

Equipment

Line Trimmers

Hedge Trimmers

Edgers

Clean-Up

Saws

Mowers

**Mid-Size Walk Behinds/
Stand-On Mowers**

Riders

Specialty Turf

Utility Vehicles

Accessories

Snow Plows

Reference

WE SERVICE WHAT WE SELL!
SEE PAGE 213 FOR HORIZON
SERVICE CENTERS



**YOUR CHOICES FOR THE INDUSTRY'S
BEST OUTDOOR POWER EQUIPMENT**





SRM225

Fuel efficient, powerful tool.

- ◆ 21.2 cc Power Boost Vortex™ engine
- ◆ i-30™ starting system reduces starting effort by 30%
- ◆ 14.9 fl. oz. capacity see-through fuel tank
- ◆ 59" straight shaft with flex cable drive
- ◆ U Turn™ trimmer head
- ◆ Commercial duty air filtration system provides long engine life

SRM230/ ECHSRM230S

Increased power and performance.

- ◆ 22.8 cc Power Boost Vortex™ engine delivers more power and reduced fuel consumption
- ◆ 59" flex shaft is designed to handle the toughest trimming and cutting requirements
- ◆ Die-cast fan cover with heavy-duty engine vibration reduction system
- ◆ High volume air filter for maximum filtration
- ◆ S-steel shaft drive

SRM266

- ◆ 25.4 cc professional-grade, 2-stroke engine for outstanding performance
- ◆ 2-stage commercial-grade air filtration for long engine life
- ◆ Extra heavy-duty engine vibration reduction mount and rubber over-mold handles for operator comfort
- ◆ High-capacity Speed-Feed® head for larger line capacity
- ◆ i-30™ starting system for reduced effort starting
- ◆ New cylinder/piston plating for increased engine life

SRM266T

The top-of-the-line choice for power, performance and torque.

- ◆ 25.4 cc professional-grade, 2-stroke engine for outstanding performance
- ◆ High-capacity Speed-Feed® head for larger line capacity
- ◆ 2-stage commercial-grade air filtration for long engine life
- ◆ 50% more cutting torque than the SRM-266
- ◆ Extra, heavy-duty vibration reduction system for operator comfort
- ◆ i-30™ starting system for reduced effort starting
- ◆ New cylinder/piston plating for increased engine life

SRM280

- ◆ 28.1 cc Power Boost Vortex™ engine
- ◆ 21.6 fl. oz. capacity fuel tank
- ◆ 59" 4-layer flex cable
- ◆ ECHOmatic™ Pro-trimmer head

SRM280T

The top-of-the-line choice for power, performance and torque.

- ◆ 28.1 cc Power Boost Vortex™ engine
- ◆ 59" steel drive shaft mounted in high quality isolite bearings for smooth, quick acceleration
- ◆ Large 21.6 fl. oz. see-through fuel tank delivers extended run times
- ◆ Commercial-grade felt air filtration for improved air quality and increased engine performance

Specifications	Product Code/Description						
	SRM225	SRM230	SRM230S	SRM266	SRM266T	SRM280	SRM280T
Engine Displacement (cc)	21.2	22.8	22.8	25.4	25.4	28.1	28.1
Carburetor (w/Purge Pump)	Rotary-Valve Diaphragm	Rotary-Valve Diaphragm	Rotary-V alve Diaphragm	Rotary-Valve Diaphragm	Rotary-V alve Diaphragm	Rotary-Valve Diaphragm	Rotary-Valve Diaphragm
Fuel Capacity (fl. oz.)	14.9	19.1	19.1	16.9	16.9	21.1	21.1
Shaft Length (in.)	59	59	59	59	59	59	59
Shaft Type	Straight	Straight	Straight	Straight	Straight	Straight	Straight
Starting System	i-30™	Standard	Standard	i-30™	i-30™	Standard	Standard
Cutting Head	Speed Feed	Speed Feed	Speed Feed	High-Capacity Speed Feed	High-Capacity Speed Feed	High-Capacity Speed Feed	ECHOmatic™
Cutting Swath (in.)	17	17	17	17	17	17	17
Drive Shaft	4-Layer Cable	4-Layer Cable	4-Layer Flex Cable	4-Layer Cable	4-Layer Flex Cable	4-Layer Cable	4-Layer Cable
Dry Weight (lbs.)	12.1	12.2	12.2	13.4	13.6	13.4	13.5
Commercial Warranty	2 years	2 years	2 years	2 years	2 years	2 years	2 years

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T235

Legendary Shindaiwa features and improved cutting performance.

- ◆ Solid drive shaft
- ◆ Ergonomic grips
- ◆ 2-stage air filtration
- ◆ Full-wrap tank stand
- ◆ High-capacity Speed-Feed 400 cutting head



T282

Well balanced machine with the lineage of the legendary T27 and T270 trimmers. T282X blade ready model also available.

- ◆ 28.8cc Commercial-Grade Engine
- ◆ Solid Steel Drive Shaft
- ◆ Rubber Overmold Front Handle
- ◆ Tank Stand
- ◆ Blade-Ready Model Available (T282X)



T242

- ◆ 23.9 cc engine
- ◆ 22.3 fl. oz. fuel tank
- ◆ 1-piece electronic ignition
- ◆ Heavy-duty 3-piece forged crankshaft
- ◆ Low vibration, 180° loop handle



T344

Comparatively light weight based on its engine class and 2/4 stroke engine technology.

- ◆ 34.0cc 2/4 Stroke Engine Technology
- ◆ High Torque Design
- ◆ Vibration Reducing Handle Mounts
- ◆ Rubber Overmolded Front Handle
- ◆ Tank Stand



T254

Workhorse trimmer with 2/4 stroke engine technology and more torque!

- ◆ 24.5cc 2/4 Stroke Engine Technology
- ◆ High Torque Design
- ◆ Vibration Reducing Handle Mounts
- ◆ Rubber Overmolded Front Handle
- ◆ Tank Stand



TURFGRO

TurfGro Trimmerline delivers superior wear, outstanding toughness, and minimal line split and fraying. TurfGro is available in Diamond, Blazer or Vortex line. Try Horizon's TurfGro Trimmerline today! See page 212 for more information.

	Product Code/Description				
Specifications	T235	T242	T282	T254	T344
Engine Displacement (cc)	21.2	23.9	28.9	24.5	34
Fuel Capacity (fl. oz.)	14.9	23.3	25.4	20.1	22.4
Dry Weight (lbs.)	12.1	11.7	13.4	12.6	15
Commercial Warranty	2 years	2 years	2 years	2 years	2 years



GT225

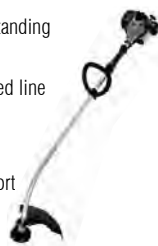
Lightweight, curved shaft trimmer features reduced-effort i-30™ starting technology.

- ◆ 21.2 cc Power Boost Vortex™ engine
- ◆ 30% reduction in starting effort
- ◆ 2-line Rapid-Loader
- ◆ 48" curved shaft
- ◆ Ergonomic right-hand throttle grip with on-off switch



GT230

- ◆ 22.8 cc professional-grade, 2-stroke engine for outstanding performance
- ◆ 2-line ECHOmatic™ trimmer head for easy bump-feed line advancement
- ◆ 52" curved shaft for longer reach
- ◆ Engine vibration-reduction system for operator comfort
- ◆ Ergonomic, adjustable left-hand grip for custom fit



Specifications	Product Code/Description	
	GT225	GT230
Engine Displacement (cc)	21.2	22.8
Carburetor (w/Purge Pump)	Rotary-Valve Diaphragm + C664	Rotary-Valve Diaphragm
Fuel Capacity (fl. oz.)	14.9	19.1
Shaft Length (in.)	48	52
Shaft Type	Curved	Curved
Starting System	i-30™	Standard
Cutting Head	Rapid-Loader™	ECHOmatic™
Cutting Swath (in.)	16	16
Drive Shaft	4-Layer Cable	Flexible
Nylon Line (in. dia.)	.080 Cross-Fire®	.080 Cross-Fire®
Dry Weight (lbs.)	10.2	11.5
Commercial Warranty	2 years	2 years

SPLIT BOOM



PAS230

Ultimate in versatility for professional and residential applications.

- ◆ 22.8 cc Power Boost Tornado™ engine is powerful, fuel efficient and environmentally clean
- ◆ Single-source power head fits all PAS (Pro- Attachment Series) attachments



PAS266

- ◆ 25.4 cc Power Boost Vortex™ engine for plenty of power
- ◆ i-30™ technology reduces starting effort by 30%
- ◆ Compatible with 11 different ECHO attachments for complete versatility



**AVAILABLE ATTACHMENTS
(available at your local Horizon store):**

Product Code	Description
99944200470	Edger
99944200480	Hedge Clipper
99944200510	Tiller/Cultivator
99944200530	Power Pruner®
99944200540	Standard Trimmer Head
99944200550	ProSweep™
99944200560	ProThatch™
99944200595	180° Articulating Hedge Clipper (HCA)
99944200600	Brushcutter
99944200610	Rapid-Loader™ Trimmer Head
99944200620	ProPaddle™



M242

- ◆ Whole tool chest that works off one power source
- ◆ Quick and easy changing of eight different attachments
- ◆ Durable Shindaiwa 242-series engine



M254

Shindaiwa's premium Multi-Tool power source, using 2/4 stroke engine for maximum torque.

- ◆ 24.5cc 2/4 Stroke Engine Technology
- ◆ Quick-change Coupler
- ◆ Accommodates 9 Attachments



**AVAILABLE ATTACHMENTS
(available at your local Horizon store):**

Product Code	Description
165001	Trimmer: Converts to a professional string trimmer.
165003	Articulated Hedge Trimmer: 10-position hedge trimmer attachment has 150° articulating gearcase.
165002	Pole Pruner Attachment: Nine feet of length with 8", 10" or 12" bar lengths.
178703	Multi-Purpose Trimmer Tool
165010	Lawn Edger Attachment: Edging made easy with this light-weight add-on.
180264	PowerBroom™ Attachment: Fast-rotating, versatile sweeping action for most any job.

**HC152**

- ◆ 21.2 cc professional-grade, 2-stroke engine for outstanding performance
- ◆ 20" double-sided, double-reciprocating RazorEdge™ blades are precision ground and laser cut for long-lasting sharpness
- ◆ Commercial-duty air filtration system for long engine life
- ◆ Large ergonomic front handle with safety guard for increased comfort and control
- ◆ Large rear handle provides comfort and great control
- ◆ Rigid support bar allows straighter and more precise cuts

HC155

- ◆ 21.2 cc professional-grade, 2-stroke engine for outstanding performance
- ◆ i-30™ starting system for reduced effort starting
- ◆ 24" double-sided, double-reciprocating RazorEdge™ blades are precision ground and laser cut for long-lasting sharpness
- ◆ Redesigned gear box provides dependability and durability
- ◆ Commercial-duty air filtration system for long engine life
- ◆ Ergonomic front and rear handles for a comfortable grip

**HC165**

- ◆ 21.2 cc Power Boost Vortex™ engine provides power with light weight
- ◆ i-30™ technology reduces starting effort by 30%
- ◆ 5-position rotating rear handle for a variety of cutting positions
- ◆ RazorEdge™ blades for long-lasting sharpness and enhanced cutting performance

**HC185****Commercial-grade 30" double-sided hedge trimmer.**

- ◆ 21.2 cc Power Boost Vortex™ engine provides power with light weight
- ◆ i-30™ technology reduces starting effort by 30%
- ◆ 5-position rotating rear handle for a variety of cutting positions
- ◆ RazorEdge™ blades for long-lasting sharpness and enhanced cutting performance



Specifications	Product Code/Description			
	HC150	HC155	HC165	HC185
Engine Displacement (cc)	21.2	21.2	21.2	21.2
Carburetor (w/Purge Pump)	Rotary-Valve Diaphragm	Rotary-Valve Diaphragm	Rotary-Valve Diaphragm	Rotary-Valve Diaphragm
Starting System	Standard	Standard	i-30™	i-30™
Fuel Capacity (fl. oz.)	16.9	16.9	16.9	16.9
See-Through Fuel Tank	Standard	Standard	Standard	Standard
Blade Length (in.)	20	24	24	30
Blade Type	Double-Sided, Double-Reciprocating	Double-Sided, Double-Reciprocating	Double-Sided, Double-Reciprocating	Double-Sided, Double-Reciprocating
Dry Weight (lbs.)	10.7	11.5	12.1	12.6
Commercial Warranty	1 year	1 year	1 year	1 year

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DH232-24

The DH232-24 is the lightest, full-featured double-sided hedge trimmer available. A 180 degree rotating handle increases its versatility.

- ◆ 21.2 cc professional-grade, 2-stroke engine
- ◆ 180 degree rotating rear handle
- ◆ Reduced effort starter
- ◆ Spring anti-vibration system
- ◆ Forward-facing exhaust tube
- ◆ Chrome-plated blades with aluminum support bar

**DH232-30**

The DH232-30 is a lightweight, full-featured workhorse with a 180 degree rotating handle for operation in a variety of positions.

- ◆ 21.2 cc professional-grade, 2-stroke engine
- ◆ 180 degree rotating rear handle
- ◆ Reduced effort starter
- ◆ Spring anti-vibration system
- ◆ Forward-facing exhaust tube
- ◆ 30" Chrome-plated blades with aluminum support bar



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DH254-24

Newly redesigned, the DH254-24 has high blade speed and a wide tooth gap for heavy cutting.

- ◆ 24.5cc 2/4 Stroke Engine Technology
- ◆ Chrome-plated Blades
- ◆ 43.3" Blade Length
- ◆ Industry Leading Blade Speed
- ◆ Vibration Reducing Handle Mounts
- ◆ Rubber Overmolded Front Handle

**DH254-30**

The DH254-30 features a longer blade than the DH254-24 but has the same high blade speed and a wide tooth gap for heavy cutting.

- ◆ 24.5cc 2/4 Stroke Engine Technology
- ◆ Chrome-plated Blades
- ◆ 48" Blade Length
- ◆ Industry Leading Blade Speed
- ◆ Vibration Reducing Handle Mounts
- ◆ Rubber Overmolded Front Handle



SINGLE SIDED

ECHO

HC235

- ◆ 21.2 cc Power Boost Vortex™ engine provides power with light weight
- ◆ i-30™ technology reduces starting effort by 30%
- ◆ 30" single-sided, double-reciprocating

**HC245**

Commercial-grade 40" single-sided hedge trimmer.

- ◆ 21.2 cc Power Boost Vortex™ engine provides power with light weight
- ◆ i-30™ technology reduces starting effort by 30%



Specifications	Product Code/Description	
	HC235	HC245
Engine Displacement (cc)	21.2	21.2
Carburetor (w/Purge Pump)	Rotary-Valve Diaphragm	Rotary-Valve Diaphragm
Starting System	i-30™	i-30™
Fuel Capacity (fl. oz.)	16.9	16.9
Blade Length (in.)	30	40
Blade Type	Single Sided, Double-Reciprocating	Single Sided, Double-Reciprocating
Dry Weight (lbs.)	12.8	13.9
Commercial Warranty	2 years	2 years

LITTLE WONDER®

LIT2230

- ◆ 30" single-sided hedge trimmer
- ◆ Double reciprocating blades for reduced vibration and heavier cuts
- ◆ 21.22 cc commercial grade engine, extended engine life, rated between 600 and 800 hours



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HT232-30

The HT232-30 is the lightest, single-sided hedge trimmer available. The standard debris shield allows easy sweeping of material off the hedges.

- ◆ 21.2 cc professional-grade, 2-stroke engine22.5 cc premium Shindaiwa engine
- ◆ Front and rear rubber, over-mold handles
- ◆ Reduced effort starter
- ◆ Anti-vibration system
- ◆ Forward-facing exhaust tube
- ◆ 30" Chrome-plated blades with aluminum support bar
- ◆ Debris shield included

**HT232-40**

The HT232-40 is a lightweight, long-reach hedge trimmer that includes a debris shield for easy sweeping of material.

- ◆ 21.2 cc professional-grade, 2-stroke engine22.5 cc premium Shindaiwa engine
- ◆ Front and rear rubber, over-mold handles
- ◆ Reduced effort starter
- ◆ Anti-vibration system
- ◆ Forward-facing exhaust tube
- ◆ 40" Chrome-plated blades with aluminum support bar
- ◆ Debris shield included



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HT254-24

The HT254-24 has a 40" blade coupled with 2/4 stroke engine power and single-sided cutting performance.

- ◆ 24.5cc 2/4 stroke engine technology
- ◆ Chrome-plated blades
- ◆ Industry leading blade speed
- ◆ Vibration reducing handle mounts
- ◆ Rubber overmolded front and rear handles



HT254-30

2/4 stroke engine power with multi-position use and immediate throttle response.

- ◆ 24.5cc 2/4 Stroke Engine
- ◆ Chrome-plated Blades
- ◆ 48" Blade Length
- ◆ Industry Leading Blade Speed
- ◆ Vibration Reducing Handle Mounts
- ◆ Rubber Overmolded Front and Rear Handles



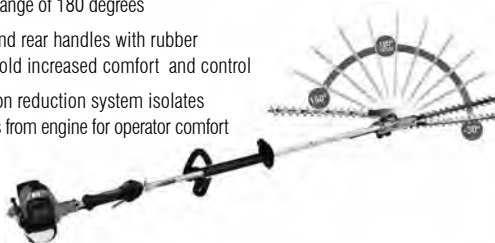
ARTICULATING

ECHO

HCA266

25.4 cc professional-grade, 2-stroke engine for outstanding performance

- ◆ 25.4 cc articulating hedge trimmer with 59" shaft
- ◆ i-30TM starting system for reduced effort starting
- ◆ 18" double-sided, double-reciprocating RazorEdge blades for long-lasting sharpness
- ◆ 2-stage commercial-grade air filtration for long engine life
- ◆ Articulating gear case allows blade adjustment in 15 degree increments with a total range of 180 degrees
- ◆ Front and rear handles with rubber over-mold increased comfort and control
- ◆ Vibration reduction system isolates handles from engine for operator comfort



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AH242

- ◆ 22" double reciprocating blades, 93" overall length
- ◆ Ideal for professionals who need the extended reach for tall trimming jobs
- ◆ Provides 150° of articulation (11 positions)
- ◆ Solid steel drive shaft system



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AHS242

- ◆ 22" double reciprocating blades, 66" overall length
- ◆ Provides 135° of articulation (10 positions)
- ◆ Mid-reach shaft is safer compared to standard single-sided hedge trimmer
- ◆ Solid steel drive shaft system



AH254

A powerful 2/4 stroke engine and a 93" length allow shaping of just about any hedge.

- ◆ 24.5cc 2/4 Stroke Engine Technology
- ◆ 11 Position - 150 ° Articulating Blades
- ◆ Chrome-plated Blades
- ◆ Vibration Reducing Engine Mount
- ◆ Rubber Overmolded Front and Rear Handles



AHS254

A high-torque 2/4 stroke engine and a short shaft make it easily maneuverable and perfect for low shrubs.

- ◆ 24.5cc 2/4 Stroke Engine Technology
- ◆ 10 Position - 135 ° Articulating Blades
- ◆ Chrome-plated Blades
- ◆ Vibration Reducing Engine Mount
- ◆ Rubber Overmolded Front and Rear Handles



Specifications	Product Code/Description				
	HCA266	IAH242	IHS242	IAAH254	IHS254
Engine Displacement (cc)	25.4	23.9	23.9	24.5	24.5
Range of Articulation	180" - 15 position	150" - 11 position	135" - 10 position	150" - 10 position	135" - 10 position
Fuel Capacity (fl. oz.)	16.9	23.3	23.3	20.1	20.1
Dry Weight (lbs.)	15.3	13.6	13.2	14.1	14
Overall Length (in.)	77"	94"	66.2	93.3	65.7
Commercial Warranty	2 years	2 years	2 years	2 years	2 years



SHC225

21.2cc Hedge trimmer with 33" shaft and i-30 starter.

- ◆ 21.2 cc Power Boost Vortex engine
- ◆ 30% reduction in starting effort
- ◆ 33" shaft length limits stooping to cut low growth 20" double-sided, double-reciprocating RazorEdge blades Commercial-duty air filtration system
- ◆ Vibration reduction system for increased comfort



SHC225S

All the features and benefits of the SCH225 with reduced shaft length for great maneuverability and outstanding balance.

- ◆ 20" shaft length limits stooping to cut low growth



SHC266

- ◆ 25.4 cc professional-grade, 2-stroke engine for outstanding performance
- ◆ i-30TM starting system for reduced effort starting
- ◆ 20" double-sided, double-reciprocating RazorEdge blades for long-lasting sharpness
- ◆ 2-stage commercial-grade air filtration for long engine life
- ◆ 51" shaft enables operator to trim tall hedges
- ◆ 7 degree angled shaft provides a wide-angle view for trimming complex shapes
- ◆ Front and rear handles with rubber over-mold increased comfort and control
- ◆ Vibration reduction system isolates handles from engine for operator comfort



Specifications	Product Code/Description		
	SHC225	SHC225S	SHC266
Engine Displacement (cc)	21.2	21.2	25.4
Carburetor (w/Purge Pump)	Rotary-Valve Diaphragm	Rotary-Valve Diaphragm	Rotary-Valve Diaphragm
Starting System	i-30™	i-30™	i-30™
Fuel Capacity (fl. oz.)	14.9	14.9	16.9
See-Through Fuel Tank	Standard	Standard	Standard
Blade Length (in.)	20	20	20
Shaft Length (in.)	33	20	51
Cutter Type	Double sided Double-reciprocating	Double sided Double-reciprocating	Double sided Double-reciprocating
Dry Weight (lbs.)	13.4	12.6	14.5
Commercial Warranty	2 years	2 years	2 years

**28RC**

Uses four 8" wheels and a 3.5 hp Briggs & Stratton engine. A favorite with commercial users.

- ◆ Four-wheel design features exclusive, patented design with low center of gravity for perfect balance and control
- ◆ 90% self-propelled
- ◆ Tilts to any angle

**STICK****PE225**

- ◆ 21.2 cc Power Boost Vortex™ engine
- ◆ Pivoting mechanism allows fast, easy non-slip adjustment to any cutting depth
- ◆ Durable plastic debris shield with heavy-duty wheel height adjustment

**PE230**

- ◆ Commercial-grade 22.8 cc Power Boost Tornado™ engine
- ◆ Gear case provides over 30% more cutting torque
- ◆ New open-face, die-cast design significantly reduces clogging

PE266/ECHPE266S

Powerful performance, innovative features.

- ◆ 25.4 cc professional-grade, 2-stroke engine for outstanding performance
- ◆ i-30™ starting system for reduced effort starting
- ◆ 2-stage commercial-grade air filtration for long engine life
- ◆ Clog-resistant, open-face metal shield for reduced clogging
- ◆ New cylinder/piston plating system for increased engine life
- ◆ Vibration-reducing engine mount and cushioned left and right handles provide great operator comfort

**PE280**

Top-of-the-line edger in a new class of performance.

- ◆ 28.1 cc Power Boost Vortex™ engine
- ◆ 59" curved shaft with flex cable drive
- ◆ 21.6 fl. oz. capacity see-through fuel tank



Specifications	Product Code/Description			
	PE225	PE230	PE266/ECHPE266S	PE280
Engine Displacement (cc)	21.2	22.8	25.4	28.1
Carburetor (w/Purge Pump)	Rotary-Valve Diaphragm	Rotary-Valve Diaphragm	Rotary-Valve Diaphragm	Rotary-Valve Diaphragm
Fuel Capacity (fl. oz.)	14.9	19.6	16.9	21.6
Starting System	i-30™	Standard	i-30™	Standard
Debris Shield	High-Impact Nylon	Die-Cast Metal	Die-Cast Metal	Die-Cast Metal
Blade Length (in.)	8	8	8	8
Blade Thickness (in.)	0.090	0.090	0.090	0.090
Dry Weight (lbs.)	13.2	13.4	15.4	15.2
Commercial Warranty	2 years	2 years	2 years	2 years

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LE242

Next generation 2-stroke technology that meets very stringent emission standards.

- ◆ 23.9 cc, 1.1 hp 2-stroke engine
- ◆ Cyclone™ Edger Blade has a sharp beveled edge for a clean and long-lasting cut
- ◆ Heavy-duty 3-piece forged crankshaft



LE254

With a powerful 2/4 stroke engine, the LE254 has more torque to get the job done faster.

- ◆ 24.5cc 2/4 Stroke Engine Technology
- ◆ Height-adjustable Guide Wheel
- ◆ Open-face Shield
- ◆ Steel Skid Plate



Specifications	Product Code/Description	
	ILE242	ILE254
Engine Displacement (cc)	23.9	24.5
Carburetor	Walbro Barrel-Valve	Walbro Barrel-Valve
Dry Weight (lbs.)	12.8	14
Power Output (hp)	1.1	1.1
Fuel Capacity (fl. oz.)	21	20.1
Overall Length (in.)	68.6	69.7

BED REFINER



BRD280

The BRD-280 cuts a crisp, beveled groove along the turf edge, leaving a professional, manicured finish.

- ◆ 28.1 cc Power Boost Vortex engine
- ◆ Unique, six-finger blade geometry
- ◆ Rubber throttle control handle
- ◆ 59" straight shaft with flex cable drive
- ◆ Over-sized high-impact nylon shield with guide marker
- ◆ Large, adjustable support wheel
- ◆ 21.6 fl oz. Capacity see-through fuel tank
- ◆ 7.75" x 2.5" replaceable steel blade with carbide tips



Specifications	Product Code/Description	
	BDR280	
Engine Displacement (cc)	28.1	
Carburetor (w/Purge Pump)	Rotary-Valve Diaphragm	
Fuel Capacity (fl. oz.)	21.6	
Starting System	Standard	
Debris Shield	High-Impact Nylon	
Blade Length (in)	7.75	
Blade Thickness (in)	2.5	
Dry Weight (lb)	18	
Commercial Warranty	1 year	



PB-265LN

- ◆ 25.4 cc professional-grade, 2-stroke engine for outstanding performance
- ◆ i-30™ starting system for reduced effort starting
- ◆ 375 CFM and 158 MPH performance
- ◆ Low noise, 64 dB(A)* output for noise sensitive environments
- ◆ Padded backrest and shoulder straps for comfort
- ◆ Posi-loc™ pipes for a secure connection
- ◆ Variable speed throttle with cruise control for operator convenience



PB-460LN

With patented sound attenuation technology, only 65 dB(A) per ANSI B175.2002 at wide-open throttle.

- ◆ 380 cfm air volume and 175 mph air force at the pipe
- ◆ Rugged frame protects vital engine components while maintaining serviceability
- ◆ Industry-leading sound technology



PB-500H/PB-500T

Comfortable operation with superior air filtration and increased performance.

- ◆ 50.8 cc Power Boost Vortex™ engine with 450 cfm
- ◆ Leaf guard prevents leaves and rubbish from entering airtake
- ◆ Hip or tube-mounted throttle
- ◆ 61.2 fl. oz. see-through fuel tank



PB-755SH/PB-755ST

Powerful performance coupled with ease of use and maintenance

- ◆ 63.3 cc professional-grade, 2-stroke engine for outstanding performance
- ◆ Extra flexible tube for cold weather operation
- ◆ Hip-mounted throttle with cruise control for operator convenience
- ◆ Padded backrest and shoulder straps for comfort
- ◆ Pleated, automotive-style air filter for superior filtration



PB-760LNH/PB-760LNT

- ◆ 535 CFM and 214 MPH performance
- ◆ 63.3cc professional-grade, 2-stroke engine
- ◆ Exclusive vented back pad for user comfort in hot weather
- ◆ Low noise, 65dB(A) output for noise sensitive environments
- ◆ Padded backrest and shoulder straps for comfort
- ◆ Side-mounted, heavy-duty, dual-stage air filtration for long engine life
- ◆ Variable speed hip-mounted throttle with cruise control for operator convenience



PB-770H/PB-770T

Echo's most powerful blower featuring hip-mounted throttle control

- ◆ 63.3 cc Power Boost Tornado engine
- ◆ Easy-to-reach hip-mounted throttle with cruise control (H) or convenient tube-mounted throttle with cruise control (T)
- ◆ Side-mounted, heavy-duty, dual-stage air filtration
- ◆ Padded backrest and shoulder straps
- ◆ Exclusive vented back pad for user comfort in hot weather
- ◆ Leaf guard prevents leaves and rubbish from entering airtake
- ◆ 68 fl. oz. see-through fuel tank



Specifications	Product Code/Description					
	PB-265LN	PB-460LN	PB-500H/ PB-500T	PB-755SH/ PB-755ST	PB-760LNH/ PB-760LNT	PB-770H/ PB-770T
Type	Backpack	Backpack	Backpack	Backpack	Backpack	Backpack
Engine Displacement (cc)	25.4	44	50.8	63.3	63.3	63.3
Carburetor (w/Purge Pump)	Rotary-Valve Diaphragm	Butterfly-Valve Diaphragm (w/o purge pump)	Butterfly-Valve Diaphragm	Rotary	Butterfly-Valve Diaphragm	Rotary-Valve Diaphragm
Starting System	i-30™	Standard	Standard	Standard	Standard	Standard
Fuel Capacity (fl. oz.)	21	64	51.8	68.3	47.3	68.3/
Average Air Volume (cfm-pipe)	375	380	465	651	535	765
Maximum Air Speed (mph-pipe)	158	175	195	233	214	204
dB(A)	64	65	70	74	65	74
Dry Weight (lbs.)	13.3	26.4	22.9	24.7	26.1	24.3/23.8
Commercial Warranty	2 years	2 years	2 years	2 years	2 years	2 years

Equipment

BACKPACK BLOWERS (CONT.)

shindaiwa

EB-508RT

Entry-level commercial backpack blower offers light weight and solid performance at an affordable price.

- ◆ 50.8 cc professional-grade, 2-stroke engine
- ◆ Light weight for ease-of-use
- ◆ Grouped controls including cruise control for comfortable operation
- ◆ Posi-loc™ ensures secure pipe connection



EB-633RT

High-performance blower designed with innovative efficiency.

- ◆ 63.3 cc engine with 625 cfm
- ◆ Heavy-duty, commercial-grade air filter system
- ◆ Extra-flexible tube for easy cold weather operation
- ◆ Easy-to-reach tube mounted throttle with "cruise control"



EB-802/EB-802RT

Reliable 2-stroke engine with a tube-mounted throttle and low noise "hush mode".

- ◆ High Quality 2-Stroke Engine
- ◆ Comfortable Back and Shoulder Pads
- ◆ Large Fuel Tank Capacity



EB-854/EB-854RT

Hip-mounted throttle and a unique heat sensor that keeps the blower from overheating due to leaf clogging.

- ◆ Large 79.7cc 2/4 Stroke Engine Technology
- ◆ Fastest Backpack Air Speed at 213 MPH
- ◆ Comfortable Back and Shoulder Pads



Specifications	Product Code/Description			
	EB-508RT	EB-633RT	EB-802/ EB-802RT	EB-854/ EB-854RT
Type	Backpack	Backpack	Backpack	Backpack
Engine Displacement (cc)	50.8	63.3	79.2	79.7
Dry Weight (lbs.)	22.9	24.9	22.9	26.2
Fuel Capacity (fl. oz.)	57.8	68.3	67.6	67.6
dB(A)	70	74	76	75
Air Volume @ Nozzle	645 CFM	651 CFM	695 CFM	722 CFM
Maximum Air Speed	195 mph	233 mph	243 mph	221 mph
Average Air Speed @ Nozzle	163 mph	195 mph	203 mph	185
Commercial Warranty	2 years	2 years	2 years	2 years

**PB-250LN****Outstanding low-noise performance and lightweight.**

- ◆ 25.4 cc professional-grade, 2-stroke engine for outstanding performance
- ◆ 391 CFM and 165 MPH performance
- ◆ Exclusive curved blower tube provides rotational control to reduce user fatigue
- ◆ Grouped controls including throttle with cruise
- ◆ Low noise, 65 dB(A)* output for noise sensitive environments
- ◆ Posi-loc™ pipes for a secure connection

PB-255LN**Professional features with low-noise performance.**

- ◆ 25.4 cc professional-grade, 2-stroke engine for outstanding performance
- ◆ 354 CFM and 191 MPH performance
- ◆ Low noise, 64 dB(A)* output for noise sensitive environments
- ◆ Parallel handles aid in directional operation
- ◆ Flared pipe for increased air speed
- ◆ Posi-loc™ pipes for a secure connection
- ◆ Rubber top handle grip for more comfort

**ES-255****Loaded with professional features and specially designed for commercial-duty property maintenance.**

- ◆ 25.4 cc Power Boost Vortex™ engine
- ◆ 30% reduction in starting effort
- ◆ Positive locking collar secures pipe to blower
- ◆ Patented 4-blade shredding mechanism



Specifications	Product Code/Description		
	PB-250LN	PB-255LN	ES-255
Type	Handheld	Handheld	Handheld
Engine Displacement (cc)	25.4	25.4	25.4
Carburetor	Rotary	Diaphragm	Rotary Valve Diaphragm
Starting System	Standard	Standard	i-30™
Fuel Capacity (fl. oz.)	16.9	16.9	16.2
Average Air Volume	391	354	354 CFM
Maximum Air Speed	165	191	69
dB(A)	65	64	191mph
Dry Weight (lbs.)	9.9	10.4	11.8
Commercial Warranty	2 years	2 years	2 years

**EB-212****Lightweight 2-stroke handheld blower for landscape clean-up jobs.**

- ◆ 21.2cc professional-grade, 2-stroke engine
- ◆ Light weight for ease-of-use
- ◆ Grouped controls including cruise control for comfortable operation
- ◆ Includes flared end pipe for moving wet debris



Equipment

HAND-HELD BLOWERS (CONT.)

shindaiwa

EB-254

2/4 stroke engine technology with a low-tone sound and lightweight.

- ◆ Low-Tone 24.5cc 2/4 Stroke Engine
- ◆ Comfortable Handle Grip
- ◆ All Position Operation



EB-344

2/4 stroke engine technology with a low-tone sound and lightweight.

- ◆ Largest Displacement Handheld Blower
- ◆ Comfortable Handle Grip
- ◆ All Position Operation



Specifications	Product Code/Description			
	EB-212	EB-254	EB-344	
Engine Displacement (cc)	21.2	24.5	34	
Dry Weight (lbs.)	8.8	10.8	11.2	
Fuel Capacity (fl. oz.)	16.9	20.4	20.4	
dB(A)	65	68	71	
Air Volume @ Nozzle	290 CFM	310 CFM	(Round Pipe) 348 CFM	(Flared Pipe) 375 CFM
Maximum Air Speed @ Nozzle	150 mph	205 mph	(Round Pipe) 230 mph	(Flared Pipe) 213 mph
Average Air Speed @ Nozzle	123 mph	170 mph	(Round Pipe) 191 mph	(Flared Pipe) 176 mph

POWER BROOM

shindaiwa

PS-344

From construction sites and forest parks to golf courses and roadsides, the PB3410 PowerBroom™ lets you clean in a fraction of the time.

- ◆ Features patented 3410-series Shindaiwa C4 Technology® engine
- ◆ Excellent fuel economy: Runs up to 25% longer on a tank versus comparable 2-stroke engines
- ◆ Reduced emissions, low engine noise

Optional Attachments (available at your local Horizon store)

- ◆ 99909-33021 Powerbroom™ Debris Shield
- ◆ 99909-11027 Nylon Brush Kit
- ◆ 99909-35000 Rubber Paddle Kit
- ◆ 80297 Crimped Wire Brush Kit
- ◆ 80712 Aggressive Nylon Brush Kit
- ◆ 99909-11004 Replacement Nylon Brush
- ◆ 80208 Replacement Crimped Wire Brush
- ◆ 80711 Replacement Aggressive Nylon Brush





F1302H

Quiet Blow Blowers have had the industry's lowest noise levels for the last 10 years.

- ◆ Patented Aim N Shoot™ fingertip control
- ◆ 17" 16-blade advanced fan technology
- ◆ Low weight, low noise, ergonomic handles
- ◆ No rust, no dent composite housing (5-year warranty)
- ◆ Self-propelled option eliminates fatigue
- ◆ 6.2x the air volume of backpack



F902H

The control of a backpack—the performance of a wheel blower.

- ◆ Patented Aim N Shoot™ fingertip control
- ◆ 17" 16-blade advanced fan technology
- ◆ Low weight, low noise, ergonomic handles
- ◆ No rust, no dent composite housing (5-year warranty)
- ◆ Self-propelled option eliminates fatigue
- ◆ 3.8x the air volume of backpacks

VACCUUM



KV650H

Powerful suction and easy operation make cleanup a snap.

- ◆ Large 5-blade impeller with serrated edges
- ◆ Variable height adjustment
- ◆ Integral dust skirt
- ◆ Optional hose kit
- ◆ Zipperless bag for simple bag handling
- ◆ Honda or Briggs power, self-propelled option



MV650H/MV650SPH

Step up to the heavy-duty cleanup power of the MV lawn and litter vacuum.

- ◆ Rugged low weight
- ◆ Composite housing & hood
- ◆ Top load bag slides out on rails
- ◆ Operator adjustable intake door
- ◆ Hard surface push or 3-speed self-propelled with optional electric start
- ◆ Optional 5" x 10' hose kit; optional disposable bag liners



WV190/WV190S

- ◆ Quickly and efficiently pick up leaves, grass, or other light debris
- ◆ Available with push engine or self-propelled (S)
- ◆ Five different height settings for easy pick-up on any type of terrain
- ◆ Six-bushel capacity quick dump bag
- ◆ Adjustable handle bars with cushion grip
- ◆ Five-blade radial fan that delivers more cfm than any other competitor vacuum
- ◆ Easy-to-maneuver 12 X 2.5 inch rubber tires with ball bearing hubs

Product Code/Description

Specifications	WV190	WV190S
Bag Capacity	6 Bushels	6 Bushels
Rotor Construction	1/4" Steel Blades	1/4" Steel Blades
Intake Width (in)	27	27
Drive	Push	Self-Propelled
Dry Weight (lbs.)	113	126
Make	Briggs & Stratton	Briggs & Stratton
Engine Displacement (cc)	190	190
Start Type	Recoil	Recoil
Fuel Capacity (gal.)	0.4	0.4

Equipment



CS-271T

26.9cc top handle chain saw

- ◆ 26.9 cc professional-grade, 2-stroke engine for outstanding performance
- ◆ i-30™ starting system for reduced effort starting
- ◆ Automatic, clutch-driven oiler for reduced oil consumption
- ◆ Available in 12" bar length
- ◆ G-Force Engine Air Pre-Cleaner™ for reduced air filter maintenance
- ◆ Rear-mounted, tool-less air filter cover for easy access
- ◆ Side access chain tensioner for quick chain adjustments



CS-303T

30.1 cc top handle chain saw

- ◆ 30.1 cc professional-grade, 2-stroke engine for outstanding performance
- ◆ Automatic adjustable oiler to match cutting conditions
- ◆ Available in 12" and 14" bar lengths prior to air filtration
- ◆ Extended top handle for greater reach, maneuverability and control.
- ◆ Metal lanyard ring for easy attaching and detaching
- ◆ Side access chain tensioner for quick chain adjustments
- ◆ Vibration-reduction system for operator comfort



CS-310

30.5cc chain saw with i-30 starter

- ◆ 30.5 cc professional-grade, 2-stroke engine for outstanding performance
- ◆ i-30™ starting system for reduced effort starting
- ◆ Automatic, clutch-driven oiler for reduced oil consumption
- ◆ Available in 14" bar length
- ◆ Side access chain tensioner for quick chain adjustments
- ◆ Tool-less air filter cover for easy access
- ◆ Vibration-reduction system for operator comfort



CHAIN SAWS

CS-352

34.0cc chain saw with i-30 starter

- ◆ 34 cc professional-grade, 2-stroke engine for outstanding performance
- ◆ i-30™ starting system for reduced effort starting
- ◆ Automatic, clutch-driven oiler for reduced oil consumption
- ◆ Available in 14" and 16" bar lengths
- ◆ Side access chain tensioner for quick chain adjustments
- ◆ Tool-less air filter cover for easy access
- ◆ Vibration-reduction system for operator comfort



CS-355T

35.8cc top handle chain saw with reduced-effort starter

- ◆ 35.8cc professional-grade, 2-stroke engine
- ◆ Available in 14" and 16" bar lengths
- ◆ Automatic, adjustable clutch-driven oiler
- ◆ Contoured handle shaped to fit your hand
- ◆ Handle angle provides a natural wrist position while cutting
- ◆ Palm rest supports hand and provides leverage
- ◆ Reduced-effort starting system for easy start-ups



CS-370

36.3cc chain saw with i-30 starter

- ◆ 36.3 cc professional-grade, 2-stroke engine for outstanding performance
- ◆ i-30™ starting system for reduced effort starting
- ◆ Aluminum handle with rubber over-mold for improved comfort
- ◆ Automatic, adjustable oiler to match cutting conditions
- ◆ Available in 14", 16", and 18" bar lengths
- ◆ G-Force Engine Air Pre-Cleaner™ for reduced air filter maintenance
- ◆ Heavy-duty, easy-access, automotive-style air filter for superior filtration



CS-400

40.2cc chain saw with i-30 starter

- ◆ 40.2 cc professional-grade, 2-stroke engine for outstanding performance
- ◆ i-30™ starting system for reduced effort starting
- ◆ Aluminum handle with rubber over-mold for improved comfort
- ◆ Automatic, adjustable oiler to match cutting conditions
- ◆ Available in 16" and 18" bar lengths
- ◆ G-Force Engine Air Pre-Cleaner™ for reduced air filter maintenance
- ◆ Heavy-duty, easy-access, automotive-style air filter for superior filtration



Specifications	Product Code/Description						
	CS-271T	CS-303T	CS-310	CS-352	CS-355T	CS-370	CS-400
Engine Displacement (cc)	26.9	30.1	30.5	34	35.8	36.3	40.2
Engine Displacement (cu. in.)	1.64	1.84	1.86	2.08	2.19	2.21	2.45
Starting System	i-30™	Standard	i-30™	i-30™	Reduced-Effort	i-30™	i-30™
Ignition System	Digital	Digital	Digital	Digital	Digital	Digital	Digital
Carburetor (w/Purge Pump)	Butterfly-Valve Diaphragm	Butterfly-Valve Diaphragm	Butterfly-Valve Diaphragm	Butterfly-Valve Diaphragm	Butterfly-Valve Diaphragm	Butterfly-Valve Diaphragm	Butterfly-Valve Diaphragm
Oiling System	Automatic (Clutch Driven)	Automatic (Clutch Driven)	Automatic (Clutch Driven)	Automatic (Clutch-Driven)	Automatic/Adjustable (Clutch-Driven)	Automatic/Adjustable	Automatic/Adjustable
Available Bar Lengths (in.)	12	12, 14	14	14, 16	14, 16	14, 16, 18	16, 18
Fuel Capacity (fl. oz.)	8.1	8.5	8.5	8.5	11.2	13.9	13.9
Dry Weight (lbs.)	6.6	7.7	8.8	8.8	8	10	10.1
Commercial Warranty	1 year	1 year	1 year	1 year	1 year	1 year	1 year

**CS-450P****45.0cc chain saw**

- ◆ CS-450P Product Knowledge
- ◆ 45cc professional-grade, 2-stroke engine for outstanding performance
- ◆ Aluminum handle with rubber over-mold for improved comfort
- ◆ Automatic, adjustable clutch-driven oiler for reduced oil consumption
- ◆ Available in 16", 18", and 20" bar lengths
- ◆ Heavy-duty, easy-access, automotive-style air filter for superior filtration
- ◆ Performance Cutting System™ - upgraded bar and aggressive chain for improved cutting performance
- ◆ Side access chain tensioner for quick chain adjustments

**CS-500P****50.2cc chain saw**

- ◆ 50.2 cc professional-grade, 2-stroke engine for outstanding performance
- ◆ Aluminum handle with rubber over-mold for improved comfort
- ◆ Available in 16", 18", and 20" bar lengths
- ◆ G-Force Engine Air Pre-Cleaner™ for reduced air filter maintenance
- ◆ Performance Cutting System™ - upgraded bar and aggressive chain for improved cutting performance
- ◆ Reduced Effort starting system
- ◆ Two-piece flocked air filter for easy cleaning

**CS-590****59.8cc farm and ranch chain saw**

- ◆ 59.8cc professional-grade, 2-stroke engine for outstanding performance
- ◆ Automatic, adjustable clutch-driven oiler for reduced oil consumption
- ◆ Available in 18" and 20" bar lengths
- ◆ Decompression valve for easier starter rope pulling
- ◆ Easy-access, heavy-duty 2-piece air filter for easy cleaning
- ◆ G-Force Engine Air Pre-Cleaner™ for reduced filter maintenance
- ◆ Translucent fuel tank for quick fuel level checks

**CS-600P****59.8cc chain saw**

- ◆ Aluminum handle with rubber over-mold for improved comfort
- ◆ 59.8 cc professional-grade, 2-stroke engine for outstanding performance
- ◆ Automatic, adjustable clutch-driven oiler for reduced oil consumption
- ◆ Available in 16", 18", 20", 24", and 27" bar lengths
- ◆ Decompression valve for easier starter rope pulling
- ◆ G-Force Engine Air Pre-Cleaner™ for reduced filter maintenance
- ◆ Performance Cutting System™ - upgraded bar and aggressive chain for improved cutting performance
- ◆ Two-piece flocked air filter for easy cleaning

**CS-680****66.8cc chain saw**

- ◆ 66.8 cc high performance, 2-stroke engine for outstanding performance
- ◆ Aluminum handle with rubber over-mold for improved comfort
- ◆ Automatic, adjustable oiler with manual over-ride for reduced oil consumption
- ◆ Available in 20", 24", and 27" bar lengths
- ◆ Heavy-duty, easy-access, automotive-style air filter extends saw life
- ◆ Performance Cutting System™ - upgraded bar and aggressive chain for improved cutting performance

**CS-8000****80.7cc chain saw**

- ◆ 80.7 cc professional-grade, 2-stroke engine for outstanding performance
- ◆ Aluminum handle with rubber over-mold for improved comfort
- ◆ Automatic, adjustable oiler with manual over-ride for reduced oil consumption
- ◆ Available in 24", 27", 32", and 36" bar lengths
- ◆ Performance Cutting System™ - upgraded bar and aggressive chain for improved cutting performance
- ◆ Tool-less air filter cover for easy access




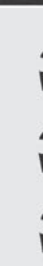

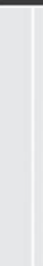




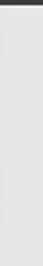



Specifications	Product Code/Description					
	CS-450P	CS-500P	CS-590	CS-600P	CS-680	CS-8000
Engine Displacement (cc)	45	50.2	59.8	59.8	66.8	80.7
Engine Displacement (cu. in.)	2.75	3.06	3.65	3.65	4.07	4.92
Starting System	Standard	Reduced Effort	Standard	Standard	Standard	Standard
Ignition System	Digital	CDI	Digital	Digital	SAIS	SAIS
Carburetor (w/Purge Pump)	Butterfly-Valve Diaphragm	Butterfly-Valve Diaphragm (w/o Purge Pump)	Butterfly-Valve Diaphragm (w/o Purge Pump)	Butterfly-Valve Diaphragm (w/o Purge Pump)	Butterfly-Valve Diaphragm (w/o Purge Pump)	Butterfly-Valve Diaphragm (without Purge Pump)
Oiling System	Automatic/Adjustable (Clutch Driven)	Automatic/Adjustable (Clutch Driven)	Automatic/Adjustable (Clutch Driven)	Automatic/Adjustable (Clutch Driven)	Automatic/Adjustable (with manual override)	Automatic/Adjustable (with manual override)
Available Bar Lengths (in.)	16, 18, 20	16, 18, 20	16, 18, 20, 24, 27	16, 18, 20, 24, 27	20, 24, 27	24, 27, 32, 36
Fuel Capacity (fl. oz.)	15.2	16.9	21.8	19.1	22.5	28.9
Dry Weight (lbs.)	11.2	10.6	13.3	13.3	14.5	16.5
Commercial Warranty	1 year	1 year	1 year	1 year	1 year	1 year
















SAW CHAIN						GUIDE BARS					DISPLAY PACKS		
SPECS (inches)			CHAIN PART NO.			AT LA	RN RW GN PM	SL GL SP GP MG MP	SF SX PX GD MLB	SD DG MLE	COMBOS		
PITCH	GAUGE	BAR LENGTH	CHAIN TYPE	DRIVE LINKS	DRIVE TEETH						BAR & CHAIN	GREEN LABEL	YELLOW LABEL

ECHO*														
CS-400EVL, CS-440, CS-440EVL, CS-510, CS-520, CS-3600, CS-3900, CS-4000, CS-4100, CS-4400, CS-4500, CS-4600, CS-5000														
.325	.050	14	20BPX	20LPX	059	7	140LAXA041							
		16			066	7	160LAXA041		160GLGK041	160GDBK041	105711	20BPX066CK	20LPX066CK	
		18			072	7			180GLGK041	180GDBK041	105715	20BPX072CK	20LPX072CK	
		20			078	7			200GLGK041		540395	20BPX078CK	20LPX078CK	
MICRO-LITE™														
.325		13	95VPX		056	7				130MLBK041				
		15			064	7				150MLBK041				
		16			066	7				160MLBK041		95VPX066CK		
		18			072	7				180MLBK041		95VPX072CK		
CS-501, CS-5500														
.325	.050	16	20BPX	20LPX	068	7	160ATMD176							
							160LAMD176							
		20			079	7	200ATMD176							
		24			091	7	200LAMD176							
CS-450, CS-450P, CS-500P, CS-530, CS-550P														
.325	.050	16	20BPX	20LPX	066	7			160GLGK216				20BPX066CK	20LPX066CK
		18			072	7			180GLGK216				20BPX072CK	20LPX072CK
		20			078	7			200GLGK216				20BPX078CK	20LPX078CK
	.058	16	21BPX	21LPX	066	7			168SLGK216				21BPX066CK	21LPX066CK
		18			072	7			188SLGK216				21BPX072CK	21LPX072CK
		20			078	7			208SLGK216					21LPX078CK
MICRO-LITE™														
.325	.050	16	95VPX		066	7			160MGK216				95VPX066CK	
		18			072	7			180MGK216				95VPX072CK	
A041 applications are available (see page 4)														
CS-280, CS-290, CS-300, CS-300EVL, CS-301, CS-302 (AFTER #0015304), CS-302S, CS-305, CS-306, CS-310, CS-315, CS-330EVL, CS-330T, CS-340, CS-341, CS-345, CS-346, CS-351 (AFTER #0112195), CS-330MX4, CS-352, CS-360, CS-360T, CS-370, CS-370T, CS-400, CS-3000, CS-3400, CS-3450, ECS-2000, ECS-3000														
3/8	.050	12	91PX 91VG	91VXL 91VX	045	6			120GPEA041		120DGEA041	105698	91VG045CK	91VXL045CK
					047	6	120LAXA041							
		14			052	6	140LAXA041		140GPEA041		140DGEA041	105699	91VG052CK	91VXL052CK
					056	6			160GPEA041		160DGEA041	105700	91VG056CK	91VXL056CK
		16			057	6	ORIGINAL EQUIPMENT GUIDE BAR							
					058	6	160LAXA041							
		18			062	6				180DGEA041	540394	91VG062CK	91VXL062CK	

SAW CHAIN						GUIDE BARS						DISPLAY PACKS		
														
SPECS (inches)		CHAIN PART NO.									COMBOS		CHAIN LOOPS	
PITCH	GAUGE	BAR LENGTH	CHAIN TYPE	DRIVE LINKS	DRIVE TEETH	AT LA	RN RW GN PM	SL GL SP GP MG MP	SF SX PX GD MLB	SD DG MLE	BAR & CHAIN	GREEN LABEL	YELLOW LABEL	
ECHO*														
INTENZ*														
3/8	.050	12	91PX 91VG	91VXL 91VX	045	6		120GPET041		120DGET041		91VG045CK	91VXL045CK	
		14			052	6		140GPET041		140DGET041		91VG052CK	91VXL052CK	
		16			056	6		160GPET041		160DGET041		91VG056CK	91VXL056CK	
					057	6	ORIGINAL EQUIPMENT GUIDE BAR					91VG057CK	91VXL057CK	
MICRO-LITE*														
3/8	.043	12	90SG		045	6				124MLEA041				
		14			052	6				144MLEA041		90SG052CK		
		16			056	6				164MLEA041		90SG056CK		
CS-271														
3/8	.050	10	91PX 91VG	91VXL 91VX	040	6				100SDEA041				
		12			045	6		120GPEA041		120DGEA041	105698	91VG045CK	91VXL045CK	
CS-60, CS-60S, CS-451, CS-452, CS-500, CS-501EVL, CS-510EVL, CS-550, CS-601, CS-602, CST-610, CS-610T, CS-706														
3/8	.050	16	72V	72LGX 72LPX	060	7	160ATMD176	160RND176	160GLHD176			72V060CK	72LGX060CK 72LPX060CK	
					064	7								
		18			066	7		180RND176		180GDD176		72V066CK	72LGX066CK 72LPX066CK	
					070	7	200ATMD176 200LAMD176	200RND176	200GLHD176	200GDD176		72V070CK	72LGX070CK 72LPX070CK	
		24			081	7	240ATMD176 240LAMD176	240RND176						
					084	7	240ATMD176 240LAMD176							
					093	7								
		27												
POWERsharp						A041 applications are available (see page 4)								
						PPF-280, PPT-280, PPT-265, PPT-265H, PPT-265S, PPT-266, PPT-266H, PPT-266S								
3/8	.050	10	91PX 91VG	91VXL 91VX	039	6	ORIGINAL EQUIPMENT GUIDE BAR							
					040	6				100SDEA041				
		12			044	6	ORIGINAL EQUIPMENT GUIDE BAR							
					045	6		120GPEA041		120DGEA041	105698	91VG045CK	91VXL045CK	
		14			047	6	120LAXA041							
					049	6	ORIGINAL EQUIPMENT GUIDE BAR							
3/8	.050	14	052	6	140LAXA041	140GPEA041		140DGEA041	105699	91VG052CK	91VXL052CK			
INTENZ*														
3/8	.050	12	91PX 91VG	91VXL 91VX	045	6		120GPET041		120DGET041		91VG045CK	91VXL045CK	
		14			052	6		140GPET041		140DGET041		91VG052CK	91VXL052CK	
MICRO-LITE*														
3/8	.043	10	90SG		039	6	ORIGINAL EQUIPMENT GUIDE BAR							
					040	6				104MLEA041				
		12			044	6	ORIGINAL EQUIPMENT GUIDE BAR							
					045	6				124MLEA041				
		14			049	6	ORIGINAL EQUIPMENT GUIDE BAR							
					052	6				144MLEA041		90SG052CK		

Equipment

CHAIN SAW CHAINS (CONT.)

SAW CHAIN						GUIDE BARS					DISPLAY PACKS			
														
SPECS (inches)			CHAIN PART NO.											
PITCH	GAUGE	BAR LENGTH	CHAIN TYPE	DRIVE LINKS	DRIVE TEETH	AT LA	RN RW GN PM	SL GL SP GP MG MP	SF SX PX GD MLB	SD DG MLE	COMBOS	CHAIN LOOPS		
											BAR & CHAIN	GREEN LABEL	YELLOW LABEL	
ECHO*														
POLE SAWS† PPF-210, PPF-211, PPF-225, PPT-230, PPT-231, PPT-260, PPT-261; POWER PRUNER: PP300, PP400, PP600, PP800, PP1200, PP1250, PP1260, PP1400, PP1400-D, PPF-2100, PPT-2100, PPF-2400, PPT-2400, PPSR-2122, PPSR-2433														
3/8	.050	8	91PX 91VG	91VXL 91VX	034	6								
		039			6					100SDEA218			91VXL039CK	
		044			6					120SDEA218		91VG044CK	91VXL044CK	
INTENZ*														
3/8	.050	12	91PX,VG	VX,VXL	044	6				120SDET218		91VG044CK	91VXL044CK	
MICRO-LITE*														
3/8	.043	10	90SG		039	6				104MLEA218		90SG039CK		
		044			6				124MLEA218			90SG044CK		
ECHO*														
CS-600P, CS-650, CS-660, CS-670, CS-680, CS-701, CS-702, CS-750, CS-6700, CS-8000														
3/8	.050	16	72V	72LGX 72LPX	060	7	160ATMD176	160GNDD176	160GLHD176			105707	72V060CK	72LGX060CK 72LPX060CK
		064			7									
		066			7		180RNDD176		180GDDD176			72V066CK	72LGX066CK 72LPX066CK	
		070			7	200ATMD176 200LAMD176	200GNDD176	200GLHD176	200GDDD176		105709	72V070CK	72LGX070CK 72LPX070CK	
		081			7	240ATMD176	240GNDD176							
		084			7	240ATMD176 240LAMD176								
		093			7		270GNDD176							
		105			7		320GNDD176							
		116			7		360GNDD176							
		CS-900, CS-1001												
3/8	.050	16	72V	72LGX 72LPX	060	7	160ATMD196	160RNDD196	160GLHD196	160GDDD096		105708	72V060CK	72LGX060CK 72LPX060CK
		064			8									
		066			7				180GDDD096			72V066CK	72LGX066CK 72LPX066CK	
		070			7	200ATMD196	200GNDD196	200GLHD196	200GDDD096		105710	72V070CK	72LGX070CK 72LPX070CK	
		081			7		240RNDD196							
		093			7		270GNDD196							
3/8	.063	21	75V	75LGX 75LPX	079	7	213ATMD196							

**PPF-225**

Fixed shaft power pruner cuts tough jobs down to size.

- ◆ 21.2 cc Power Boost Vortex™ engine
- ◆ 30% reduction in starting effort
- ◆ Rubber left and right handle grips
- ◆ 7'9" long with 3' extension also available

**PPT-266**

Professional features and long-reach cutting ability.

- ◆ 25.4 cc professional-grade engine for outstanding performance
- ◆ i-30™ starting system for reduced effort starting
- ◆ 2-stage commercial-grade air filtration for long engine life
- ◆ Aluminum inner drive shaft for torsion strength
- ◆ Automatic, adjustable oiler to match cutting conditions
- ◆ Ergonomic loop handle with rubber over-mold for comfort and handling
- ◆ Ribbed fiberglass outer shaft for rigidity and control

**PPT-266H**

Trimmer-style handle and long-reach cutting ability

- ◆ 25.4 cc professional-grade, 2-stroke engine for outstanding performance
- ◆ i-30™ starting system for reduced effort starting
- ◆ 2-stage commercial-grade air filtration for long engine life
- ◆ Aluminum inner drive shaft for torsion strength
- ◆ Automatic, adjustable oiler to match cutting conditions
- ◆ In-line handle with rubber over-mold for comfort and handling
- ◆ Ribbed fiberglass outer shaft for rigidity and control

**PPT-280**

- ◆ 28.1 cc Power Boost Vortex™ engine
- ◆ Extended length shaft (12" longer than ECHPPT265)
- ◆ Ergonomic handle w/ rubber overmold
- ◆ Side-access chain tensioner
- ◆ Branch extractor
- ◆ 12" bar length standard
- ◆ 10" and 14" bar sizes sold as an accessory



Specifications	Product Code/Description			
	PPF-225	PPT-266	PPT-266H	PPT-280
Engine Displacement (cc)	21.2	25.4	25.4	28.1
Engine Displacement (cu. in.)	1.29	1.55	1.55	1.71
Carburetor (w/Purge Pump)	Rotary-Valve Diaphragm	Rotary-Valve Diaphragm	Rotary-Valve Diaphragm	Rotary-Valve Diaphragm
Starting System	i-30™	i-30™	i-30™	Standard
Fuel Capacity (fl. oz.)	14.9	16.4	16.4	21.6
Length Collapsed (in.)	93	107	107	113
Length Extended (in.)	N/A	146	146	158
Optional Extension (ft.)	3	4	4	5
Bar Length (in.)	10	12	12	12
Dry Weight (lbs.)	13.9	17.4	17.2	19.2
Commercial Warranty	2 years	2 years	2 years	2 years

Equipment

POLE SAW ACCESSORIES



99946400010 3 FT. EXTENSION (ALL PPF MODELS)

- ◆ 3 Ft. Extension for Fixed Pruner
- ◆ Provides extra temporary reach when you need it. Fits all PPF models

99946400023 4 FT. EXTENSION (ALL PPT MODELS)

- ◆ 4 Ft. Extension for Telescoping Pruner
- ◆ Provides extra temporary reach when you need it. Fits all PPT models

FILES



Quality round and flat chain saw files sharpen chains with ease.

70504

5/32" Round File

70503

3/16" Round File

70502

7/32" Round File

70511

4.5mm x 8" Round Saw File

12211

Flat



SAW ACCESSORIES



POWERSHARP® STARTER KIT

The starter kit includes everything you need to get started with the PowerSharp precision saw chain sharpening system: PowerSharp chain, bar-mount sharpener, sharpening stone, and the PowerSharp guide bar.

- ◆ Bar-mount sharpener is small, lightweight, and portable. Clamps easily to bar tip.
- ◆ PowerSharp guide bar has the alignment and latch pin holes required for use with the bar-mount sharpener
- ◆ Chain features top-sharpening cutter design that can be sharpened in seconds, with the bar-mount sharpener
- ◆ All PowerSharp chain is low-kickback per ANSI B175.1 & CSA Z62.3
- ◆



SAW ACCESSORIES (CONT.)

ALSO AVAILABLE:

POWERSHARP® (PS-SERIES) SAW CHAIN

PowerSharp 91PS (Low Profile™) chain, a part of the PowerSharp precision saw chain sharpening system, features top-sharpening cutters with depth gauge tie straps and guidance drive links for low-kickback performance, good chip flow, and smooth cutting action. **IMPORTANT:** Designed to be used only with the PowerSharp system.



- ◆ Top-sharpening design allows the cutters to be sharpened in seconds, using the PowerSharp bar-mount sharpener
- ◆ Chisel-style cutters deliver efficient cutting and excellent stay-sharp.
- ◆ Ramped depth gauges and ramped guidance drive links deliver smooth cutting action and low-kickback performance
- ◆ All PowerSharp chain is low-kickback per ANSI B175.1 & CSA Z62.3

POWERSHARP® BAR-MOUNT SHARPENER WITH GUIDE BAR

The bar-mount sharpener, a part of the PowerSharp precision saw chain sharpening system, is a simple-to-use, lightweight attachment that sharpens PowerSharp chain in seconds.

Comes with a genuine PowerSharp guide bar. **IMPORTANT:** Designed to be used only with the PowerSharp system. Requires PowerSharp chain and sharpening stone.

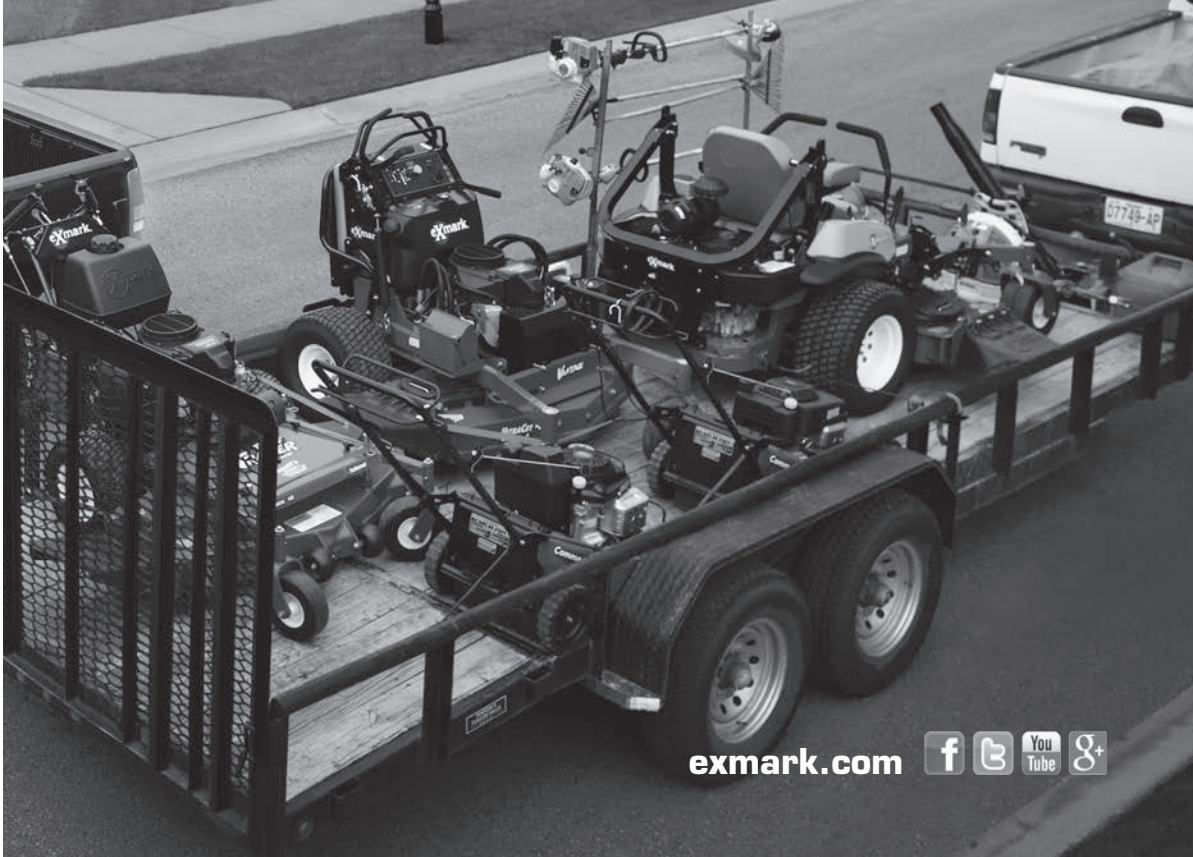
- ◆ Bar-mount sharpener is small, lightweight, and portable. Clamps easily to bar tip.
- ◆ Bar has alignment and latch pin holes, required for use with PowerSharp bar-mount sharpener.
- ◆ Slim symmetrical contour of bar is lightweight, maneuverable, and reversible for long life.
- ◆ Small-radius bar nose helps reduce kickback energies.





THE BRAND LANDSCAPE PROS PURCHASED 2 TO 1.

SEE YOUR HORIZON DEALER FOR A DEMO.



exmark.com



Equipment

MCLANE REEL MOWERS



All McLane front throw reel mowers incorporate both belt and chain drive for reliable and consistent results. They feature a penetrating bedknife to deter thatch buildup and an easy spin recoil starter. McLane mowers comply with all Federal Safety Standards. These mowers are ideally suited for all Bermudas, St. Augustines and Boysia grasses.



17-5.50GT-10

- ◆ 17" Push Mower 10 blade 5.50GT Briggs & Stratton OHV

17-5.50GT-7

- ◆ 17" Push Mower 7 blade 5.50GT Briggs & Stratton OHV

20-5.50GT-7

- ◆ 20" Mower 7 blade 5.50GT Briggs & Stratton OHV

MCLANE ROTARY MOWERS

McLane Rotary mowers feature induction heat-treated high strength armor plate steel blades for longer life. They have an all steel deck with a safety ring and wide tire wheels for easier pushing and level cutting. Cutting height from 1/2" to 3".



N21-6.75GT-P

- ◆ 21" Rotary Mower 6.75 GT B&S

N21-6.75GT-SP

- ◆ 21" Rotary Mower 6.75 GT B&S Engine Self Propelled

EXMARK COMMERCIAL 21 S-SERIES



ECSKA21

- ◆ Goodbye guesswork: The S-Series features an open-top bag, so it's easy for the operator to tell when it's full. No more wasted time dumping half-full bags.
- ◆ Single-speed transmission: Just engage and go, at speeds up to 4.2 mph. It's simple operation makes the S-Series a great mower for training new employees.
- ◆ Multi-purpose blade: The innovative blade design makes it easy to go from mulching to bagging. And vice versa..



EXMARK COMMERCIAL 21 X-SERIES

HN21, KA21 & KABBC21

- ◆ Patented front height adjust: Innovative, simple and built to last, our patented front height adjustment eliminates the need for pivot-style adjusters.
- ◆ The Exmark signature cut: The X-Series cutting deck is a full five inches deep to deliver a consistently great cut whether you're bagging or mulching.
- ◆ Single-point rear height adjust: This simple design lets the operator quickly and easily change cutting heights. And like every Exmark component, it's built to last.



EXMARK COMMERCIAL 30

ECKA30

- ◆ Twin-blade efficiency: The Commercial 30's timed blade system keeps the overall design compact while delivering a superior cut.
- ◆ Simplified maintenance: Its access panel makes for easy belt and blade adjustments. And less time in the shop means more time on the job.
- ◆ Heavyweight performance, lightweight handling: At just 170 pounds, the machine is surprisingly light for a commercial, 30-inch mower.



EXMARK METRO



MG481KA322P, MG481KA362, MG481KA483

- ◆ Simple drive belt maintenance: Yet another reason to own a Metro. Drive belts can be changed quickly and easily—no tools required.
- ◆ Enhanced Control System: Our patented ECS puts the operator's hands in a natural, neutral position to help reduce fatigue. Or, you can choose traditional pistol-grip controls.
- ◆ All-round performance: The Metro delivers excellent performance with speeds up to 6.2 mph and reverse assist. High-clearance, well-balanced decks also make curb climbing and trailering easy.



EXMARK VIKING



VH481KA362 & VH481KA483

- ◆ Deck options: With the Viking, you can choose either a 36-inch UltraCut™ Series 2 or 48-inch UltraCut Series 3 cutting deck.
- ◆ Operator-friendly: Instant forward-to-reverse with infinite speed control makes the Viking easy to operate. And with speeds up to 6.2 mph and 2.2 in reverse, it's also very productive.
- ◆ Exceptional traction: The Viking features large, 16 x 6.5-8 Turf Master® rear tires for extra grip while smooth-tread, semi-pneumatic front caster tires virtually eliminate flats.



EXMARK TURF TRACER S-SERIES

TTS481KA363, TTS481KA483, TTS541KA523, TTS600KAE483 & TTS600KAE523

CA Carb Approved Models available.

- ◆ Turnkey operation: Electric start is standard on Turf Tracer S-Series models with Kawasaki® FS600V engines.
- ◆ Forget flats: Standard 9 x 3.5-4 smooth-tread, semi-pneumatic front caster tires virtually eliminate tire repair.
- ◆ Smooth blade engagement: Exmark's® innovative, ultra-smooth blade engagement system minimizes maintenance and repair costs.



EXMARK TURF TRACER X-SERIES

TTX650EKCE604, TTX691KAE524 & TTX691KAE604

- ◆ Patented Enhanced Control System (ECS): Recent university tests showed landscape professionals prefer our control system to all others on the market.
- ◆ Superior air filtration: X-Series Turf Tracers come standard with heavy-duty canister air filtration systems for longer engine life, more efficient performance and simple maintenance.
- ◆ Clutch performance: A large-capacity, electromagnetic PTO clutch provides excellent durability for extra-long life.



EXMARK VANTAGE S-SERIES

VTS541KA363, VTS691KA484, VTS730EKC524 & VTS740EKC604

CA Carb Approved Models available.

- ◆ Patented Mechanical control system: With its solid rods, there are no cables to stretch, and no annoying loss of ground speed.
- ◆ Zero-maintenance spindles: Made from rugged, cast aluminum with sealed bearings, our spindles are designed to withstand the effects of moisture and impacts, no annual greasing required.
- ◆ Trailer-friendly: Its compact size and foldable operator platform take up less space. Vantage models also feature integrated tie-down points for secure trailering



Equipment

EXMARK VANTAGE-X SERIES



VTX651KA484, VTX691KA524, VTX730EKC524 & VTX740EKC604

- ◆ “Enhanced” X-Series: The Vantage X-Series now comes with our patented Enhanced Control System (ECS) for greater operator comfort and productivity.
- ◆ Operator platform: A rubber platform with self-compensating suspension provides a comfortable ride for any size rider. Patented, integrated thigh pads also pivot away, allowing easy access for maintenance.
- ◆ Upgraded hydro drive: Smoother operation and consistent control is made possible with our new 12 cc pump and 230 cc wheel motor. This upgrade translates to a maintained ground speed of up to 8 mph.



EXMARK PIONEER

PNE651KA482, PNE691KA522, PNS651KA483 & PNS651KA523

- ◆ Even filling up is efficient: A large, seven-gallon fuel tank with a single fill location translates to less time pumping gas and more time cutting grass.
- ◆ Maintenance-free spindles: Commercial-grade, cast aluminum spindles feature sealed bearings to resist damage from moisture and impact. No annual greasing is required.
- ◆ Lock down: An easy-to-use transport lock conveniently holds the deck up for trailering. It also enables manual feathering on uneven terrain.
- ◆ Safety-plus: First and foremost, the Rollover Protection System is an important safety feature. Plus, it's rear-sloping design helps deflect branches away from the operator.
- ◆ Comfort counts: The Pioneer features a bolstered seat with coil-spring suspension. Because operator comfort and productivity go hand-in-hand.



EXMARK QUEST

QTE651KA421, QTE691KA501, QTS691KA422 & QTS691KA502

- ◆ Treaded, pneumatic tires: Comfort and handling come standard with the E-Series' 13 x 5 front caster tires.
- ◆ Automatic braking system: For added safety, whenever the Quest's controls are put out, its brakes are applied automatically.
- ◆ Simple adjustment: With a single-point rake adjust, it's easy to adjust the Quest's cutting deck.
- ◆ Quick cleanup: The convenient wash-out port makes cleaning the deck as easy as attaching a garden hose.
- ◆ Superior handling: The Quest is designed with its heaviest components mounted low in the frame, toward the center of the machine. This low center of gravity improves handling and traction..



EXMARK NAVIGATOR

NV640KC42, NV640KC48 & NV730EKC48

- ◆ Bag / mulch versatility: The Navigator's fill-reduction system lets you bag 100%, bag 50% and mulch 50% or mulch 100%. All with versatile cutting deck and baffle system.
- ◆ “FeatherTouch” controls: As the name implies, you don't have to muscle the Navigator around. Its FeatherTouch controls make maneuvering tight spots virtually effortless.
- ◆ More capacity, more productivity: The 9.5-bushel hopper means less time emptying and more time mowing. An exclusive baffle design fills evenly back to front for maximum efficiency.



EXMARK LAZER Z E-SERIES



LZE600KA484, LZE691KA524, LZE730KA604SS & LZE740EKC604

- ◆ Safety plus convenience: Our Rollover Protection System (ROPS) is engineered for more than safety. Its rear-sloping design also diverts branches away from the operator. And it folds easily for transport.
- ◆ Single-point height adjust: This simple system lets you adjust deck height without resetting rake and level. Set height of cut from 1 to 5.5 inches by simply moving a bolt.
- ◆ On-board diagnostics: Check vital functions at a glance on the digital screen. An electronic fuel gauge, battery voltage warning, hour meter and OPC safety switch monitoring make troubleshooting easy.
- ◆ Hydro drive simplified: Our hydro drive system has no hoses to leak and just two, easy-to-change belts. Only simple, annual maintenance is required. It also lowers the center of gravity for improved handling.



EXMARK LAZER Z X-SERIES

LZX740EKC526, LZX801KA606, LZX921KA606, LZX921KA726, LZX940EKC606 & LZX980EKC726

- ◆ UltraCut™ Series 6 deck: This full-floating deck uses double-row bearings with a splined blade driver to stop bolt tightening on impacts. And our patented bearing design on idler arm pivots only needs annual service.
- ◆ Deck support system: A cutting deck this good deserves the best support possible. So, we developed a Panhard rod and strut system to eliminate side-to-side deck sway, reducing wear and maintenance costs.
- ◆ Durable drive system: Our exclusive hydro drive system sets new standards for durability. High-temperature seals minimize leaks. Specially formulated oils optimize cooling. And there are no hoses to leak.
- ◆ A new level of comfort: Comfort increases productivity. That's why we designed a new, ergonomically advanced seat system featuring our exclusive Iso-mount Seat Isolation System.



EXMARK LAZER Z S-SERIES

LZE600KA484, LZE691KA524, LZE730KA604SS & LZE740EKC604

- ◆ Feathering made easy: Our transport lock function makes it easy to feather the deck on uneven terrain. Keep the deck locked or unlocked in the "Up" position for smooth, scalp-free feathering.
- ◆ Gaining traction: Horsepower is meaningless if you can't get that power to the ground. That's why we use Carlisle® Turf Master® drive tires. Because serious performance demands serious traction.
- ◆ Less time at the pump: Gas-powered S-Series models have a single 12-gallon tank with one fill location. And our propane model uses a 10.3-gallon (43.5 lbs) tank. So fuel stops are fewer and farther between.
- ◆ Built to last: Want tough? Try a 10-gauge, formed and continuously seam-welded top. 7-gauge side skirt. Welded spindle mounting sites. And full-floating, 4-point suspension with 4 adjustable anti-scalp rollers.



EXMARK LAZER Z DS-SERIES

LZDS902K605, LZDS902K60RD, LZDS902K725 & LZDS902K72RD

- ◆ Lower temps = longer life: The DS-Series radiator is positioned to take advantage of maximum airflow. And it's wavy screen effectively increases the exposed surface area, further improving its cooling efficiency.
- ◆ Give it some air: We equipped the DS-Series with a canister air filtration system to ensure proper fuel/air mixture even in the dustiest conditions. And that can quickly add up to significant fuel savings.
- ◆ Frame strength: Given the extreme mowing conditions the DS-Series is intended to handle, its frame has to be extraordinarily strong. As in heavy-duty, welded, tubular-steel strong. Which is exactly what it is.



Equipment



AUGER

EA-410

Powerful 42.7 cc engine makes this earth/ice auger a reliable tool for any digging operation.

- ◆ Designed for a wide variety of auger diameters
- ◆ Available auger lengths: 34" (881 mm)
- ◆ Turns into a powerful ice auger for year-round use

EA-500

- ◆ 51.7 cc engine designed for digging a wide range of holes for planting small trees, fence posts, poles and road signs
- ◆ Additional handle allows for two-person operation



DRILL ACCESSORIES CHART

Product Code	Description
99944900011	2.5" Bulb/Plant Auger, 24" long
99944900021	3" Bulb/Plant Auger, 24" long
99944900040	1.125" Deep Root Auger, 24" long
99944900061	3" Heavy Duty Auger, 18" long
99944900070	7" Gallon Pot Auger, 12" long
99944900020	Engine Drill Keyless Chuck
99944900021	Keyed Chuck Kit for EDR-260

AUGER ACCESSORIES CHART

Product Code	Description
99944900150	2" earth auger w/ point
99944900160	3" earth auger w/ point
99944900170	4" earth auger w/ point
99944900180	6" earth auger w/ point & spring
99944900190	8" earth auger w/ point & spring
99944900200	10" earth auger w/ point & spring
99944900210	18" extension shaft — 7/8" diam
99944900220	12" extension shaft — 7/8" diam
99944900230	4" replacement blade — earth auger
99944900240	6" replacement blade — earth auger
99944900250	8" replacement blade — earth auger
99944900260	10" replacement blade — earth auger
99944900270	Replacement point — earth auger
99944900370	8" ice auger dual blade
99944900275	10" ice auger dual blade
99944900280	8" replacement blade — ice auger
99944900290	10" replacement blade — ice auger
99944900300	8" Replacement Blade
99944900310	8" r10" Replacement Blade
99944900335	10" r7/8 "to 1" Adapter w/Spring



DRILL

EDR-210

Cordless convenience in a heavy-duty drill.

- ◆ 21.2 cc engine
- ◆ 0-450 RPM forward/reverse
- ◆ Torque (ft. lb.) — 11
- ◆ Maximum chuck diameter — 1/2" standard
- ◆ Pro-Fire® Electronic ignition for quick, easy starts
- ◆ Throttle lock-out prevents accidental drill bit rotation
- ◆ Heavy-duty keyed chuck holds up to 1/2" drill shank



Specifications	Product Code/Description	
	EDR-210	EDR-260
Engine Displacement (cc)	21.2	25.4
Carburetor (w/Purge Pump)	Butterfly-Valve Diaphragm	Butterfly-Valve Diaphragm
Starting System	Standard	Standard
Fuel Capacity (fl. oz.)	14	14
Gear Reduction Ratio	17.1:1	17.1:1
RPM	0-450 Forward/Reverse	0-450 Forward/Reverse
Torque (ft. lb.)	11	12
Maximum Chuck Diameter	1/2" Standard	1/2" Keyless
Dry Weight (lbs.)	10	10.7
Commercial Warranty	1 year	1 year



EDR-260

Heavy-duty gear reduction converts engine power into tough drilling torque.

- ◆ All-position diaphragm with purge pump carburetor allows operation at any angle
- ◆ 1/2" keyless chuck
- ◆ Reversible function — 0-450 RPM forward/reverse
- ◆ Torque (ft. lb.) — 12

WP-1000

- ◆ Ideal for general purpose pumping, draining, filling, and lawn and garden irrigation
- ◆ Discharges up to 28 gal. per min. and 1,680 gal. per hour





TR-20H/TR-20B

- ◆ Powers its way through thick thatch and root-bound grass, giving it new life and promoting deep root growth
- ◆ 5-position, single action height adjustment
- ◆ 5 hp Briggs & Stratton (CLATR20B) or 5.5 hp Honda O.H.V. engine with oil alert (CLATR20H)



TR-C20H/TR20B

- ◆ Same great features of the TR20, including catcher bag
- ◆ 5 hp Briggs & Stratton (TR20B) or 5.5 hp Honda O.H.V. engine with oil alert (TR20H)



PR-PR22H5FA – 22" FLAIL, 4.8 HP HONDA GX160 PR-22H5NRA – 22" NO REEL-HONDA GX160 4.8 HP

- ◆ Features a modular platform that can be configured to a power rake, seeder or power rake with rear catcher bag to collect thatch
- ◆ Pin deck depth adjustment has seven settings in 1/4" increments
- ◆ 22" raking width with 4.8 hp Honda engine



TILLER/CULTIVATOR



TC-210

- ◆ Four, 10-tooth tines provide smooth tilling action for up to 9" wide furrow
- ◆ Worm gear-type transmission provides fine RPM and high torque



7225-15-02

- ◆ Patented serpentine tines
- ◆ Till down through 10"
- ◆ Chop tough sod or hard clay
- ◆ Lifetime guarantee on tines
- ◆ Fold down handles
- ◆ Easy transport or storage
- ◆ Commercial-grade 2-cycle engine



SOD CUTTERS



CLASSEN SOD CUTTERS

- ◆ Ideal for use in golf course maintenance, landscape contractors, cemeteries, park and athletic fields, nurseries and concrete installers
- ◆ 4-cycle 5.5–8hp Honda O.H.V. engine with built in 2:1 reduction and centrifugal clutch
- ◆ Clutch/brake lever for ease in unloading machine backwards from truck or trailer
- ◆ 12" – 18" cutting width



SC-18

- ◆ Four wheel drive for easy cutting on slopes and transport
- ◆ 4-forward speeds including 2 c
- ◆ 5.5 hp (4kw) Honda oil bath w/centrifugal clutch



Equipment

SEEDERS



TS-20H/TS-20B

- ◆ Multipurpose machine for seeding a new lawn or overseeding an existing lawn
- ◆ 5-position, single action height adjustment
- ◆ 5 hp Briggs & Stratton (TS20B) or 5.5 hp Honda O.H.V. engine with oil alert (TS20H)



TSS-20H – 20" SELF PROP. OVERSEEDER, HONDA GX160 TSS-20B – 20" SELF PROP. OVERSEEDER, B&S INTEK 85

- ◆ Infinite speed from 0 to 3.4 mph eliminates fatigue on operator
- ◆ Operates forward and reverse, is great on hills and makes loading and unloading a snap
- ◆ Constant speed ensures more consistent seed placement
- ◆ Folding handle and quick-remove seed box for easy transportation
- ◆ 26 heat-treated multipurpose blades, uniquely designed with cutting edge on both ends of blade for double the life
- ◆ 1–1/2" spacing between blades 5-position, single action height adjustment
- ◆ Durable, easily removable covered seed box is mounted higher to eliminate clogging
- ◆ Pin attachment design allows for quick removal of seed box to empty out excess seed
- ◆ Heavy duty, greasable bearings with cast iron housings
- ◆ Wheels have sealed bearings and semi-pneumatic tires
- ◆ Can be converted to a dethatcher or vertical cutter in minutes
- ◆ Self-Propelled models cannot be converted to a catcher bag attachment.
- ◆ Partial and Complete Reel Assemblies are available to retrofit your existing Classen TS or TSS model
- ◆ 2-Year Warranty



Product Number	TS-20H/TS-20B	TSS-20H/TSS-20B
ENGINE	Honda GX160 or 5.5 hp Briggs & Stratton® Intek	
DIMENSIONS	39"H x 27"W x 51"L	39"H x 31.5"W x 51"L
DIMENSIONS (HANDLE FOLDED)	29.5"H x 27"W x 30.5"L	34"H x 31.5"W x 37"L
DRY WEIGHT	150 lbs.	237 lbs.

SEEDERS (CONT.)



SS-22B5DA/SS-22H5DA

The S22 Seeder is well balanced and portable thanks to the placement of the seed hopper and its folding handle. The 30-lb capacity polymer hopper features a site window and is mounted at the rear to ensure easier maneuverability and minimal seed damage during overseeding.

- ◆ Working width: 22 inch
- ◆ Standard blade type: Delta blade



AERATORS



TA-19D

- ◆ 19" aerating width fits through 30" gate, covers 24,000 sq. ft. per hour
- ◆ 30 tines with coring depth up to 2.75"
- ◆ 4 hp Honda engine



TA-26D

- ◆ 26.5" aerating width fits through 36" gate by easily removing rear wheels, covers 34,000 sq. ft. per hour
- ◆ 42 tines with coring depth up to 2.75"
- ◆ 4 hp Honda engine

TA-17D SPLIT DRIVE

- ◆ Patented split drive technology permits operator to steer, turn and aerate non-stop without raising tines out of the ground
- ◆ 16.25" aerating width fits through 30" gate, covers 19,333 sq. ft. per hour
- ◆ 24 tines with coring depth up to 2.75" and hole pattern of 4.06" X 7"
- ◆ 4 hp Honda engine



AERATORS (CONT.)

TA-25D SPLIT DRIVE

- ◆ Patented split drive technology permits operator to steer, turn and aerate non-stop without raising tines out of the ground
- ◆ 24.375" aerating width fits through 36" gate by easily removing rear wheels, covers 29,000 sq. ft. per hour
- ◆ 36 tines with coring depth up to 2.75" and hole pattern of 4.06" X 7"
- ◆ 4 hp Honda engine

TOW/3PT. (MANUAL LIFT)

Product Code	Aerating Width	Tine Qty.
CLA48RT	42"	48
CLA60RT	52"	60
CLA72RT	62"	72

3 PT. ONLY

Product Code	Aerating Width	Tine Qty.
CLA48RT	42"	48
CLA60RT	52"	60
CLA72RT	62"	72



H-530A/B-530B

Greater productivity, better maneuverability and a user-friendly design are just a few of the features that make the 530 a breeze to operate.

- ◆ Aerating width: 19 inch
- ◆ Aerating depth: 0-3 inch
- ◆ Aerating pattern: 3.8x4.2 inch



B-742/H-742

The 742 Lawn Aerator offers the highest productivity in the market. A 4 HP Honda engine with a synchronized clutching system allows for smooth starts, while the 742's rugged design provides low maintenance and outstanding durability for profitable operation.

- ◆ Aerating width: 25.5 inch
- ◆ Aerating depth: 0-3 inch
- ◆ Aerating pattern: 3.6x6.8 inch



AERATORS (CONT.)



SAR-481KA30

Nothing beats the Exmark® Stand-On Aerator for productivity. With speeds up to 7 mph, you can aerate more than two acres per hour. And the two center tine sets are free-turning, so its easy to aerate around trees and flower beds.

- ◆ Weight directly over tines to maximize core depth
- ◆ Compact size as compared to competitive offerings
- ◆ Split tines for easier turning with tines engaged
- ◆ Self-cleaning and easy to replace tines
- ◆ Foot pedal for tine engagement
- ◆ Tine down - force hydraulic actuated (also adjustable)
- ◆ 1-year limited warranty



SPECIFICATIONS	(SAR481KA30) 30" STAND-ON AERATOR
Power Components	
Engine:	Kawasaki®
Model:	FS481V
Type:	electric start
Transmission:	Hydro Gear ZT3100
Speed:	7.0 mph
Fuel Capacity:	5 gallons
Equipment	
Working Width:	30"
Rear Tires:	16 x 6.50-8
Front Tires:	13 x 5-6 semi pneumatic/\n casters
Drive:	#50 chain
Number of Tines:	48 coring tines
Core Depth:	2"-5"
Plugs / Square Foot:	4.6
Miscellaneous	
Overall Width:	48"
Overall Height:	53"
Overall Length:	65"
Weight:	1015 lbs
Warranty:	1-year limited

Equipment

AERATORS (CONT.)



ARS-180KA21

Our 21-inch, transaxle-drive S-Series aerator is incredibly easy to use, thanks to straightforward controls for intuitive operation. Reaching speeds up to 4 mph, it's capable of aerating nearly an acre per hour.

- ◆ Easy to use controls
- ◆ Intuitive operation
- ◆ Removable suitcase weights
- ◆ Low effort maneuverability as compared to competitive offerings
- ◆ Self-cleaning and easy to replace tines
- ◆ Powered by FJ180V Kawasaki KAI series engine
- ◆ 1-year limited warranty



SPECIFICATIONS	(ARS180KA21) 21" AERATOR S-SERIES
Power Components	
Engine:	Kawasaki®
Model:	FJ180V KAI
Type:	recoil start
Transmission:	Hydro Gear T2
Speed:	4.0 mph
Fuel Capacity:	1 gallon
Equipment	
Working Width:	21"
Rear Tires:	10 x 2.75-5.5 solid
Front Tires:	11 x 4-4
Drive:	#40 chain
Number of Tines:	36 coring tines
Core Depth:	2"-3"
Plugs / Square Foot:	4.6
Miscellaneous	
Overall Width:	30"
Overall Height:	38" (handle folded) 46" (handle up)
Overall Length:	48" (handle folded) 58" (handle up)
Weight:	320 lbs (includes one 30 lb wt)
Warranty:	1-year limited

SLICER/SEEDERS



SLICER SEEDER MODEL: SD-270SU20

An Exmark® slicer seeder that's efficient, durable, compact, and easy to use. It also distributes seeds quickly and uniformly.

- ◆ The wide stable base delivers good side hill stability and even cutting
- ◆ Verticutting reel
- ◆ Integrated lift handles and foldable handles improve transport and storage
- ◆ Seed rate regulated by ground speed for even seed distribution
- ◆ Increase seed/soil contact Removes thatch High-carbon steel for improved durability
- ◆ Features Subaru EX27 engine
- ◆ 1-year limited warranty



SPECIFICATIONS	(SD270SU20) 20" SLICER SEEDER
Power Components	
Engine:	Subaru
Model:	EX270
Equipment	
Clutch:	Noram mechanical
Tires:	10 x 2.75-5.5 solid
Front Tires:	11 x 4-4
Cutting Depth:	#40 chain
Number of Tines:	Adjustable up to 1" deep
Seeding / Slicing Width:	20"
Hopper Size:	40 lbs.
Miscellaneous	
Overall Width:	30"
Overall Height:	28" (handle folded) 45" (handle up)
Overall Length:	27" (handle folded) 52" (handle up)
Weight:	260 lbs
Warranty:	1-year limited

ROTARY BROOMS



BR-270KC36

Whether it's cleaning up grass clippings, removing snow or anything in between, Exmark's walk-behind rotary broom is one well-sorted machine. The patented power steering system makes it extremely easy to maneuver. The 36-inch wide brush (25-inch outer diameter) is specifically designed to minimize surface impact - perfect for snow and ice removal

- ◆ Brush design minimizes impact and surface damage while cleaning more effectively
- ◆ Independent control levers to engage broom and ground drive
- ◆ Proven commercial variable speed shift-on-the-fly transmission features six-position forward and two-position reverse
- ◆ The Kohler® engine functions as a multi-season engine as the air intake rotates 180°
- ◆ Commercial performance & results that can be utilized as a broom on a lawn dethatcher
- ◆ Reinforced handlebars for durability
- ◆ Integrated tie-down points for trailering



SPECIFICATIONS	(BR270KC36) 36" ROTARY BROOM
Power Components	
Engine:	Kohler® Command™ Pro
Model:	CH270
Transmission:	Friction disc
Steering:	Power steering with clutch left and right hand
Fuel Capacity:	4.2 quarts
Equipment	
Broom Angle:	40° total. 20° left and 20° right.
Broom Width:	36" (18 wafers)
Broom Diameter:	25"
Broom Speed:	200 RPM
Broom Drive:	Direct
Starter:	Recoil
Tires:	15" x 5"
Miscellaneous	
Weight:	350 lbs.
Warranty:	1 year limited. 2 year limited on engine.

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STUMP GRINDERS



SG-1314/SG-1314B

- ◆ Maximizes cutting performance with its 14" diameter blade with carbide-tipped teeth, offering a variable cutting depth up to 12"
- ◆ Well-balanced design offers commercial power and high productivity
- ◆ 13 hp Honda with cyclone air filter and Noram Nutomatic Centrifugal Clutch



Equipment

ACCESSORIES

TURFGRO

TURFGRO OIL

TurfGro Pro Power Premium Oils are top of the line and meet all current industry standards.

- ◆ Blended by a leading manufacturer of power equipment oil to deliver same quality as those offered by industry leaders
- ◆ Going directly to the manufacturer means a better price for you
- ◆ 2-cycle oil meets or exceeds ISO, L-ED and JASO-FC industry standards
- ◆ Specially formulated with additives that help stabilize fuel/oil mix for extended periods of storage, either in power equipment or in the fuel container
- ◆ Lower exhaust smoke, improved lubricity, less carbon build up, reduced oxidation and better overall performance

TurfGro Oil	
Product Code	Description
SM5002TG	2.6 OZ 2 CYCLE OIL
SM5123TG	6.4 OZ 2 CYCLE OIL
SM5063TG	12.8 OZ 2 CYCLE OIL
SM5004TG	1 GAL 2 CYCLE OIL
SM5105TG	5 GAL 2 CYCLE OIL
SM5055TG	55 GAL 2 CYCLE OIL
BC3104TG	1 GAL BAR & CHAIN OIL
LM1112TG	1 QT 10W30 4 CYCLE ENGINE OIL



Gasoline U.S. Gal.	Oil at 50:1*	Oil at 40:1	Oil at 32:1
50	1 gal.	1.25 gal.	1.5 gal.
5	12.8 oz.	16 oz.	20 oz.
2.5	6.4 oz.	8 oz.	10 oz.
1	2.6 oz.	3.2 oz.	4 oz.

* recommended rate

ASK US ABOUT CASE QUANTITY DISCOUNTS

TURFGRO

TURFGRO DIAMOND, BLAZER OR VORTEX LINE

- ◆ Superior wear provided through the use of specialized copolymer trimmer line resins
- ◆ Outstanding toughness: Engineered for ultimate impact resistance and less line failure
- ◆ Processed to minimize line split and fraying
- ◆ Added rigidity for improved cutting
- ◆ Consistency of product and superior quality control

TURFGRO VORTEX TRIMMER LINE

- ◆ Significant improvement in energy efficiency
- ◆ Up to 50% noise reduction in larger diameter lines
- ◆ Increased RPMs allows use of larger diameter lines

TurfGro Trimmer Line										
	Vortex						Diamond & Blazer			
	.080	.095	.105	.130	.155	.080	.095	.105	.130	.155
1 lb.	X	X	X	X	X	X	X	X	X	X
2.4 lb.	X	X	X	X	X					
3 lb.							X	X	X	X
4 lb.	X	X	X	X	X					
5 lb.						X	X	X	X	X

* Larger spool sizes available upon request. Call your local Horizon sales representative for more information.

TURFGRO ADJUSTABLE HEAD

- ◆ Bump and feed tap head
- ◆ Universal head fits most commercial line trimmers
- ◆ Single spool feature allows for single or dual line indexing
- ◆ Large capacity spool can hold up to 40 ft. of .095 trimmer line
- ◆ Simple, problem-free indexing mechanism
- ◆ Recommended for use on trimmers under 30cc



Horizon Service Centers

Horizon Service Centers provide the highest level of repair services in the industry. We offer repair and maintenance on most landscape equipment products, including BlueBird, Briggs & Stratton, Classen, Echo, Exmark, Husqvarna, Kawasaki, Kohler, Makita, McLane, RedMax, Shindaiwa, Toro TRX and more. We understand that when your machine is down, you are too. That's why we've opened regional service locations staffed with factory-trained technicians and a huge assortment of parts. Our goal is to fix your machine and get it back in the field as soon as possible, with as little delay to you as possible. You'll find our landscape equipment service center locations at our stores in:

- ✓ Phoenix, AZ
- ✓ Concord, CA
- ✓ Sacramento, CA
- ✓ San Diego, CA
- ✓ San Jose, CA
- ✓ Littleton, CO
- ✓ Boynton Beach, FL
- ✓ Boise, ID
- ✓ Gaithersburg, MD
- ✓ Tigard, OR
- ✓ Austin, TX
- ✓ Bedford, TX
- ✓ Houston, TX
- ✓ Bellevue, WA
- ✓ Spokane, WA



Question about parts?

Call Horizon's Parts Hotline at 844-411-PARTS

Equipment



POWER-V XT PLOWS

Lets you choose from the Scoop-, Straight-, or V-position or any position in between.

- ◆ Available sizes: 7'6", 8'2", 9'2"
- ◆ SmartTouch 2™ control
- ◆ SmartHitch 2® attachment system
- ◆ High-performance hydraulic package
- ◆ Enclosed hydraulic system
- ◆ Hydraulic cylinder lifting system (no chains)
- ◆ Full moldboard trip design
- ◆ Heavy-duty push frame and center section
- ◆ Diagonal cross-bracing
- ◆ 1/2" thick cutting edge



POLY POWER-V XT PLOWS

Finish a job up to 30% faster than traditional Straight-Blade Snowplows.

- ◆ Available sizes: 8'2", 9'2"
- ◆ All the reliable qualities of Power-V Plows, with benefits of the nonstick polyethylene moldboard
- ◆ Move more snow more quickly
- ◆ Snow won't stick so you can save time and fuel



HEAVY DUTY POWER-V DXT PLOWS

Designed specifically for heavy-duty applications: parking lots, intersections, etc.

- ◆ Poly/Steel/Stainless Steel Options available.
- ◆ 8'2", 9'2" and 10' options available



BOSS SNOW PLOWS

STRAIGHT-BLADE PLOWS

Proven choice for professionals and homeowners alike.

- ◆ Available sizes: 7'6", 8', 8'6", 9'0" Super-Duty
- ◆ SmartTouch 2™ control
- ◆ SmartHitch 2® attachment system
- ◆ High-performance hydraulic package
- ◆ Enclosed hydraulic system
- ◆ Hydraulic cylinder lifting system (no chains)
- ◆ Full moldboard trip design
- ◆ Heavy-duty push frame and center section
- ◆ Diagonal cross-bracing
- ◆ Blade shock absorber
- ◆ Heavy-duty A-frame and quadrant
- ◆ 1/2" thick cutting edge



POLY-STRAIGHT-BLADE PLOWS

- ◆ Available size: 8' Super-Duty
- ◆ All the reliable qualities of Steel Straight-Blade Plows, with the benefits of a non-stick polyethylene moldboard
- ◆ Snow won't stick, which saves time, fuel, and wear and tear
- ◆ The poly blade is saturated with color so nicks and scratches don't show
- ◆ 7'6" standard duty option



SUPER DUTY STRAIGHT-BLADE PLOWS

- ◆ All the reliable qualities of Steel Straight-Blade Plows
- ◆ Optimized blade curl means snow rolls cleanly off the blade
- ◆ Designed for medium-duty trucks and built for heavy-duty use
- ◆ 7'6", 8'0", 8'6" & 9'0" options available



POLY SPORT DUTY PLOW

Designed specifically for personal use.

- ◆ Perfect for downsized 4 X 4 or SUV
- ◆ SmartTouch 2™ control
- ◆ Enclosed hydraulic system
- ◆ 26" Blade Height
- ◆ 7'0" & 7'6" options available



BOSS BOX PLOWS: BX-12, B-8 & B-10

- ◆ High-efficiency moldboard features a 70 degree angle that reduces resistance
- ◆ Self-adjusting box wings automatically adjust to pavement contour
- ◆ Self adjusting hitch automatically adjusts the blade to negotiate any terrain
- ◆ Rugged support struts add structural strength
- ◆ Trip-edge design allows each cutting edge segment to trip individually
- ◆ Tested heavy-duty trip springs
- ◆ Universal fork mounting system coupler easily attaches for Skid Steer applications (B8 & B10 models)
- ◆ Support struts pivot for structural strength, stability and reliability
- ◆ 2-year limited warranty on parts & labor

**BOSS SMARTHITCH TGS-600, TGS-800 AND TGS-1100 MINI TAILGATE SPREADER**

Designed to apply dry, free-flowing materials such as salt and other de-icers.

- ◆ Low-profile poly hopper
- ◆ Power attach/detach
- ◆ Poly "adjustable" deflector allows you to adjust pattern of material discharge
- ◆ 12" diameter poly spinner with special-shaped spinner flutes for a consistent discharge pattern
- ◆ Variable speed control with built-in "blast" feature and "overload protection" with pulsed start-up

**TGS-600****TGS-800****TGS-1100****MEYER SNOW PLOWS**

Meyer
SNOW PLOWS

**ST SERIES**

Perfectly sized for personal use.

- ◆ Available size: 7'5"
- ◆ For 4 X 4 standard duty pickups
- ◆ State-of-the-art powder coat paint is applied to moldboards, lift frames, mounting components, sector and A-frames which produce a durable high gloss enamel-like finish

Product Code	Moldboard Length	Moldboard Gauge	Vertical Ribs	Trip Springs	Cutting Edge	Plow Width at Full Angle	Sector	Power Angling Arms	
Meyer ST-7.5	7 1/2'	25"	12 Steel	4	3	3/8" X 6"	79"	11"	1-1/2" X 10"

C SERIES

Designed to take the daily wear and tear professional contractors and commercial landscapers demand.

- ◆ Available sizes: 7'5", 8', 8'5", 9'
- ◆ Heavy-duty moldboards are constructed from heavy-gauge steel and deliver outstanding strength
- ◆ All moldboards have vertical ribs and massive, adjustable trip springs to help protect the driver and equipment from damage caused by snow-covered objects



	Moldboard Length			Vertical Ribs	Trip Springs	Cutting Edge	Plow Width at Full Angle	Sector	Power Angling Arms
Meyer C-7.5	7 1/2'	28"	12 Steel	6	4	3/8" X 6"	79"	15"	1-1/2" X 12"
Meyer C-8	8'	28"	12 Steel	6	4	1/2" X 6"	84"	15"	1-1/2" X 12"
Meyer C-8.5	8 1/2'	28"	12 Steel	6	4	1/2" X 6"	88"	15"	1-1/2" X 12"
Meyer C-9	9'	28"	12 Steel	6	4	1/2" X 6"	93"	15"	1-1/2" X 12"

Equipment

MEYER SNOW PLOWS (CONT.)

POLYETHYLENE PLOWS

- ◆ Available sizes: 7', 8', 8.5', 9'
- ◆ Meyer Max® Moldboards are constructed of a one-piece, unsplined sheet of very high molecular weight polyethylene
- ◆ Low coefficient of friction, self-lubricating and very slippery
- ◆ High resistance to abrasion extends moldboard surface life. Resists abrasion six times better than carbon steel
- ◆ High resistance to impact - better than steel or polycarbonates
- ◆ Will not rust. Never needs painting, and ultraviolet protection is an integral part of the polyethylene composition
- ◆ Zero water absorption, resists snow and ice freezing to surface



Product Code	Moldboard Length	Moldboard Gauge	Vertical Ribs	Trip Springs	Cutting Edge	Plow Width at Full Angle	Sector	Power Angling Arms	
Meyer CP-7.5	7 1/2'	30"	3/8" Poly	6	4	3/8" X 6"	79"	15"	1-1/2" X 12"
Meyer CP-8	8'	30"	3/8" Poly	6	4	1/2" X 6"	84"	15"	1-1/2" X 12"
Meyer CP-8.5	8 1/2'	30"	3/8" Poly	6	4	1/2" X 6"	88"	15"	1-1/2" X 12"
Meyer CP-9	9'	30"	3/8" Poly	6	4	1/2" X 6"	93"	15"	1-1/2" X 12"

TM SERIES

Personal-use snowplows for smaller sport utility vehicles and light-duty pickup trucks.

- ◆ Designed specifically to fit the weight limits and axle capacities of smaller vehicles
- ◆ Tough, durable and reliable
- ◆ Available in three steel models and two polyethylene models
- ◆ Widths from 5' up to 7' to fit a wider range of vehicles



Product Code				Vertical Ribs	Trip Springs	Cutting Edge	Plow Width at Full Angle	Power Angling Arms	Weight Complete
Meyer TM-5	5'	23"	14 Steel	4	2	3/8" X 6"	64"	1-1/2" X 10"	420lbs.
Meyer TM-6	6'	23"	14 Steel	4	2	3/8" X 6"	64"	1-1/2" X 10"	420lbs.
Meyer TM-6.5	6 1/2'	23"	14 Steel	4	2	3/8" X 6"	69"	1-1/2" X 10"	443lbs.
Meyer TML-6.5	6-1/2'	23"	14 Steel	4	2	1/4" X 6"	69"	1-1/2" X 10"	425lbs.
Meyer TMP-6.5	6 1/2'	23"	3/8" Poly	4	2	3/8" X 6"	69"	1-1/2" X 10"	455lbs.
Meyer TMP-7	7'	23"	3/8" Poly	4	2	3/8" X 6"	74"	1-1/2" X 10"	481lbs.

LOT PRO

- ◆ Available sizes: 7'5", 8', 8'5", 9', 10'
- ◆ Steel snow plow
- ◆ Tallest and most aggressive contractor class moldboard on the market, with a 32" height and 75° attack angle
- ◆ Better overall clearing performance in less time



Product Code				Vertical Ribs	Trip	Cutting Edge	Plow Width at Full Angle	Power Angling Arms	Weight
Meyer LP-7.5	7 1/2'	32"	12 Steel	6	4	3/8 X 6"	90"	1-1/2" X 10"	733lbs.
Meyer LP-8	8'	32"	12 Steel	6	4	1/2 X 6"	96"	1-1/2" X 10"	820lbs.
Meyer LP-8.5	8 1/2'	32"	12 Steel	6	4	1/2 X 6"	102"	1-1/2" X 10"	835lbs.
Meyer LP-9	9'	32"	12 Steel	6	4	1/2 X 6"	108"	1-1/2" X 10"	843lbs.
Meyer LP-10	10'	32"	12 Steel	6	6	1/2 X 6"	120"	1-1/2" X 10"	865lbs.

DP SERIES DRIVE PRO

Meyer DP 6'8" Contractor Drive Pro Series.

- ◆ Steel snow plow
- ◆ Lightweight yet rugged commercial plow
- ◆ Designed to make it easier for contractors to plow driveways, condos or anywhere there is a limited amount of space
- ◆ For smaller vehicles like light pick-ups or SUVs



Product Code				Vertical Ribs	Trip	Cutting Edge	Plow Width at Full Angle	Power Angling Arms	Weight
Meyer DP 6'8" Contractor	6' 8"	22"	14 Steel	6	2	1/4" X 6"	72"	1-1/2" X 10"	405lbs.

EZ-MOUNT XPRESS

Mounts in seconds and requires no pins, no holes, no twisting or turning.

- ◆ Automatically attaches and locks to the truck
- ◆ Features a highway style plow with an aggressive 75° attack angle delivering maximum snow removal capacity
- ◆ Plow is offered with a full-trip or bottom-trip



Super easy, super fast, super tough.

- ◆ Available sizes: 8'5" and 9'5"
- ◆ One touch controller and dual-acting cylinders
- ◆ Each of its bottom-trip moldboards can trip independently
- ◆ Upper and lower deflectors
- ◆ Laser cut ribs and plates ensure tight tolerances and more precise, longer lasting moldboard



				Vertical Ribs	Trip Springs	Cutting Edge	Plow Width at Full Angle	Power Angling Arms	Weight Complete
Meyer	8' 5"	30.5"	12 Steel	4 per wing	2 per wing	1/2" X 6"	88"	12" Double Acting	955lbs. w/ Wing Deflectors
Meyer	9' 5"	30.5"	12 Steel	4 per wing	2 per wing	1/2" X 6"	88"	12" Double Acting	955lbs. w/ Wing Deflectors

ROAD PRO

Full-Trip and Bottom-Trip municipal snowplows are the most robust and most versatile plows.

- ◆ Available sizes: 9' and 10'
- ◆ Aggressive attack angle, with 15" overhang and precision-cut radius
- ◆ Throws snow higher and farther to leave only the cleanest roads behind
- ◆ 65° attack angle and precise curvature create superior snow rolling action
- ◆ Moldboards are constructed using 10-gauge steel or 3/8" polyethylene



					Trip	Plow Width at Full Angle	Power Angling Rams	Weight Complete	Blade Type
Meyer RP-9	9'	36"	10 Steel	8	6	1/2" X 6"	93"	2 1/2" X 11 1/2"	1562lbs. w/o options Full-Trip
Meyer RP-10	10'	36"	10 Steel	8	6	1/2" X 6"	103"	2 1/2" X 11 1/2"	1610lbs. w/o options Full-Trip
Meyer RPP-10	10'	36"	3/8" Poly	8	6	1/2" X 6"	103"	2 1/2" X 11 1/2"	1590lbs. w/o options Full-Trip

DIAMOND EDGE SERIES

Tallest, most aggressive bottom-trip snowplow available.

- ◆ Available size: 10'
- ◆ 31.5" attack angle and precise curvature that delivers superior path clearing
- ◆ Snow rolling action that moves more snow in less time
- ◆ Bottom trip: Only the lower portion of the plow gives way, while the rigid moldboard remains upright so the load is not lost
- ◆ All Meyer Diamond Edge™ plows are built with reliable over-time construction



Product Code			Vertical Ribs	Trip	Cutting Edge	Plow Width at Full Angle	Power Angling Rams	Weight	Blade Type
Meyer DAGC-10	10'	36"	10 Steel	8	8	3/4" X 6"	103"	2 1/2" X 11 1/2"	1850lbs. w/o options Bottom-Trip

MEYER SPREADERS

MEYER BASE LINE SPREADER 240

Meyer Base Line tailgate spreaders offer contractors economical ice control.

The BL-240 is available in a 3.7 cu. ft. capacity, is easy-to-use and perfect for small-to-medium-sized jobs like icy walkways and long, snowy driveways.



Model: BL 240	Part #: 31100	Hopper Width: 23"	Hopper Depth: 18"
Hopper Height: 20"	Total Height: N/A	Spread Width (min-max): 3' - 25'	Empty Weight: 96 lbs.
Max Capacity Load: 3.7 cu ft	Max Capacity Weight: 296 lbs (80lbs./cubic foot)	Spreading Material: Bagged Rock Salt	Operating System: 12V Electric
Horse Power: 1/8	Mounting Method: 2" receiver hitch mount (std)	Vehicle Application: Class 1, SUV's, Utility Vehicles	Warranty: 2 year
Material Movement: Auger	Hopper Material: Poly	Spinner Diameter: 9"	Spinner Material: Poly
Controller: 2 Speed			

MEYER SPREADER BLASTERS

The Meyer Blaster series gives you the ability to customize the auger configuration based on the type of material being spread.



Model: Blaster 350	Part #: 3200	Hopper Width: 49"	Hopper Depth: 24"
Hopper Height: 35.5"	Total Height: N/A	Spread Width (min-max): 3' - 40'	Empty Weight: 175 lbs.
Max Capacity Load: 6.5 cu ft	Max Capacity Weight: 520 lbs (80lbs./cubic foot)	Spreading Material: Bagged Rock Salt	Operating System: Electric
Horse Power: 1/2	Mounting Method: 2" receiver (std)	Vehicle Application: SUV, Light Truck, 1/2 ton	Warranty: ROC 3/5 Year
Material Movement: Auger	Hopper Material: Poly	Spinner Diameter: 9"	Spinner Material: Stainless Steel
Controller: Variable Speed			

Model: Blaster 350S w/Vibrator	Part #: 37000	Hopper Width: 49"	Hopper Depth: 24"
Hopper Height: 35.5"	Total Height: N/A	Spread Width (min-max): 3' - 40'	Empty Weight: 185 lbs.
Max Capacity Load: 3.5 cu ft	Max Capacity Weight: 520 lbs (80lbs./cubic foot)	Spreading Material: Bagged 50/50 Rock Salt/Sand or Sand	Operating System: Electric
Horse Power: 1/2	Mounting Method: 2" receiver (std)	Vehicle Application: SUV, Light Truck, 1/2 ton+	Warranty: ROC 3/5 Year
Material Movement: Auger	Hopper Material: Poly	Spinner Diameter: 9"	Spinner Material: Stainless Steel
Controller: Variable Speed			

Equipment

MEYER SPREADERS (CONT.)

Model: Blaster 750	Part #: 33000	Hopper Width: 49"	Hopper Depth: 24"
Hopper Height: 35.5"	Total Height: N/A	Spread Width (min-max): 3' - 40'	Empty Weight: 198 lbs.
Max Capacity Load: 12.8 cu ft	Max Capacity Weight: 1024 lbs (80lbs./cubic foot)	Spreading Material: Bagged Rock Salt	Operating System: Electric
Horse Power: 1/2	Mounting Method: Hinged, Dump, Fixed, Flat Bed (all optional)	Vehicle Application: SUV, Light Truck, 1/2 ton	Warranty: ROC 3/5 year
Material Movement: Auger	Hopper Material: Poly	Spinner Diameter 9"	Spinner Material Stainless Steel
Controller: Variable Speed			



Model: Blaster 750R	Part #: 33750	Hopper Width: 49"	Hopper Depth: 24"
Hopper Height: 35.5"	Total Height: N/A	Spread Width (min-max): 3' - 40'	Empty Weight: 229 lbs.
Max Capacity Load: 12.8 cu ft	Max Capacity Weight: 1024 lbs (80lbs./cubic foot)	Spreading Material: Bagged Rock Salt	Operating System: Electric
Horse Power: 1/2	Mounting Method: Integrated 2" receiver	Vehicle Application: 1/2 ton +	Warranty: ROC 3/5 Year
Material Movement: Auger	Hopper Material: Poly	Spinner Diameter 9"	Spinner Material Stainless Steel
Controller: Variable Speed			

Model: Blaster 750RS w/vibrator	Part #: 39010	Hopper Width: 49"	Hopper Depth: 24"
Hopper Height: 35.5"	Total Height: N/A	Spread Width (min-max): 3' - 40'	Empty Weight: 235 lbs.
Max Capacity Load: 12.8 cu ft	Max Capacity Weight: 1024 lbs (80lbs./cubic foot)	Spreading Material: Bagged Rock Salt or Sand	Operating System: Electric
Horse Power: 1/2	Mounting Method: Integrated 2" receiver	Vehicle Application: 1/2 ton +	Warranty: ROC 3/5 Year
Material Movement: Auger	Hopper Material: Poly	Spinner Diameter 9"	Spinner Material Stainless Steel
Controller: Variable Speed			

Model: Blaster 750S w/vibrator	Part #: 39000	Hopper Width: 49"	Hopper Depth: 24"
Hopper Height: 35.5"	Total Height: N/A	Spread Width (min-max): 3' - 40'	Empty Weight: 208 lbs.
Max Capacity Load: 12.8 cu ft	Max Capacity Weight: 1024 lbs (80lbs./cubic foot)	Spreading Material: Bagged 50/50 Rock Salt/Sand or Sand	Operating System: Electric
Horse Power: 1/2	Mounting Method: Hinged, Dump, Fixed, Flat Bed (all optional)	Vehicle Application: 1/2 ton +	Warranty: ROC 3/5 Year
Material Movement: Auger	Hopper Material: Poly	Spinner Diameter 9"	Spinner Material Stainless Steel
Controller: Variable Speed			

SNOW & ICE MELT

SNO-PLOW™ ICE MELT

- ◆ Each individual SNO-PLOW™ granule is coated with LIQUI-FIRE™ melting enhancer
- ◆ LIQUI-FIRE™ effectively lowers the working temperature range of SNO-PLOW™ allowing it to work up to three times faster
- ◆ Contains no dangerous chemicals. It can be handled safely with bare hands. 100% non-toxic to children and pets. USDA approved
- ◆ Green colored granules reduce the possibility of over-application, the major cause of tracking problems



ICE HEAT SKU: SDIH50

ICE HEAT

99% NaCl,
Melt Down Temperature: 0°F
SDIH50



SNOW SHOVELS

EMSCO GROUP



1280 25" BIGFOOT SNOW SHOVEL

- ◆ Bigfoot Poly Snow Pusher; 25" blade; D-grip handle
- ◆ Built tough for moving mountains of snow and lasting many winters

MIDWEST RAKE/SEYMOUR SKU #PP100

Snow pushers are designed to push snow rather than lift and throw it. They allow the user to stand erect to minimize back strain and reduce fatigue.

- ◆ Rugged ABS plastic head
- ◆ 12 in. x 24 in. head
- ◆ 44" fiberglass handle w/ poly D-grip
- ◆ Seymour's Best tool grade



Equipment

Efficiency at 100% and 80%

MPH	21" Width		30" Width		36" Width		42" Width		48" Width		52" Width		60" Width		72" Width	
	100%	80%	100%	80%	100%	80%	100%	80%	100%	80%	100%	80%	100%	80%	100%	80%
1.5	13.2	10.6	13.9	11.1	19.8	15.8	0.64	0.51	0.73	0.58	0.79	0.63	0.91	0.73	1.09	0.88
2.0	17.6	14.1	18.5	14.8	26.4	21.1	0.85	0.68	0.97	0.78	1.05	0.84	1.21	0.97	1.45	1.16
2.5	22.0	17.6	23.1	18.5	33.0	26.4	1.06	0.85	1.21	0.97	1.31	1.05	1.52	1.21	1.83	1.45
3.0	26.4	21.1	27.7	22.2	39.6	31.7	1.27	1.02	1.45	1.16	1.58	1.26	1.82	1.45	2.19	1.74
3.5	30.8	24.6	32.3	25.9	46.2	37.0	1.48	1.19	1.70	1.36	1.84	1.47	2.12	1.70	2.54	2.04
4.0	35.2	28.2	37.0	29.6	52.8	42.2	1.70	1.35	1.94	1.55	2.10	1.68	2.42	1.94	2.90	2.33
5.0					66.0	52.8	2.12	1.69	2.42	1.94	2.63	2.10	3.03	2.42	3.64	2.90
6.0					79.2	63.4	2.55	2.03	2.91	2.33	3.15	2.52	3.64	2.91	4.37	3.49
7.0					92.4	73.9	2.97	2.37	3.39	2.72	3.68	2.94	4.24	3.40	5.05	4.08
8.0					105.6	84.5			3.88	3.10	4.20	3.36	4.84	3.88	5.80	4.66
8.5									4.12	3.29	4.46	3.57	5.15	4.11	6.18	4.94
9.0									4.36	3.48	4.73	3.77	5.46	4.35	6.53	5.23
9.5									4.61	3.68	4.99	3.98	5.76	4.59	6.90	5.52
10.0									4.85	3.87	5.25	4.19	6.06	5.00	7.27	6.00
11.0													6.66	5.33	8.02	6.42
12.0													7.27	5.81	8.73	6.97

* Two productivity ratings are shown: one at 100% and one at 80% efficiency. Many manufacturers use 100% efficiency ratings for sales purposes. Exmark believes an 80% efficiency rating is more

Formulas for calculating acres per hour:
100% efficiency—MPH x width of cut ÷ 99 = acres per hour

Commercial 21 S-Series Specifications		
PRODUCT CODE		ECSKA21
POWER COMPONENTS	Engine:	Kawasaki®
	Model:	FJ180V
	Displacement:	179
	Air Filter:	Dual element air cleaner
	Drive System:	Self-propelled; rear-wheel gear-driven.
	Speed:	0.0 mph to 4.2 mph (6.6 kmph) forward.
	Fuel Capacity:	2 quart integral fuel tank
	Safety Package:	Zone start
	CARB Compliant:	No
DECKS	Deck Construction:	5" deep, 1/4"-thick die-cast aluminum.
	Deck Style:	Fixed deck, Rear -discharge bagger standard with option to mulch.
	Width:	21" (53.34 cm)
	Cutting Heights	1.0" (2.5 cm) to 4.5" (11.4 cm) in 0.5" (1.3 cm) increments.
	Blades	1 Blade at 20.5" Length
	Blade-Tip Speed	Approximately 18,500 fpm.
EQUIPMENT	Drive Tires	9" x 2.5", semi-pneumatic.
	Bag Capacity	2.5 bushels (20 gallons).
MISCELLANEOUS	Curb Weight:	112 lbs
	Length:	62 in. (157.5 cm)
	Width:	22 in. (55.9 cm)
	Height:	38 in. (96.5 cm)
	Warranty:	1 Year

Equipment

Commercial 21 X-Series Specifications				
PRODUCT CODE		ECXHN21	ECXKA21	ECXKABBC21
POWER COMPONENTS	Engine:	Honda	Kawasaki®	
	Model:	GXV 160	FJ180V KAI	
	Displacement:	163	179	
	Air Filter:	Dual element air cleaner		
	Drive System:	Self-propelled; rear-wheel gear-driven.		
	Speed:	0.0 mph to 4.2 mph (6.6 kmph) forward.		
	Fuel Capacity:	1 gallon (3.8-L).		
	Safety Package:	Zone start		Blade Brake Clutch (BBC).
	CARB Compliant:	Yes		
DECKS	Deck Construction:	5" deep, 1/4"-thick die-cast aluminum.		
	Deck Style:	Fixed deck, Rear -discharge bagger and mulch plug standard.		
	Width:	21" (53.34 cm)		
	Cutting Heights	1.0" (2.5 cm) to 4.5" (11.4 cm) in 0.5" (1.3 cm) increments.		
	Blades	1 Blade at 20.5" Length		
	Blade-Tip Speed	Approximately 18,500 fpm.		
EQUIPMENT	Drive Tires	9" x 2.5", semi-pneumatic.		
	Bag Capacity	2.5 bushels (20 gallons).		
MISCELLANEOUS	Curb Weight:	112 lbs	114 lbs	115 lbs
	Length:	62 in. (157.5 cm)		
	Width:	22 in. (55.9 cm)		
	Height:	38 in. (96.5 cm)		
	Warranty:	1 Year		

Commercial 30 Specifications		
PRODUCT CODE		ECKA30
POWER COMPONENTS	Engine:	Kawasaki®
	Model:	FJ180V KAI
	Displacement:	179
	Air Filter:	Dual element air cleaner
	Drive System:	Self-propelled, rear-wheel gear-driven.
	Speed:	0.0 mph to 4.2 (6.6 kmph) mph forward.
	Fuel Capacity:	1 gallon (3.8-L)
	Safety Package:	Blade Brake Clutch (BBC).
	CARB Compliant:	Yes
DECKS	Deck Construction:	4.6" Deep Stamped Steel with welded reinforcement
	Deck Style:	Fixed deck, Rear-discharge bagger with option to mulch or side discharge.
	Width:	0" (0 cm)
	Cutting Heights	1.5"(3.8 cm) to 5.0" (12.7 cm) in 0.5" (1.3 cm) increments.
	Blades	2 Blades at 15.4" Length
	Blade-Tip Speed	Approximately 18,500 fpm.
EQUIPMENT	Drive Tires	10 x 3.0, semi-pneumatic
	Bag Capacity	2.5 bushels (20 gallons)
MISCELLANEOUS	Curb Weight:	170 lbs
	Warranty:	1 Year

Equipment

Metro Specifications						
PRODUCT CODE		MG481KA322P	MG481KA362	MG481KA362CA (CALIFORNIA)	MG481KA483	MG481KA483CA (CALIFORNIA)
POWER COMPONENTS	Engine:	Kawasaki®				
	Model:	FS481V				
	Displacement:	603				
	Air Filter:	Standard Engine Manufacturer's air filter				
	Drive System:	Direct drive from transmission to single-belt wheel drives				
	Speed:	2.0 mph (3.2 kmph) to 6.2 mph (10 kmph) forward, reverse assist.				
	PTO Engagement:	Lever-actuated blade engagement with blade brake.				
	Fuel Capacity:	5-gallon (18.9-L) fuel tank.				
	Drive Wheel Release:	Gearbox in neutral allows unit movement without engine running.				
	Safety Package:	Operator Presence Controls (OPC). Operator must have transmission in neutral and blades disengaged to leave operator's position without stopping engine.				
	Casters:	.38" thick caster yoke arms				
Cup Holder:	No					
CARB Compliant:	No	No	Yes	No	Yes	
DECKS	Deck Construction:	10-gauge top that is formed and continuously seam welded, 7-gauge side skirt and 7-gauge welded spindle mounting locations for improved strength.				
	Deck Style:	Fixed UltraCut Series 2, side discharge standard, with molded discharge chute and option to bag or mulch.			Fixed UltraCut Series 3, side discharge standard, with	
	Width:	32" (81.28 cm)	36" (91.44 cm)	36" (91.44 cm)	48" (121.92 cm)	48" (121.92 cm)
	Deck Lift:	Manual cutter housing and front caster spacer position adjustment.				
	Cutting Heights	1.0" (2.5 cm) to 4.25" (10.8 cm) in 0.25" (0.64 cm) increments.				
	Blades	2 Blades at 16.25" Length			3 Blades at 16.25" Length	
	Blade-Tip Speed	Approximately 18,500 fpm.				
EQUIPMENT	Steering Control:	Gear drive with Pistol grip, forward/reverse assist.	Gear drive with Enhanced Control System (ECS), forward/reverse assist.			
	Front Caster Tires:	9 x 3.5-4, smooth-tread, semi-pneumatic.				
	Drive Tires	13 x 5.0-6, 4-ply Turf Saver	13 x 6.5-6, 4-ply Turf Master®			
	Parking Brake	Standard; brake bands.				
	Blade Spindles	No maintenance, sealed and non-greasable spindles; 5.40"-diameter cutter housing and 1.0" diameter spindle tube.				
	Electrical	No battery, recoil start.				
MISCELLANEOUS	Curb Weight:	421 lbs	451 lbs	456 lbs	501 lbs	506 lbs
	Length:	73.0 in. (185.4 cm)	78.0 in. (198.1 cm)	78.0 in. (198.1 cm)	73.0 in. (185.4 cm)	78.0 in. (198.1 cm)
	Width:	43.3 in. (110.0 cm)	47.0 in. (119.4 cm)	47.0 in. (119.4 cm)	57.9 in. (147.1 cm)	57.9 in. (147.1 cm)
	Height:	43.0 in. (109.2 cm)	43.0 in. (109.2 cm)	43.0 in. (109.2 cm)	43.0 in. (109.2 cm)	43.0 in. (109.2 cm)
	Warranty:	2 Year	2 Year	2 Year	2 Year	2 Year

Viking Specifications			
PRODUCT CODE		VH481KA362	VH481KA483
POWER COMPONENTS	Engine:	Kawasaki®	
	Model:	FS481V	
	Displacement:	603	
	Air Filter:	Standard Engine Manufacturer's air filter	
	Drive System:	Twin Hydro-Gear variable-displacement pumps and twin high-efficiency Parker/Ross wheel-drive motors with 1" (2.54 cm) tapered	
	Speed:	Infinitely variable speed selection from 0– 6.2 mph (10 kmph) forward, 0–2.2 mph (3.5 kmph) reverse.	
	PTO Engagement:	Mechanical blade engagement with blade brake.	
	Fuel Capacity:	5-gallon (18.9-L) fuel tank.	
	Drive Wheel Release:	Allows unit movement without engine running.	
	Safety Package:	Operator Presence Controls (OPC). Operator must have speed control lever in neutral and blades disengaged to leave operator's	
	Casters:	.38" thick caster yoke arms	
	Cup Holder:	No	
	CARB Compliant:	No	
DECKS	Deck Construction:	10-gauge top that is formed and continuously seam welded, 7-gauge side skirt and 7-gauge welded spindle mounting locations for	
	Deck Style:	Fixed Ultracut Series 2, side discharge standard, with molded discharge chute and option to bag or mulch.	Fixed UltraCut Series 3, side discharge standard, with molded discharge chute and option to bag or mulch.
	Width:	36" (91.44 cm)	48" (121.92 cm)
	Deck Lift:	Manual lift with hairpin from hole to hole for position adjustment.	
	Cutting Heights	1.0" (2.5 cm) to 4.25" (10.8 cm) in 0.25" (0.54 cm) increments.	
	Blades	2 Blades at 18.00" Length	3 Blades at 16.25" Length
EQUIPMENT	Blade-Tip Speed	Approximately 18,500 fpm.	
	Steering Control:	Hydro drive with Enhanced Control System (ECS), forward/reverse, left/right or zero-turn.	
	Front Caster Tires:	9 x 3.5-4, smooth-tread, semi-pneumatic.	
	Drive Tires	16 x 6.5-8, 4-ply Turf Master®	
	Parking Brake	Lever-actuated mechanical compression.	
	Blade Spindles	No maintenance, sealed and non-greasable spindles; 5.40"-diameter cutter housing and 1.0" diameter spindle tube.	
MISCELLANEOUS	Electrical	No battery, recoil start.	
	Curb Weight:	481 lbs	531 lbs
	Length:	78.0 in. (198.1 cm)	
	Width:	47.0 in. (119.4 cm)	
	Height:	43.2 in. (109.7 cm)	
	Warranty:	2 Year	

Equipment

Turf Tracer S-Series Specifications								
PRODUCT CODE		TTS481KA363	TTS481KA363CA (CALIFORNIA)	TTS481KA483	TTS541KA483CA (CALIFORNIA)	TTS541KA523	TTS600KAE483	TTS600KAE523
POWER COMPONENTS	Engine:	Kawasaki®						
	Model:	FS481V						
	Displacement:	603						
	Air Filter:	Standard Engine Manufacturer's air filter						
	Drive System:	Twin Hydro-Gear variable-displacement pumps and twin high-efficiency Parker/Ross wheel-drive motors with 1" (2.54 cm) tapered shafts.						
	Speed:	Infinitely variable speed selection from 0– 6.2 mph (10 kmph) forward, 0–2.2 mph (3.5 kmph) reverse.						
	PTO Engagement:	Mechanical blade engagement with blade brake.						
	Fuel Capacity:	5-gallon (18.9-L) fuel tank.						
	Drive Wheel Release:	Allows unit movement without engine running.						
	Safety Package:	Operator Presence Controls (OPC). Operator must have speed control lever in neutral and blades disengaged to leave operator's position without stopping engine						
	Casters:	.38" thick caster yoke arms						
Cup Holder:	No							
CARB Compliant:	No							
DECKS	Deck Construction:	10-gauge top that is formed and continuously seam welded, 7-gauge side skirt and 7-gauge welded spindle mounting locations for improved strength.						
	Deck Style:	Full-floating UltraCut Series 3, side discharge standard, with molded discharge chute and option to bag or mulch.						
	Width:	36" (91.44 cm)	48" (121.92 cm)	52" (132.08 cm)	48" (121.92 cm)	52" (132.08 cm)		
	Deck Lift:	Manual lift with hairpin from hole to hole for position adjustment.						
	Cutting Heights	1.5" (3.8 cm) to 4.5" (11.4 cm) in 0.5" (1.3 cm) increments.						
	Blades	2 Blades at 18.00" Length	3 Blades at 16.25" Length	3 Blades at 18.00" Length	3 Blades at 16.25" Length	3 Blades at 18.00" Length		
	Blade-Tip Speed	Approximately 18,500 fpm.						
EQUIPMENT	Steering Control:	Hydro drive with Enhanced Control System (ECS), forward/reverse, left/right or zero-turn.						
	Front Caster Tires:	9 x 3.5-4, smooth-tread, semi-pneumatic.						
	Drive Tires	16 x 6.5-8, 4-ply Turf Master®	16 x 7.5-8, 4-ply Turf Master®					
	Parking Brake	Lever-actuated mechanical compression.						
	Blade Spindles	No maintenance, sealed and non-greasable spindles; 5.40"-diameter cutter housing with 1.75"-diameter splined blade driver and 1.0" diameter spindle shaft.						
MISCELLANEOUS	Electrical	No battery, recoil start.					12-volt battery with 15-amp alternator.	
	Curb Weight:	569 lbs	574 lbs	602 lbs	626 lbs	636 lbs	621 lbs	659 lbs
	Length:	77.7 in. (197.4 cm)		73.7 in. (187.2 cm)		75.9 in. (192.8 cm)	73.7 in. (187.2 cm)	75.9 in. (192.8 cm)
	Width:	46.7 in. (118.6 cm)		57.9 in. (147.1 cm)		63.5 in. (161.3 cm)	57.9 in. (147.1 cm)	63.5 in. (161.3 cm)
	Height:	42.0 in. (106.7 cm)						
	Warranty:	2 Year						

Turf Tracer X-Series Specifications				
PRODUCT CODE		TTX650EKCE604	TTX691KAE524	TTX691KAE604
POWER COMPONENTS	Engine:	Kohler®	Kawasaki®	Kawasaki®
	Model:	ECV650	FX691V	FX691V
	Displacement:	694	726	726
	Air Filter:	Heavy-duty canister air filtration system		
	Drive System:	Twin Hydro-Gear variable-displacement pumps and twin high-efficiency		
	Speed:	Infinitely variable speed selection from 0– 6.75 mph (10.9 kmph) forward,		
	PTO Engagement:	Electromagnetic 200 ft-lbs clutch.		
	Fuel Capacity:	5-gallon (18.9-L) fuel tank.		
	Drive Wheel Release:	Allows unit movement without engine running.		
	Safety Package:	Operator Presence Controls (OPC). Operator must have speed control lever in		
	Casters:	.38" thick caster yoke arms		
	Cup Holder:	No		
	CARB Compliant:	No		
DECKS	Deck Construction:	10-gauge top that is formed and continuously seam welded, 7-gauge side skirt		
	Deck Style:	Full-floating UltraCut Series 4. Side discharge standard, with molded discharge		
	Width:	60" (152.4 cm)	52" (132.08 cm)	60" (152.4 cm)
	Deck Lift:	Manual lift with hairpin from hole to hole for position adjustment.		
	Cutting Heights	1.5" (3.8 cm.) to 4.5" (11.4 cm) in 0.5" (1.3 cm) increments.		
	Blades	3 Blades at 20.5" Length	3 Blades at 18" Length	3 Blades at 20.5" Length
	Blade-Tip Speed	Approximately 18,500 fpm.		
EQUIPMENT	Steering Control:	Hydro drive with Enhanced Control System (ECS), forward/reverse, left/right or		
	Front Caster Tires:	11 x 4.0-5, smooth tread, semi-pneumatic.		
	Drive Tires	18 x 8.5-8, 4-ply Turf Master®		
	Parking Brake	Lever-actuated mechanical compression.		
	Blade Spindles	No maintenance, sealed and non-greasable spindles; 5.40"-diameter cutter		
	Electrical	12-volt battery with 20-amp alternator.		
MISCELLANEOUS	Curb Weight:	840 lbs	720 lbs	760 lbs
	Length:	104.8 in. (266.2 cm)	84.8 in. (215.4 cm)	
	Width:	72.0 in. (182.96 cm)		
	Height:	45.0 in. (114.3 cm)		
	Warranty:	2 Year		

Equipment

Vantage S-Series Specifications

PRODUCT CODE		VTSS41KA363	VTSS41KA363CA (CALIFORNIA)	VT5691KA484CA	VT5730EKC524	VT5740EKC604
POWER COMPONENTS	Engine:	Kawasaki®			Kohler®	Kohler®
	Model:	FS541V		FX691V	ECV730	ECV740
	Displacement:	603		726	747	747
	Air Filter:	Standard Engine Manufacturer's air filter				Heavy-duty canister air filtration system
	Drive System:	Two Hydro Gear 10 cc pumps powering two Parker 12 cubic inch motors.				Two Hydro Gear 12 cc pumps powering two Parker 14 cubic inch motors.
	Speed:	Infinitely variable speed selection 0–8.0 mph (12.9 kmph) forward, 0–4.0 mph (6.4 kmph) reverse				
	PTO Engagement:	Warner 175 ft-lb clutch		Warner 200 ft-lb clutch		
	Fuel Capacity:	8-gallon (30.3-L), single fuel tank with single fill location.				
	Drive Wheel Release:	Allows unit movement without engine running.				
	Safety Package:	Operator Presence Controls (OPC) with safety interlock system indicators				
	Casters:	.38" thick double-yoke, smooth tread caster wheel assembly with pre-installed bearing cups.				
	Cup Holder:	Optional				
CARB Compliant:	No	Yes			No	
DECKS	Deck Construction:	10-gauge top that is formed and continuously seam welded, 7-gauge side skirt and 7-gauge formed and welded spindle mounting locations for				
	Deck Style:	Full-floating UltraCut Series 3. Side discharge		Full-floating UltraCut Series 4. Side discharge standard, with molded discharge chute and option to		
	Width:	36" (91.44 cm)		48" (121.92 cm)	52" (132.08 cm)	60" (152.4 cm)
	Deck Lift:	Standard; mechanical lift-assist springs.				
	Cutting Heights	1.0" (2.54 cm) to 5.0" (12.7 cm) in 0.25" (0.64 cm) increments adjustable from the operator position.				
	Blades	2 Blades at 18" Length		3 Blades at 16.25" Length	3 Blades at 18" Length	3 Blades at 20.50" Length
	Blade-Tip Speed	Approximately 18,500 fpm.				
EQUIPMENT	Tractor Frame:	Welded, heavy-duty 1.5" x 3" tubular steel.				
	Steering Control:	Twin levers with no-tools adjustable front reference bar to modify forward ground speed.				
	Front Caster Tires:	11 x 4.0-5, smooth-tread, semipneumatic tires.				
	Drive Tires	18 x 8.5-8 Kenda Tires		20 x 10.50-8 Kenda Tires		
	Parking Brake	Lever-actuated bar brake.				
	Blade Spindles	No maintenance, sealed and nongreasable spindles; 7.75" diameter cutter housing with 1.75" diameter splined blade driver 1.0"-diameter spindle				
	Electrical	12-volt battery with 15-amp alternator.				12-volt battery with 20-amp alternator.
MISCELLANEOUS	Curb Weight:	790 lbs		855 lbs	866 lbs	883 lbs
	Length:	74 in. (188 cm)				
	Width:	48.0 in. (121.9 cm)		59.6 in. (151.4 cm)	64.8 in. (164.6 cm)	72.8 in. (184.9 cm)
	Height:	50 in. (127 cm)				
	Warranty:	3 Year Comm / 5 Year Cons				

Vantage X-Series Specifications					
PRODUCT CODE		VTX651KA484	VTX691KA524	VTX730EKC524	VTX740EKC604
POWER COMPONENTS	Engine:	Kawasaki®	Kawasaki®	Kohler®	Kohler®
	Model:	FS651V	FX691V	ECV730	ECV740
	Displacement:	726		747	
	Air Filter:	Heavy-duty canister air filtration system			
	Drive System:	Two Hydro Gear 10 cc pumps powering two Parker 12 cubic inch motors.	Two Hydro Gear 12 cc pumps powering two Parker 14 cubic inch motors.		
	Speed:	Infinitely variable speed selection 0–8.0 mph (12.9 kmph) forward, 0–4.0 mph (6.4 kmph) reverse			
	PTO Engagement:	Warner 200 ft-lb clutch			
	Fuel Capacity:	8-gallon (30.3-L), single fuel tank with single fill location.			
	Drive Wheel Release:	Allows unit movement without engine running.			
	Safety Package:	Operator Presence Controls (OPC) with safety interlock system indicators			
	Casters:	.38" thick double-yoke, smooth tread caster wheel assembly with pre-installed bearing cups.			
	Cup Holder:	Optional			
	CARB Compliant:	No			
DECKS	Deck Construction:	10-gauge top that is formed and continuously seam welded, 7-gauge side skirt and 7-gauge formed			
	Deck Style:	Full-floating UltraCut Series 4. Side discharge standard, with molded discharge chute and option to			
	Width:	48" (121.92 cm)	52" (132.08 cm)		60" (152.4 cm)
	Deck Lift:	Standard; mechanical lift-assist springs.			
	Cutting Heights	1.0" (2.54 cm) to 5.0" (12.7 cm) in 0.25" (0.64 cm) increments adjustable from the operator position.			
	Blades	3 Blades at 16.25" Length	3 Blades at 18" Length		3 Blades at 20.50" Length
	Blade-Tip Speed	Approximately 18,500 fpm.			
EQUIPMENT	Tractor Frame:	Welded, heavy-duty 1.5" x 3" tubular steel.			
	Steering Control:	Hydro drive with Enhanced Control System (ECS), forward/reverse, left/right or zero-turn.			
	Front Caster Tires:	11 x 4.0-5, smooth-tread, semipneumatic tires.			
	Drive Tires	20 x 10.50-8 Kenda Tires			
	Parking Brake	Lever-actuated bar brake.			
	Blade Spindles	No maintenance, sealed and nongreasable spindles; 7.75" diameter cutter housing with 1.75"			
	Electrical	12-volt battery with 15-amp alternator.		12-volt battery with 20-amp alternator.	
MISCELLANEOUS	Curb Weight:	855 lbs	866 lbs	875 lbs	883 lbs
	Length:	74 in. (188 cm)			
	Width:	59.6 in. (151.4 cm)	64.8 in. (164.6 cm)		72.8 in. (184.9 cm)
	Height:	50 in. (127 cm)			
	Warranty:	3 Year Comm / 5 Year Cons			

Equipment

Navigator Specifications				
PRODUCT CODE		NV640KC42	NV640KC48	NV730EKC48
POWER COMPONENTS	Engine:	Kohler®	Kohler®	Kohler®
	Model:	CH640	CH640	ECH730
	Displacement:	624	624	747
	Air Filter:	Heavy-duty canister air filtration		
	Drive System:	New Dual Hydro-Gear 12 cc variable displacement pumps power		
	Speed:	Infinitely variable speed selection from 0–7.0 mph (11.3 kmph)		
	PTO Engagement:	Lever-actuated clutching belt with 6" brake band.		
	Fuel Capacity:	7.5-gallon (28.4-L), pivoting tank for easier engine service.		
	Drive Wheel Release:	Allows movement without engine running.		
	Safety Package:	Operator Presence Controls (OPC) and drive system interlock.		
	Rollover Protection System (ROPS):	Optional 2-post foldable ROPS with seat belt and latch.		
	Casters:	0.50" thick rear caster fork		
	CARB Compliant:	Yes		
DECKS	Deck Construction:	7-gauge sides joined by a continuous bead weld to a 10-gauge		
	Deck Style:	Full Floating rear discharge cutting deck w/heavy duty gear driven		
	Width:	42" (106.68 cm)	48" (121.92 cm)	
	Cutting Heights	1.0" (2.54 cm) to 4.0" (10.2 cm) in 0.25" (0.64 cm) increments .		
	Blades	2 Blades at 22" Length	2 Blades at 25" Length	
	Blade-Tip Speed	Approximately 18,500 fpm.		
EQUIPMENT	Tractor Frame:	Channeled and fully welded 1.5" x 1.5" x 0.187" wall tubing with a		
	Steering Control:	FeatherTouch hand-control drive levers, low-force constant speed		
	Front Caster Tires:	8 x 3.0-4 semi-pneumatic.		
	Drive Tires	18 x 10.5-10 Multi-Trac® C/S.		
	Parking Brake	Wet disc, internal in wheel motor.		
	Seat	High-back, "EVC" (Elastomeric Vibration Control) seat, which has		
	Blade Spindles	Heavy Duty cast iron right-angle gearboxes.		
	Electrical	12-volt battery with 15-amp alternator.	12-volt battery with 20-amp alternator.	
	Bag Capacity	9.5 bushel (76 gallons)		
MISCELLANEOUS	Curb Weight:	1140 lbs	1170 lbs	
	Length:	91.8 in. (233.2 cm)	94.5 in. (240.0 cm)	
	Width:	43.2 in. (109.7 cm)	49.2 in. (125.0 cm)	
	Height:	51.2 in. (130.0 cm)		
	Warranty:	2 Year Comm / 2 Year Cons		

Lazer Z E-Series Specifications					
PRODUCT CODE		LZE600KA484	LZE691KA524	LZE730KA604SS	LZE740EKC604
POWER COMPONENTS	Engine:	Kawasaki®			Kohler®
	Model:	FX600V	FX691V	FX730V	ECV740
	Displacement:	603	726		747
	Air Filter:	Heavy-duty canister air filtration system			
	Drive System:	Two Exmark exclusive Parker unitized pump and wheel motor		Two Exmark exclusive Parker unitized pump and wheel motor	
	Speed:	Infinitely variable speed selection 0–8.0 mph (12.9 kmph) forward, 0–6.0 mph (9.7 kmph) reverse.			
	PTO Engagement:	MagStop Electromagnetic 175 ft-lb clutch with spot brake		MagStop electromagnetic 200-ft-lb clutch with spot brake	
	Fuel Capacity:	8-gallon (30.3-L) single fuel tank with single fill location.			
	Drive Wheel Release:	Allows unit movement without engine running.			
	Safety Package:	Operator Presence Controls (OPC) and drive system interlock, with safety interlock system indicators.			
	Rollover Protection System (ROPS):	2-post foldable ROPS standard with seat belt and latch.			
	Casters:	.50" thick caster yoke arms.			
	Cup Holder:	Standard			
	CARB Compliant:	No			
DECKS	Deck Construction:	10-gauge top that is formed and continuously seam welded		10-gauge top that is formed and continuously seam welded,	
	Deck Style:	Full-floating UltraCut Series 4. Side discharge standard, with molded discharge chute and option to bag or mulch.			
	Width:	48" (121.92 cm)	52" (132.08 cm)	60" (152.4 cm)	
	Deck Lift:	Standard; foot-controlled deck lift changes cutting height and lifts the deck to maneuver around obstacles, or place in			
	Cutting Heights	1.0" (2.5 cm) to 5.5" (14.0 cm) in 0.25" (0.64 cm) increments adjustable from operator's seat.			
	Blades	3 Blades at 16.25" Length	3 Blades at 18.00" Length	3 Blades at 20.50" Length	
	Blade-Tip Speed	Approximately 18,500 fpm.			
EQUIPMENT	Tractor Frame:	Unibody, welded, heavy-duty 1.5" x 3" tubular steel.			
	Steering Control:	Hydraulically dampened twin levers, adjust fore and aft. Adjustable dampeners (3 positions) to customize drive			
	Front Caster Tires:	13 x 5.0-6, smooth-tread, semi-pneumatic.			
	Drive Tires	23 x 9.5-12, 4 ply Super Turf®		24 x 12-12, 4 ply Super Turf®	
	Parking Brake	Lever-actuated disc brake.			
	Seat	Two tone bolstered seat with Elastomeric Vibration Control material. Adjustment: Fore and aft from Operators' Position.		Deluxe, bolstered suspension seat with Elastomeric Vibration Control material. Adjustment: Fore and aft from Operators' Position.	Two tone bolstered seat with Elastomeric Vibration Control material. Adjustment: Fore and aft from Operators' Position.
	Blade Spindles	No maintenance, sealed and non-greasable spindles; 7.75"-diameter cutter housing with 25mm (.98") diameter spindle			
	Electrical	12-volt battery with 15-amp alternator.			12-volt battery with 20-amp alternator.
MISCELLANEOUS	Curb Weight:	1015 lbs	1060 lbs	1115 lbs	
	Length:	79.2 in. (201.2 cm)	79.2 in. (201.2 cm)	83.1 in. (211.1 cm)	
	Width:	59.6 in. (151.4 cm)	64.8 in. (164.6 cm)	72.8 in. (184.9 cm)	
	Height:	70 in. (177.8 cm)			
	Warranty:	2 Year Comm / 4 Year Cons			

Equipment

Lazer Z S-Series Specifications							
PRODUCT CODE		LZS651KA484	LZS691KA524	LZS730EKC524	LZS740EKC60RD	LZS742KC604	LZS749EKC604
POWER COMPONENTS	Engine:	Kawasaki®		Kohler®			
	Model:	FX651V	FX691V	ECV730	ECV740	CV742	ECV749
	Displacement:	726		747			
	Air Filter:	Heavy-duty canister air filtration system					
	Drive System:	Two Exmark exclusive Parker unitized pump and wheel motor systems with no hoses, integrated cooling fans, 1.7-quart integrated reservoir, spin-on filter and heavy-duty components. 12 cc pumps and 14. 5 cubic inch motors.			Two Exmark exclusive Parker unitized pump and wheel motor systems with no hoses, integrated cooling fans, shock valve, 1.7-quart integrated reservoir, spin-on filter and heavy-duty components. 12 cc pumps and 14. 5 cubic inch motors.		
	Speed:	Infinitely variable speed selection from 0–10.0 mph (16 kmph) forward, 0–6.0 mph (9.7 kmph) reverse.					
	PTO Engagement:	MagStop electromagnetic 200-ft-lb clutch with spot brake					
	Fuel Capacity:	12-gallon (45.4-L), single fuel tank with single fill location.					
	Drive Wheel Release:	Allows unit movement without engine running.					
	Safety Package:	Operator Presence Controls (OPC) and drive system interlock, with safety interlock system indicators.					
	Rollover Protection System (ROPS):	2-post foldable ROPS standard with seat belt and latch.					
	Casters:	.50" thick caster yoke arms.					
	Cup Holder:	Standard					
	CARB Compliant:	Yes		No		Yes	No
DECKS	Deck Construction:	10-gauge top that is formed and continuously seam welded, 7-gauge side skirt and 7-gauge reinforced spindle mounting locations for improved strength and reduced weight.			7-gauge high strength alloy top that is formed and continuously seam welded, with 7-gauge high strength alloy side skirt.	10-gauge top that is formed and continuously seam welded, 7-gauge side skirt and 7-gauge formed and welded spindle mounting locations for improved strength and reduced weight.	
	Deck Style:	Full-floating UltraCut Series 4. Side discharge standard, with molded discharge chute and option to bag or mulch.			Full-floating RD Series High-Capacity Cutting Platform. Rear-discharge standard with option to mulch.	Full-floating UltraCut Series 4. Side discharge standard, with molded discharge chute and option to bag or mulch.	
	Width:	48" (121.92 cm)	52" (132.08 cm)		60" (152.4 cm)		
	Deck Lift:	Standard; foot-controlled deck lift changes cutting height and lifts the deck to maneuver around obstacles, or place in transport position.					
	Cutting Heights	1.0" (2.5 cm) to 5.5" (11.8 cm) in 0.25" (0.64 cm) increments adjustable from operator's seat.					
	Blades	3 Blades at 16.25" Length	3 Blades at 18.00" Length		3 Blades at 20.50" Length		
	Blade-Tip Speed	Approximately 18,500 fpm.					
	Tractor Frame:	Unibody, welded, heavy-duty 1.5" x 3" tubular steel.					
EQUIPMENT	Steering Control:	Hydraulically dampened twin levers, adjust fore and aft. Adjustable dampeners (3 positions) to customize drive responsiveness. Also adjustable					
	Front Caster Tires:	13 x 5.0-6, smooth-tread, semi-pneumatic.			13 x 6.5-6, smooth-tread, semi-pneumatic.		
	Drive Tires	23 x 9.5-12, 4 ply Turf Master®	23 x 9.5-12, 4 ply Turf Master®	23 x 9.5-12, 4 ply Turf Master®	24 x 12-12, 4 ply Turf Master®	24 x 12-12, 4 ply Turf Master®	24 x 12-12, 4 ply Turf Master®
	Parking Brake	Lever-actuated disc brake.	Lever-actuated disc brake.	Lever-actuated disc brake.	Lever-actuated disc brake.	Lever-actuated disc brake.	Lever-actuated disc brake.
	Seat	Deluxe, two tone, bolstered seat with Elastomeric Vibration Control material. Mounted on innovative Seat Isolation System that provides					
	Blade Spindles	No maintenance, sealed and non-greasable spindles; 7.75"-diameter cutter housing with 25mm (.98") diameter spindle shaft and splined blade					
	Electrical	12-volt battery with 15-amp alternator.		12-volt battery with 20-amp alternator.		12-volt battery with 15-amp alternator.	12-volt battery with 20-amp alternator.
	MISCELLANEOUS	Curb Weight:	1093 lbs	1104 lbs	1133 lbs	1177 lbs	1164 lbs
Length:		79.2 in. (201.2 cm)		79.2 in. (201.2 cm)	85.6 in (217.4 cm)	83.1 in. (211.1 cm)	
Width:		59.6 in. (151.4 cm)	64.8 in. (164.6 cm)	64.8 in. (164.6 cm)	66.2 in. (168.1 cm)	72.8 in. (184.9 cm)	
Height:		70 in. (177.8 cm)					
Warranty:		3 Year Comm / 5 Year Cons					

Lazer Z S-Series Specifications

PRODUCT CODE	LZS749EK724		LZS749EK72RD		LZS801KA524		LZS801KA604		LZS801KA724		
POWER COMPONENTS	Engine:	Kohler®			Kawasaki®						
	Model:	ECV749			FX801V						
	Displacement:	749		747		852					
	Air Filter:	Heavy-duty canister air filtration system									
	Drive System:	Two Exmark exclusive Parker unitized pump and wheel motor systems with no hoses, integrated cooling fans, shock valve, 1.7-quart integrated reservoir, spin-on filter and heavy-duty components. 12 cc pumps and 14. 5 cubic inch motors.			Two Exmark exclusive Parker unitized pump and wheel motor systems with no hoses, integrated cooling fans, 1.7-quart integrated reservoir, spin-on filter and heavy-duty components. 12 cc pumps and 14. 5 cubic inch motors.		Two Exmark exclusive Parker unitized pump and wheel motor systems with no hoses, integrated cooling fans, shock valve, 1.7-quart integrated reservoir, spin-on filter and heavy-duty components. 12 cc pumps and 14. 5 cubic inch motors.				
	Speed:	Infinitely variable speed selection from 0–10.0 mph (16 kmph) forward, 0–6.0 mph (9.7 kmph) reverse.		Infinitely variable speed selection from 0–10.0 mph (16 kmph) forward, 0–6.0 mph (9.7 kmph) reverse.		Infinitely variable speed selection from 0–10.0 mph (16 kmph) forward, 0–6.0 mph (9.7 kmph) reverse.		Infinitely variable speed selection from 0–10.0 mph (16 kmph) forward, 0–6.0 mph (9.7 kmph) reverse.		Infinitely variable speed selection from 0–10.0 mph (16 kmph) forward, 0–6.0 mph (9.7 kmph) reverse.	
	PTO Engagement:	MagStop electromagnetic 200-ft-lb clutch with spot brake									
	Fuel Capacity:	12-gallon (45.4-L), single fuel tank with single fill location.									
	Drive Wheel Release:	Allows unit movement without engine running.									
	Safety Package:	Operator Presence Controls (OPC) and drive system interlock, with safety interlock system indicators.									
	Rollover Protection System (ROPS):	2-post foldable ROPS standard with seat belt and latch.									
	Casters:	.50" thick caster yoke arms.									
	Cup Holder:	Standard									
	CARB Compliant:	Yes									
DECKS	Deck Construction:	10-gauge top that is formed and continuously seam welded, 7-gauge side skirt and 7-gauge formed and welded spindle mounting locations for improved strength and reduced weight.		7-gauge high strength alloy top that is formed and continuously seam welded, with 7-gauge high strength alloy side skirt.		10-gauge top that is formed and continuously seam welded, 7-gauge side skirt and 7-gauge reinforced spindle mounting locations for improved strength and reduced weight.					
	Deck Style:	Full-floating UltraCut Series 4. Side discharge standard, with molded discharge chute and option to bag or mulch.		Full-floating RD Series High-Capacity Cutting Platform. Rear-discharge standard with option to mulch.		Full-floating UltraCut Series 4. Side discharge standard, with molded discharge chute and option to bag or mulch.					
	Width:	72" (182.88 cm)			52" (132.08 cm)		60" (152.4 cm)		72" (182.88 cm)		
	Deck Lift:	Standard; foot-controlled deck lift changes cutting height and lifts the deck to maneuver around obstacles, or place in transport position.									
	Cutting Heights	1.0" (2.5 cm) to 5.5" (11.8 cm) in 0.25" (0.64 cm) increments adjustable from operator's seat.									
	Blades	3 Blades at 24.50" Length			3 Blades at 18.00" Length		3 Blades at 20.50" Length		3 Blades at 24.50" Length		
	Blade-Tip Speed	Approximately 18,500 fpm.									
EQUIPMENT	Tractor Frame:	Unibody, welded, heavy-duty 1.5" x 3" tubular steel.									
	Steering Control:	Hydraulically dampened twin levers, adjust fore and aft. Adjustable dampeners (3 positions) to customize drive responsiveness. Also adjustable to 2 height positions.									
	Front Caster Tires:	13 x 6.5-6, smooth-tread, semi-pneumatic.									
	Drive Tires	24 x 12-12, Turf Master®									
	Parking Brake	Lever-actuated disc brake.									
	Seat	Deluxe, two tone, bolstered seat with Elastomeric Vibration Control material. Mounted on innovative Seat Isolation System that provides operator isolation in all three planes of motion as well as fore-aft slide and seat flip-up.									
	Blade Spindles	No maintenance, sealed and non-greaseable spindles; 7.75"-diameter cutter housing with 25mm(.98") diameter spindle shaft and spined blade driver.									
	Electrical	12-volt battery with 20-amp alternator.			12-volt battery with 15-amp alternator.		12-volt battery with 20-amp alternator.		12-volt battery with 15-amp alternator.		
MISCELLANEOUS	Curb Weight:	1220 lbs		1220 lbs		1134 lbs		1177 lbs		1208 lbs	
	Length:	86.1 in. (218.7 cm)		89.8 in. (228.1 cm)		79.2 in. (201.2 cm)		83.1 in. (211.1 cm)		86.1 in. (218.7 cm)	
	Width:	84.9 in. (215.6 cm)		78.2 in. (198.6 cm)		64.8 in. (164.6 cm)		72.8 in. (184.9 cm)		84.9 in. (215.6 cm)	
	Height:	70 in. (177.8 cm)									
	Warranty:	3 Year Comm / 5 Year Cons									

Equipment

Lazer Z X-Series Specifications							
PRODUCT CODE		LZX740EKC526	LZX801KA606	LZX921KA606	LZX921KA726	LZX940EKC606	LZX980EKC726
POWER COMPONENTS	Engine:	Kohler®	Kawasaki®			Kohler®	Kohler®
	Model:	ECV740	FX801V	FX921V		ECV940	ECV980
	Displacement:	747	852	999			
	Air Filter:	Heavy-duty canister air filtration system					
	Drive System:	Two Exmark exclusive Parker unitized pump and wheel motor systems with no hoses, integrated cooling fans, 1.7 quart integrated reservoir, spin-on filter and heavy-duty components. 12 cc pumps and 14. 5 cubic inch motors.	Two Exmark exclusive Parker unitized pump and wheel motor systems with no hoses, integrated cooling fans, shock valve, 1.7-quart integrated reservoir, spin-on filter and heavy-duty components. 16 cc pumps and 17.1 cubic inch motors.				
	Speed:	Infinitely variable speed selection from 0–10.0 mph (16 kmph) forward, 0–6.0 mph (9.7 kmph) reverse.					
	PTO Engagement:	MagStop Electromagnetic 200-ft-lbs clutch with spot	MagStop Electromagnetic 250-ft-lbs clutch with spot brake				
	Fuel Capacity:	12-gallon (45.4-L), single fuel tank with single fill location.					
	Drive Wheel Release:	Allows unit movement without engine running.					
	Safety Package:	Operator Presence Controls (OPC) and drive system interlock, with safety interlock system indicators.					
	Rollover Protection System (ROPS):	2-post foldable ROPS standard with seat belt and latch.					
	Casters:	.50" thick caster yoke arms.					
	Cup Holder:	Standard					
	CARB Compliant:	No			Yes		
DECKS	Deck Construction:	10-gauge top that is formed and continuously seam welded, 7-gauge side skirt and 7-gauge reinforced spindle mounting locations for improved strength					
	Deck Style:	Full-floating UltraCut Series 6 with heavy-duty spindle. Side discharge standard with the option to bag or mulch.					
	Width:	52" (132.08 cm)	60" (152.4 cm)	72" (182.88 cm)	60" (152.4 cm)	72" (182.88 cm)	
	Deck Lift:	Standard; foot-controlled deck lift changes cutting height and lifts the deck to maneuver around obstacles, or place in transport position.					
	Cutting Heights	1.0" (2.5 cm) to 5.5" (11.8 cm) in 0.25" (0.64 cm) increments adjustable from operator's seat.					
	Blades	3 Blades at 18.00" Length	3 Blades at 20.50" Length	3 Blades at 24.50" Length	3 Blades at 20.50" Length	3 Blades at 24.50" Length	
	Blade-Tip Speed	Approximately 18,500 fpm.					
EQUIPMENT	Tractor Frame:	Unibody, welded, heavy-duty 1.5" x 3" tubular steel.					
	Steering Control:	Hydraulically dampened twin levers, adjust fore and aft. Adjustable dampeners (3 positions) to customize drive responsiveness. Also adjustable to 2 height					
	Front Caster Tires:	13 x 5.0-6 smooth tread, semi-pneumatic tires.	13 x 6.5-6 smooth tread, semi-pneumatic tires.				
	Drive Tires	23 x 9.5-12, 4 ply Turf Master®	24 x 12.0-12, 4-ply Turf Master®				
	Parking Brake	Lever-actuated disc brake.					
	Seat	Deluxe, two-tone, bolstered suspension seat with Elastomeric Vibration Control material. Mounted on innovative Seat Isolation System that provides					
	Blade Spindles	No maintenance, sealed and non-greasable spindles; 7.75"-diameter cutter housing with 30mm (1.18")diameter spindle shaft and splined blade driver.					
	Electrical	12-volt battery with 25-amp alternator.	12-volt battery with 15-amp alternator.	12-volt battery with 25-amp alternator.			
MISCELLANEOUS	Curb Weight:	1116 lbs	1215 lbs	1235 lbs	1294 lbs	1264 lbs	1276 lbs
	Length:	79.2 in. (201.2 cm)	83.1 in. (211.1 cm)	86.1 in. (218.7 cm)		83.1 in. (211.1 cm)	86.1 in. (218.7 cm)
	Width:	64.8 in. (164.6 cm)	72.8 in. (184.9 cm)	84.9 in. (215.6 cm)		72.8 in. (184.9 cm)	84.9 in. (215.6 cm)
	Height:	70 in. (177.8 cm)					
	Warranty:	3 Year Comm / 5 Year Cons					

Lazer Z DS-Series Specifications

PRODUCT CODE		LZDS902K605	LZDS902K60RD	LZDS902K725	LZDS902K72RD
POWER COMPONENTS	Engine:	Kubota®			
	Model:	D902			
	Feature:	3 Cylinder, Liquid Cooled	N/A	3 Cylinder, Liquid-Cooled	N/A
	Displacement:	898			
	Air Filter:	Heavy-duty canister air filtration system			
	Drive System:	Two Hydro-Gear 21cc/rev pumps with integral SCR (System Check Relief) valves (in forward), powering two 18-cubic-inch wheels			
	Speed:	Infinitely variable speed selection from 0-12.0 mph (19.3 kmph) forward, 0-8.0 mph (12.9 kmph) reverse			
	PTO Engagement:	MagStop electromagnetic 250-ft-lb clutch with spot brake			
	Fuel Capacity:	15.5-gallons (58.7-L) twin fuel tanks.			
	Drive Wheel Release:	Allows unit movement without engine running.			
	Safety Package:	Operator Presence Controls (OPC) and drive system interlock.			
	Rollover Protection System (ROPS):	2-post foldable ROPS standard with seat belt and latch.			
	Casters:	0.50" thick double-yoke, smooth tread caster wheel assembly with pre-installed bearing cups.			
Cup Holder:	Standard				
CARB Compliant:	Yes				
DECKS	Deck Construction:	10-gauge top that is formed and continuously seam-welded, with 10-gauge top reinforcement plate, 7-gauge side skirt and 7-gauge reinforcement rings at spindle assembly.	7-gauge high strength alloy top that is formed and continuously seam welded, with 7-gauge high strength alloy side skirt.	10-gauge top that is formed and continuously seam-welded, with 10-gauge top reinforcement plate, 7-gauge side skirt and 7-gauge reinforcement rings at spindle assembly.	7-gauge high strength alloy top that is formed and continuously seam welded, with 7-gauge high strength alloy side skirt.
	Deck Style:	Full-floating Series 5 High-Capacity Cutting Platform. Side discharge standard with option to bag or mulch.	Full-floating RD Series High-Capacity Cutting Platform. Rear-discharge standard with option to mulch.	Full-floating Series 5 High-Capacity Cutting Platform. Side discharge standard with option to bag or mulch.	Full-floating RD Series High-Capacity Cutting Platform. Rear-discharge standard with option to mulch.
	Width:	60" (152.4 cm)		72" (182.88 cm)	
	Deck Lift:	Standard; foot-controlled deck lift changes cutting height and lifts the deck to maneuver around obstacles, or place in transport position.			
	Cutting Heights	1.0" (2.5 cm) to 5.0" (12.7 cm) in 0.25" (0.64 cm) increments and adjustable	1.5" (3.8 cm) to 5.0" (12.7 cm) in 0.25" (0.6 cm) increments adjustable from operator position via foot-operated, deck-lift system.	1.0" (2.5 cm) to 5.0" (12.7 cm) in 0.25" (0.64 cm) increments and adjustable	1.5" (3.8 cm) to 5.0" (12.7 cm) in 0.25" (0.6 cm) increments adjustable from operator position via foot-operated, deck-lift system.
	Blades	3 Blades at 20.75" Length	3 Blades at 20.50" Length	3 Blades at 24.75" Length	3 Blades at 24.50" Length
	Blade-Tip Speed	Approximately 18,500 fpm.			
EQUIPMENT	Tractor Frame:	Welded, heavy-duty tubular steel.			
	Steering Control:	Hydraulically dampened twin levers, adjustable fore and aft. Adjustable dampeners (3 positions) to customize drive			
	Front Caster Tires:	13 x 6.50-6, smooth-tread, semi-pneumatic tires.	15 x 6.00-6, smooth-tread, semi-pneumatic tires.	13 x 6.50-6, smooth-tread, semi-pneumatic tires.	15 x 6.00-6, smooth-tread, semi-pneumatic tires.
	Drive Tires	26 x 12.0-12, 4-ply Multi-Trac.®			
	Parking Brake	Lever-actuated drum and band integrated with transmission-neutral interlock.			
	Seat	Deluxe, two tone, bolstered, full-suspension seat with Elastomeric Vibration Control material. Adjusts to individual operator			
	Blade Spindles	No maintenance, sealed and non-greasable spindles; 7.75"-diameter cutter housing with 1.75" diameter splined blade driver and			
Electrical	12-volt battery with 60-amp alternator.				
MISCELLANEOUS	Curb Weight:	1602 lbs	1552 lbs	1702 lbs	1629 lbs
	Length:	84.5 in. (214.6 cm)	85.6 in. (217.4 cm)	88.7 in. (225.3 cm)	89.8 in. (228.1 cm)
	Width:	72.8 in. (184.9 cm)	66.2 in. (168.1 cm)	85.8 in. (217.9 cm)	78.2 in. (198.6 cm)
	Height:	72.7 in. (184.7 cm)			
	Warranty:	2 Year Comm / 2 Year Cons			

Equipment

MOWER SERVICE TIPS

1. *Cleaning your mower*

Clean your unit as often as possible, but minimize the use of water. Water under pressure + detergent = corrosion and problems. Pressure washers clean great, but they also put water and detergents into places that can be very detrimental to your equipment. Use compressed air or blowers as much as possible. Also make sure you grease and lubricate the unit afterward if water was used.

2. *Installing a spring*

An easy tool to remove or install a spring is an old starter rope. Simply take the old rope and make a loop at the handle. Attach it to one side of the spring and slip the rope over the other end. Use the rope to stretch the spring and attach it to the other anchor point.

3. *A faster, simpler way to remove old engine oil*

You may want to look at some of the oil evacuation systems that are on the market. Many dealers use these types of devices. They're a lot like vacuum cleaners. You stick the hose down the dip stick tube and suck the old oil out. Remember to change the filter!

4. *Fixing a flat*

Flats can be a problem. Some tire sealant may work great. Be careful about how much weight this adds to the wheel. Do not use a sealant that makes the tire hard. Keep in mind, the tire is your shock absorber on the unit. You may put excessive load on the frame and drive system.

5. *Storing foam precleaners*

Keep extra oil-treated, foam precleaners for the engine in a zip-lock bag. The precleaner filters out most of the dirt and is reusable and inexpensive when compared to the price of the paper air cleaner element.

6. *A tip for greasing the pivot points of your mower*

Remove the tension from the spring-tensioned pivot points when greasing them. This will allow the grease to be more evenly distributed.

7. *Corrosion prevention*

Corrosion is inevitable—that's why you grease and lubricate your machine. Don't forget about the electrical connections. At least once a year, clean and repack the electrical connections with dielectric grease. Your dealer and many auto parts stores carry this type of grease for the electrical connections.

8. *Types of oil*

It's the quality not the quantity of grease that's important. Make sure the lubricates you choose will do an adequate job. A short cut here to save a few cents can really cost you in the long run. Keep in mind that many engine manufacturers recommend a certain weight of oil, and it may depend on the time of year. This can make a big difference in oil consumption as well as the proper lubrication of the engine. Do not use synthetic oil in the engine during the break-in period. If you use synthetic oil, the change interval stays the same; however, most engine manufacturers do not recommend the use of synthetic oils. The proper petroleum-based oil lubricates the engine adequately.

9. *Storing oxygenated fuels*

Be aware that oxygenated fuels have a shelf life of 30 days (fuels containing alcohol blends or MTBE-methyl tertiary butyl ether). Mark the date on your gas can when you fill it. There are also inexpensive testers to check your fuel to be sure that it does not contain over the maximum 10 percent alcohol or 15 percent MTBE.

10.

Maintaining idler pulleys

To add a little life to your idler pulleys, try using a little spray lubricant on the seals. Over time, water and sunlight can cause the seals to harden, shrink or crack. When this happens, the seal no longer protects the bearing and a failure will soon happen. The lubricant will help to keep the seal soft and resistant to the weathering that can occur.

11.

Adjusting a new belt

Make sure to check the adjustment on a new belt, often. Check the belt three times in the first 24 hours of use, and adjust it if necessary. During this time, the belt is fitting into the pulleys. If the belt is allowed to loosen as it fits in, you may spin/burn the belt, which drastically reduces belt life.

12.

Checking belt tension

A simple belt-tension gauge is a ruler and a fish scale. Simply hook the fish scale around the belt, and pull. Use the ruler to measure the distance. On some belts, we recommend a 1/2-inch deflection with 10 pounds of pressure. This means it would take a force of 10 pounds to move the belt a half-inch. Be sure to consult the operator's manual for the belt you're adjusting.

13.

Sharpening and balancing mower blades

Blade sharpness and balancing are important. Dull blades tear leaf tips, making them susceptible to dieback and pests. A dull blade also increases the load on the belts, bearings and engine. An unbalanced blade can cause vibrations and stress to the cutting deck. Every 8 to 10 hours of use, sharpen the blades and replace any damaged blades. Blade-balancing tools are inexpensive and readily available. Consider keeping an extra set of sharp, balanced blades on hand.

14.

Using fuel stabilizers

As the season draws to an end, put a little fuel stabilizer in your gas. This will help protect the fuel when it's slow, and ensure that the stabilized fuel gets into the carburetor.

Courtesy of Exmark Manufacturing

Your ECHO unit is designed to provide many hours of trouble free service. Regular scheduled maintenance will help your unit achieve that goal. If you are unsure or are not equipped with the necessary tools, you may want to take your unit to an ECHO Service Dealer for maintenance. To help you decide whether you want to DO-IT-YOURSELF or have the ECHO Dealer do it, each maintenance task has been graded. If the task is not listed see your Echo dealer for repairs.

SKILL LEVELS

Level 1 = Easy to do. Common tools may be required.

Level 2 = Moderate difficulty. Some specialized tools may be required.

MAINTENANCE INTERVALS

COMPONENT/ SYSTEM	MAINTENANCE PROCEDURE	REQ'D SKILL LEVEL	DAILY OR BEFORE USE	EVERY REFUEL	3 MONTHS	YEARLY
Air Filter	Inspect/Clean	1	I / C *		R *	
Automatic Oiler	Inspect/Adjust	1	I			
Oil Filter	Inspect/Replace	1	I		I / C *	
Fuel System	Inspect/Replace	1	I (1) *	I (1) *		
Fuel Filter	Inspect/Replace	1			I *	I / R *
Fuel Cap Gasket	Replace	1			I *	R *
Guide Bar & Sprocket Nose	Inspect/Clean/Lubricate	1	I / C *	I		
Saw Chain	Inspect/Sharpen/Replace/ Tensioning	2	I *			
Sprocket	Inspect/Replace	2	I *			
Spark Plug	Inspect/Clean	1			I / C / R *	
Cooling System	Inspect/Clean	2	I / C			
Muffler Spark Arrestor	Inspect/Clean/Replace	2			I / C / R *	
Cylinder Exhaust Port	Inspect/Clean/Decarbon	2			I / C	
Recoil Starter Rope	Inspect/Clean	1	I / C *			
Screws/Nuts/Bolts	Inspect/Tighten/Replace	1	I *			

MAINTENANCE PROCEDURE LETTER CODES: I = INSPECT, R = REPLACE, C = CLEAN

IMPORTANT NOTE - Time intervals shown are maximum. Actual use and your experience will determine the frequency of required maintenance.

MAINTENANCE PROCEDURE NOTES:

(1) Low evaporative fuel tanks DO NOT require regular maintenance to maintain emission integrity.

* Replacement is recommended based on the finding of damage or wear during inspection.

Equipment

ECHO LINE TRIMMERS

REPOWER PARTS						
MODEL	REPOWER FILTER KIT	REPOWER TUNE-UP KIT	REPOWER SHORT BLOCK	REPOWER FUEL LINE GROMMET KIT (2011 and Before)	REPOWER FUEL LINE GROMMET KIT (2012 and After)	REPOWER CAP & VENT KIT
GT-225	90008	90152	SB1096	90117	90127BP	90248
GT-230	90008	90152	SB1061	90069	N/A	90248
GT-231	90008	90152	SB1061	90069	N/A	90248
SRM-225	90008	90152	SB1096	90117	90127BP	90248
SRM-230	90008	90152	SB1061	90104	90142BP	90248
SRM-260	90030	90153	SB1060	90104	N/A	90248
SRM-265	N/A	90152	SB1090	90105	N/A	90248
SRM-265T	N/A	90152	SB1090	90105	N/A	90248
SRM-266	N/A	90125	SB1102	90105	90137BP	90248
SRM-266S	N/A	90125	SB1102	90105	90137BP	90248
SRM-266T	N/A	90125	SB1102	90105	90137BP	90248
SRM-266U	N/A	90125	SB1102	90105	90137BP	90248
SRM-280	N/A	90125	SB1091	90106	90141BP	90248
SRM-280S	N/A	90125	SB1091	90106	90141BP	90248
SRM-280T	N/A	90125	SB1091	90106	90141BP	90248
SRM-280U	N/A	90125	SB1091	90106	90141BP	90248
SRM-311	90030	90153	SB1073	90099	N/A	90248
SRM-410U	N/A	N/A	SB1097	90069	N/A	90248

FAST MOVING PARTS							
MODEL	SPARK PLUG	FUEL CAP ASSEMBLY	AIR FILTER	FUEL FILTER	TANK VENT	BULK STARTER ROPE	STARTER ROPE
GT-225	BPM-8Y	P021012210	A226001410	125-527	A356000031	146-084	#3.5
GT-230	BPM-8Y	13100455530	A226001410	125-527	A356000031	146-084	#3.5
GT-231	BPM-8Y	13100455530	A226001410	125-527	A356000031	146-084	#3.5
SRM-225	BPM-8Y	P021012210	A226001410	125-527	A356000031	146-084	#3.5
SRM-230	BPM-8Y	13100455530	A226001410	125-527	A356000031	146-084	#3.5
SRM-260	BPM-8Y	13100455530	13031051830	125-527	A356000031	146-084	#3.5
SRM-265	BPM-8Y	13100455530	A226001410	125-528	A356000031	146-084	#3.5
SRM-265T	BPM-8Y	13100455530	A226001410	125-528	A356000031	146-084	#3.5
SRM-266	BPM-8Y	13100455530	A226000471±	125-528	A356000031	146-084	#3.5
SRM-266S	BPM-8Y	13100455530	A226000471±	125-528	A356000031	146-084	#3.5
SRM-266T	BPM-8Y	13100455530	A226000471±	125-528	A356000031	146-084	#3.5
SRM-266U	BPM-8Y	13100455530	A226000471±	125-528	A356000031	146-084	#3.5
SRM-280	BPM-8Y	13100455530	A226000471±	125-528	A356000031	146-084	#3.5
SRM-280S	BPM-8Y	13100455530	A226000471±	125-528	A356000031	146-084	#3.5
SRM-280T	BPM-8Y	13100455530	A226000471±	125-528	A356000031	146-084	#3.5
SRM-280U	BPM-8Y	13100455530	A226000471±	125-528	A356000031	146-084	#3.5
SRM-311	BPM-8Y	13100455530	13031051830	125-527	A356000031	146-092	#4
SRM-410U	BPM-7A	13100455530	A226000360	125-527	A356000031	146-084	#3.5

PRO ATTACHMENT SERIES

REPOWER PARTS						
MODEL	REPOWER FILTER KIT	REPOWER TUNE-UP KIT	REPOWER SHORT BLOCK	REPOWER FUEL LINE GROMMET KIT (2011 and Before)	REPOWER FUEL LINE GROMMET KIT (2012 and After)	REPOWER CAP & VENT KIT
REPOWER PARTS						
MODEL	REPOWER FILTER KIT	REPOWER TUNE-UP KIT	REPOWER SHORT BLOCK	REPOWER FUEL LINE GROMMET KIT (2011 and Before)	REPOWER FUEL LINE GROMMET KIT (2012 and After)	REPOWER CAP & VENT KIT
PAS-225	90008	90152	SB1096	90117	90127BP	90248
PAS-230	90008	90152	SB1061	90104	90138BP	90248
PAS-265	N/A	90152	SB1090	90105	N/A	90248
PAS-266	N/A	90125	SB1102	90105	90137BP	90248
PAS-280	N/A	90125	SB1091	90106	90141BP	90248

FAST MOVING PARTS							
MODEL	SPARK PLUG	FUEL CAP ASSEMBLY	AIR FILTER	FUEL FILTER	TANK VENT	BULK STARTER ROPE	STARTER ROPE
FAST MOVING PARTS							
MODEL	SPARK PLUG	FUEL CAP ASSEMBLY	AIR FILTER	FUEL FILTER	TANK VENT	BULK STARTER ROPE	STARTER ROPE SIZE (mm)
PAS-225	BPM-8Y	P021012210	A226001410	125-527	A356000031	146-084	#3.5
PAS-230	BPM-8Y	13100455530	A226001410	125-527	A356000031	146-084	#3.5
PAS-265	BPM-8Y	13100455530	A226001410	125-528	A356000031	146-084	#3.5
PAS-266	BPM-8Y	13100455530	A226000472	125-528	A356000031	146-084	#3.5
PAS-280	BPM-8Y	13100455530	A226000472	125-528	A356000031	146-084	#3.5

Equipment

HEDGE TRIMMERS

REPOWER PARTS						
MODEL	REPOWER FILTER KIT	REPOWER TUNE-UP KIT	REPOWER SHORT BLOCK	REPOWER FUEL LINE GROMMET KIT (2011 and Before)	REPOWER FUEL LINE GROMMET KIT (2012 and After)	REPOWER CAP & VENT KIT
HC-150	90008	90152	SB1074	900103	90135BP	90248
HC-152	90008	90152	SB1074	N/A	90143BP	N/A
HC-155	90008	90152	SB1075	N/A	90136BP	90248
HC-160	90008	90152	SB1075	N/A	N/A	90248
HC-165	90008	90152	SB1075	N/A	90136BP	90248
HC-180	90008	90152	SB1075	N/A	N/A	90248
HC-185	90008	90152	SB1075	N/A	90136BP	90248
HC-200	90008	90152	SB1075	N/A	N/A	90248
HC-201	90008	90152	SB1075	N/A	N/A	90248
HC-225	90008	90152	SB1075	90117	N/A	90248
HC-230	90008	90152	SB1063	N/A	N/A	90248
HC-231	90008	90152	SB1063	N/A	N/A	90248
HC-235	90008	90152	SB1075	N/A	90136BP	90248
HC-245	90008	90152	SB1075	N/A	90136BP	90248
HCA-260	90030	90153	SB1060	N/A	N/A	90248
HCA-265	N/A	90152	SB1090	90104	N/A	90248
HCA-266	N/A	90125	SB1102	90104	90137BP	90248
SHC-210	90008	90152	SB1072	N/A	N/A	90248
SHC-225	90008	90152	SB1096	90117	90139BP	90248
SHC-225S	90008	90152	SB1096	90117	90139BP	90248
SHC-260	90030	90153	SB1060	N/A	N/A	90248
SHC-265	N/A	90152	SB1090	90105	N/A	90248
SHC-266	N/A	90125	SB1102	90105	90137BP	90248

HEDGE TRIMMERS (CONT.)

FAST MOVING PARTS							
MODEL	SPARK PLUG (GAP: 0.65 mm, 0.026")	FUEL CAP ASSEMBLY	AIR FILTER	FUEL FILTER	TANK VENT	BULK STARTER ROPE	STARTER ROPE SIZE (mm)
HC-150	BPM-8Y	13100455530	A226001410	125-527	A356000031	146-084	#3.5
HC-152	BPM-8Y	P021040430	A226001410	125-527	A356000031	146-084	#3.5
HC-155	BPM-8Y	P021012210	A226001410	125-527	A356000031	146-084	#3.5
HC-160	BPM-8Y	13100455530	A226001410	125-527	A356000031	146-084	#3.5
HC-165	BPM-8Y	P021012210	A226001410	125-527	A356000031	146-084	#3.5
HC-180	BPM-8Y	13100455530	A226001410	125-527	A356000031	146-084	#3.5
HC-185	BPM-8Y	P021012210	A226001410	125-527	A356000031	146-084	#3.5
HC-200	BPM-8Y	13100455530	A226001410	125-527	A356000031	146-084	#3.5
HC-201	BPM-8Y	13100455530	A226001410	125-527	A356000031	146-084	#3.5
HC-225	BPM-8Y	P021012210	A226001410	125-527	A356000031	146-084	#3.5
HC-230	BPM-8Y	13100455530	A226001410	125-528	A356000031	146-084	#3.5
HC-231	BPM-8Y	13100455530	A226001410	125-528	A356000031	146-084	#3.5
HC-235	BPM-8Y	P021012210	A226001410	125-527	A356000031	146-084	#3.5
HC-245	BPM-8Y	P021012210	A226001410	125-527	A356000031	146-084	#3.5
HCA-260	BPM-8Y	13100455530	13031051830	125-528	A356000031	146-084	#3.5
HCA-265	BPM-8Y	13100455530	A226001410	125-528	A356000031	146-084	#3.5
HCA-266	BPM-8Y	13100455530	A226000472	125-528	A356000031	146-084	#3.5
SHC-210	BPM-8Y	13100455530	A226001410	125-527	A356000031	146-084	#3.5
SHC-225	BPM-8Y	P021012210	A226001410	125-527	A356000031	146-084	#3.5
SHC-225S	BPM-8Y	P021012210	A226001410	125-527	A356000031	146-084	#3.5
SHC-260	BPM-8Y	13100455530	13031051830	125-528	A356000031	146-084	#3.5
SHC-265	BPM-8Y	13100455530	A226001410	125-528	A356000031	146-084	#3.5
SHC-266	BPM-8Y	13100455530	A226000472	125-528	A356000031	146-084	#3.5

Equipment

POWER EDGERS

REPOWER PARTS						
MODEL	REPOWER FILTER KIT	REPOWER TUNE-UP KIT	REPOWER SHORT BLOCK	REPOWER FUEL LINE GROMMET KIT (2011 and Before)	REPOWER FUEL LINE GROMMET KIT (2012 and After)	REPOWER CAP & VENT KIT
REPOWER PARTS						
MODEL	REPOWER FILTER KIT	REPOWER TUNE-UP KIT	REPOWER SHORT BLOCK	REPOWER FUEL LINE GROMMET KIT (2011 and Before)	REPOWER FUEL LINE GROMMET KIT (2012 and After)	REPOWER CAP & VENT KIT
BRD-280	N/A	90125	SB1091	90106	90141BP	N/A
PE-225	90008	90152	SB1096	90117	90127BP	90248
PE-230	90008	90152	SB1061	90104	90142BP	90248
PE-260	90030	90153	SB1060	90104	N/A	90248
PE-265	N/A	90152	SB1090	90105	N/A	90248
PE-265S	N/A	90152	SB1090	90105	N/A	90248
PE-266	N/A	90125	SB1102	90105	90137BP	90248
PE-266S	N/A	90125	SB1102	90105	90137BP	90248
PE-280	N/A	90125	SB1091	90106	90141BP	N/A
PE-311	90030	90153	SB1073	90099	N/A	90248

FAST MOVING PARTS							
MODEL	SPARK PLUG (GAP: 0.65 mm, 0.026")	FUEL CAP ASSEMBLY	AIR FILTER	FUEL FILTER	TANK VENT	BULK STARTER ROPE	STARTER ROPE SIZE (mm)
FAST MOVING PARTS							
MODEL	SPARK PLUG (GAP: 0.65 mm, 0.026")	FUEL CAP ASSEMBLY	AIR FILTER	FUEL FILTER	TANK VENT	BULK STARTER ROPE	STARTER ROPE SIZE (mm)
BRD-280	BPM-8Y	13100455530	A226000351	125-528	A356000031	146-084	#3.5
PE-225	BPM-8Y	P021012210	A226001410	125-527	A356000031	146-084	#3.5
PE-230	BPM-8Y	13100455530	A226001410	125-528	A356000031	146-084	#3.5
PE-260	BPM-8Y	13100455530	13031051830	125-528	A356000031	146-084	#3.5
PE-265	BPM-8Y	13100455530	A226001410	125-528	A356000031	146-084	#3.5
PE-265S	BPM-8Y	13100455530	A226001410	125-528	A356000031	146-084	#3.5
PE-266	BPM-8Y	13100455530	A226000472	125-528	A356000031	146-084	#3.5
PE-266S	BPM-8Y	13100455530	A226000472	125-528	A356000031	146-084	#3.5
PE-280	BPM-8Y	13100455530	A226000351	125-528	A356000031	146-084	#3.5
PE-311	BPM-8Y	13100455530	13031051830	125-527	A356000031	146-092	#4

BLOWERS

REPOWER PARTS						
MODEL	REPOWER FILTER KIT	REPOWER TUNE-UP KIT	REPOWER SHORT BLOCK	REPOWER FUEL LINE GROMMET KIT (2011 and Before)	REPOWER FUEL LINE GROMMET KIT (2012 and After)	REPOWER CAP & VENT KIT
PB-250	N/A	90152	SB1104	N/A	90129BP	90248
PB-251	N/A	90154	SB1092	90130BP	N/A	90248
PB-255	N/A	90154	SB1092	90130BP	90130BP	90248
PB-255LN	N/A	90154	SB1092	N/A	90130BP	N/A
PB-265L	N/A	90154	SB1092	N/A	90126BP	90248
PB-265LN	N/A	90154	SB1092	N/A	90126BP	N/A
PB-410	N/A	N/A	SB1056	N/A	N/A	N/A
PB-413H	N/A	90151	SB1077	N/A	N/A	N/A
PB-413T	N/A	90151	SB1077	N/A	N/A	N/A
PB-460LN	N/A	90161	SB1077	N/A	90131BP	N/A
PB-500H	N/A	90151	SB1095	N/A	90132BP	N/A
PB-500T	N/A	90151	SB1095	N/A	90132BP	N/A
PB-610	N/A	90161	SB1078	N/A	N/A	N/A
PB-620	N/A	90151	SB1078	N/A	N/A	N/A
PB-620H	N/A	90161	SB1078	N/A	N/A	N/A
PB-620ST	N/A	90151	SB1078	N/A	N/A	N/A
PB-755H	N/A	90161	SB1070	N/A	N/A	90248
PB-755SH	N/A	90151	SB1070	N/A	90133BP	90248
PB-755ST	N/A	90151	SB1070	N/A	90133BP	90248
PB-755T	N/A	90161	SB1070	N/A	N/A	90248
PB-760LNT	90124	90150	N/A	N/A	90134BP	90248
PB-770H	90124	90122	SB1099	90123	90134BP	90248
PB-770T	90124	90122	SB1099	90123	90134BP	90248

Equipment

BLOWERS (CONT.)

FAST MOVING PARTS					
MODEL	SPARK PLUG	FUEL CAP ASSEMBLY	AIR FILTER	FUEL FILTER	TANK VENT
PB-250	BPM-8Y	13100455530	A226001410	125-527	A356000031
PB-251	BPM-8Y	13100455530	A226000351	125-527	A356000031
PB-255	BPM-8Y	13100455530	A226000351	125-527	A356000031
PB-255LN	BPM-8Y	13100455530	A226000351	125-527	A356000031
PB-265L	BPM-8Y	13100455530	A226000351	125-527	A356000031
PB-265LN	BPM-8Y	P021040030	A226000351	125-527	A356000031
PB-410	BPM-8Y	13160009861	13031700760	125-528	13131406320
PB-413H	BPM-8Y	13160009861	A226000032	125-528	13131406320
PB-413T	BPM-8Y	13160009861	A226000032	125-528	13131406320
PB-460LN	BPM-8Y	13160009861	13030508361	125-528	13131406320
PB-500H	BPM-8Y	13160009861	A226000032	125-528	13131406320
PB-500T	BPM-8Y	13160009861	A226000032	125-528	13131406320
PB-610	BPM-8Y	13160009861	13030508361	125-528	13131406320
PB-620	BPM-8Y	13160009861	A226000032	125-528	13131406320
PB-620H	BPM-8Y	13160009861	13030508361	125-528	13131406320
PB-620ST	BPM-8Y	13160009861	A226000032	125-528	13131406320
PB-755H	BPM-8Y	13100455530	13030508361	125-528	A356000031
PB-755SH	BPM-8Y	13100455530	A226000032	125-528	A356000031
PB-755ST	BPM-8Y	13100455530	A226000032	125-528	A356000031
PB-755T	BPM-8Y	13100455530	13030508361	125-528	A356000031
PB-760LNT	BPM-6Y	P021040030	A226000410±	125-528	A356000031
PB-770H	BPM-8Y	13100455530	A226000410±	125-528	A356000031
PB-770T	BPM-8Y	13100455530	A226000410±	125-528	A356000031

BLOWERS (CONT.)

MODEL	PIPES & TUBES				
	ELBOW	SHOULDER STRAP	TUBE (END NOZZLE)	TUBE (MIDDLE)	TUBE (SWIVEL)
PB-250	N/A	N/A	E165000171	E165000320	N/A
PB-251	N/A	N/A	E165000171	E165000180	N/A
PB-255	N/A	N/A	E165000171	E165000180	N/A
PB-255LN	N/A	N/A	E165000191	E165000180	N/A
PB-265L	E160000111	C061000111	E165000171	E165000141	E165000130
PB-265LN	E160000111	C061000111	E165000171	E165000141	E165000130
PB-410	21001101160	30030102260	21002303461	21000103464	21200503460
PB-413H	E160000061	C061000100	21002303461	21000103464	21200507560
PB-413T	E160000061	C061000100	21002303461	21000103464	21200507560
PB-460LN	E160000061	C061000111	21002303461	21000103464	21200507560
PB-500H	E160000061	C061000111	E165000171	E165000141	E165000130
PB-500T	E160000061	C061000111	E165000171	E165000141	E165000130
PB-610	E160000061	C061000100	E165000030	E165000020	E165000010
PB-620	E160000061	C061000111	E165000171	E165000141	E165000130
PB-620H	E160000061	C061000111	E165000171	E165000141	E165000130
PB-620ST	E160000061	C061000111	E165000171	E165000141	E165000130
PB-755H	E160000092	C061000111	21200507560	E165000141	E165000130
PB-755SH	E160000092	C061000111	21200507560	E165000141	E165000130
PB-755ST	E160000092	C061000111	21200507560	E165000141	E165000130
PB-755T	E160000092	C061000111	21200507560	E165000141	E165000130
PB-760LNT	E160000130	C061000491/501	E165000620	E165000610	E165000311
PB-770H	E160000130	P021046660	E165000280	E165000291	E165000371
PB-770T	E160000130	P021046660	E165000280	E165000291	E165000311

Equipment

POWER PRUNERS

REPOWER PARTS						
MODEL	REPOWER FILTER KIT	REPOWER TUNE-UP KIT	REPOWER SHORT BLOCK	REPOWER FUEL LINE GROMMET KIT (2011 and Before)	REPOWER FUEL LINE GROMMET KIT (2012 and After)	REPOWER CAP & VENT KIT
PPF-210	90008	90074	SB1072	90097	N/A	90248
PPF-225	90008	90074	SB1096	90117	90139BP	90248
PPF-280	N/A	90125	SB1091	90106	90141BP	90248
PPT-230	90008	90074	SB1061	90104	N/A	90248
PPT-260	90030	90075	SB1060	90104	N/A	90248
PPT-265	N/A	90074	SB1090	90105	N/A	90248
PPT-265S	N/A	90074	SB1090	90105	N/A	90248
PPT-266	N/A	90125	SB1102	90105	90137BP	90248
PPT-266H	N/A	90125	SB1102	90105	90137BP	90248
PPT-266S	N/A	90125	SB1102	90105	N/A	90248
PPT-280	N/A	90125	SB1091	90106	90141BP	90248

FAST MOVING PARTS							
MODEL	SPARK PLUG (GAP: 0.65 mm, 0.026")	FUEL CAP ASSEMBLY	AIR FILTER	FUEL FILTER	TANK VENT	BULK STARTER ROPE	STARTER ROPE SIZE (mm)
PPF-210	BPM-8Y	13100455530	A226001410	125-527	A356000031	146-084	#3.5
PPF-225	BPM-8Y	P021012210	A226001410	125-527	A356000031	146-084	#3.5
PPF-280	BPM-8Y	13100455530	A226000472	125-528	A356000031	146-084	#3.5
PPT-230	BPM-8Y	13100455530	A226001410	125-528	A356000031	146-084	#3.5
PPT-260	BPM-8Y	13100455530	13031051830	125-528	A356000031	146-084	#3.5
PPT-265	BPM-8Y	13100455530	A226001410	125-528	A356000031	146-084	#3.5
PPT-265S	BPM-7A	13100455530	A226001410	125-528	A356000031	146-084	#3.5
PPT-266	BPM-8Y	13100455530	A226000472	125-528	A356000031	146-084	#3.5
PPT-266H	BPM-8Y	13100455530	A226000472	125-528	A356000031	146-084	#3.5
PPT-266S	BPM-8Y	13100455530	A226000472	125-528	A356000031	146-084	#3.5
PPT-280	BPM-8Y	13100455530	A226000472	125-528	A356000031	146-084	#3.5

GUIDE BAR & CHAIN PARTS					
MODEL	OIL CAP	OREGON GUIDE BAR 10"	OREGON SAW CHAIN 10"	GUIDE BAR 12"	SAW CHAIN 12"
PPF-210	P021000951	104MLEA218	90PX039G	120SDET218	91PX044G
PPF-225	P021005592	100SDEA041	91PX039G	120DGEA041	91PX044G
PPF-280	P021005592	100SDEA041	91PX039G	120SDEA041	91PX044G
PPT-230	P021000951	104MLEA218	90PX039G	120SDET218	91PX044G
PPT-260	P021000951	100SDEA218	91PX039G	120SDET218	91PX044G
PPT-265	P021005592	100SDEA041	91PX039G	120DGEA041	91PX044G
PPT-265S	P021005592	100SDEA041	91PX039G	120DGEA041	91PX044G
PPT-266	P021005592	100SDEA041	91PX039G	120DGEA041	91PX044G
PPT-266H	P021005592	100SDEA041	91PX039G	120DGEA041	91PX044G
PPT-266S	P021005592	100SDEA041	91PX039G	120DGEA041	91PX044G
PPT-280	P021005592	100SDEA041	91PX039G	120DGEA041	91PX044G

SHRED N VAC

REPOWER PARTS						
MODEL	REPOWER FILTER KIT	REPOWER TUNE-UP KIT	REPOWER SHORT BLOCK	REPOWER FUEL LINE GROMMET KIT (2011 and Before)	REPOWER FUEL LINE GROMMET KIT (2012 and After)	REPOWER CAP & VENT KIT
REPOWER PARTS						
MODEL	REPOWER FILTER KIT	REPOWER TUNE-UP KIT	REPOWER SHORT BLOCK	REPOWER FUEL LINE GROMMET KIT (2011 and Before)	REPOWER FUEL LINE GROMMET KIT Post 2011	REPOWER REPOWER CAP & VENT KIT
ES-210	90008	90152	SB1076	90098	N/A	90248
ES-211	90008	90152	SB1076	90098	N/A	90248
ES-230	90030	90153	SB1062	N/A	N/A	90248
ES-231	90030	90153	SB1062	N/A	N/A	90248
ES-250	N/A	90152	SB1104	N/A	90129BP***	90248
ES-255	N/A	90154	SB1092	90130BP	90130BP	90248

FAST MOVING PARTS					
MODEL	SPARK PLUG	FUEL CAP ASSEMBLY	AIR FILTER	FUEL FILTER	TANK VENT
FAST MOVING PARTS					
MODEL	SPARK PLUG	FUEL CAP ASSEMBLY	AIR FILTER	FUEL FILTER	TANK VENT
ES-210	BPM-8Y	1310045530	A226001410	125-527	A356000031
ES-211	BPM-8Y	1310045530	A226001410	125-527	A356000031
ES-230	BPM-8Y	1310045530	13031051830	125-528	A356000031
ES-231	BPM-8Y	1310045530	13031051830	125-528	A356000031
ES-250	BPM-8Y	1310045530	A226001410	125-527	A356000031
ES-255	BPM-8Y	1310045530	A226000351	125-527	A356000031

PIPES & TUBES						
MODEL	ELBOW	SHOULDER STRAP	TUBE (END NOZZLE)	TUBE (MIDDLE)	TUBE (SWIVEL)	PIPE (FLEX TUBE)
PIPES & TUBES						
MODEL	ELBOW	COLLECTION BAG	SHOULDER STRAP	TUBE (END NOZZLE)	TUBE (MIDDLE)	TUBE (SUCTION)
ES-210	21501205060	99944100205	99944100030	21001420561	21001505060	E180000020
ES-211	21501205060	99944100205	99944100030	21001420561	21001505060	P021009410
ES-230	21501205060	99944100205	99944100030	21001420561	21001505060	E180000020
ES-231	21501205060	99944100205	99944100030	21001420561	21001505060	E180000020
ES-250	E160000171	X692000120	99944100030	E165000171	E165000321	E180000011
ES-255	E160000120	99944100206	99944100030	E165000191	E165000180	E180000011

Equipment

AUGERS / DRILLS

REPOWER PARTS						
MODEL	REPOWER FILTER KIT	REPOWER TUNE-UP KIT	REPOWER SHORT BLOCK	REPOWER FUEL LINE GROMMET KIT (2011 and Before)	REPOWER FUEL LINE GROMMET KIT (2012 and After)	REPOWER CAP & VENT KIT
REPOWER PARTS						
MODEL	REPOWER FILTER KIT	REPOWER TUNE-UP KIT	REPOWER SHORT BLOCK	REPOWER CAP & VENT KIT	FUEL FILTER	SPARK PLUG (GAP: 0.65 mm, 0.026")
EA-400	N/A	N/A	SB1059	90248	125-528	RCJ-6Y
EA-410	N/A	N/A	SB1097	90248	125-528	BPM-7A
EA-500	N/A	N/A	N/A	90248	125-528	RCJ-6Y
ED-200	N/A	N/A	SB1065	90248	125-527	BPM-8Y
EDR-210	N/A	N/A	SB1065	90248	125-527	BPM-8Y
EDR-260	90008	90153	SB1060	90248	125-528	BPM-8Y
TC-210	90008	90152	SB1087	90248	125-527	BPM-8Y

FAST MOVING PARTS						
MODEL	SPARK PLUG (GAP: 0.65 mm, 0.026")	FUEL CAP ASSEMBLY	AIR FILTER	FUEL FILTER	TANK VENT	BULK STARTER ROPE
FAST MOVING PARTS						
MODEL	FUEL CAP ASSEMBLY	AIR FILTER	AIR FILTER COVER	TANK VENT	BULK STARTER ROPE	STARTER ROPE SIZE (mm)
EA-400	13100455530	A226000220	A232000280	A356000031	146-084	#3.5
EA-410	13100455530	A226000360	P021012110	A356000031	146-084	#3.5
EA-500	13100455530	A226000220	A232000280	A356000031	146-084	#3.5
ED-200	13100455530	13031044330	13030020960	A356000031	146-084	#3.5
EDR-210	13100455530	13031044330	13030020960	A356000031	146-084	#3.5
EDR-260	13100455530	A226001410	13031306563	A356000031	146-084	#3.5
TC-210	13100455530	A226001410	13031306563	A356000031	146-084	#3.5

PUMPS

REPOWER PARTS						
MODEL	REPOWER FILTER KIT	REPOWER TUNE-UP KIT	REPOWER SHORT BLOCK	REPOWER FUEL LINE GROMMET KIT (2011 and Before)	REPOWER FUEL LINE GROMMET KIT (2012 and After)	REPOWER CAP & VENT KIT
REPOWER PARTS						
MODEL	REPOWER FILTER KIT	REPOWER TUNE-UP KIT	REPOWER SHORT BLOCK	REPOWER CAP & VENT KIT	FUEL FILTER	SPARK PLUG (GAP: 0.65 mm, 0.026")
SHR-210	90008	90152	SB1065	90248	125-527	BPM-8Y
WP-1000	90008	90157	SB1026	90248	125-527	BPM-7A

FAST MOVING PARTS						
MODEL	SPARK PLUG (GAP: 0.65 mm, 0.026")	FUEL CAP ASSEMBLY	AIR FILTER	FUEL FILTER	TANK VENT	BULK STARTER ROPE
FAST MOVING PARTS						
MODEL	FUEL CAP ASSEMBLY	AIR FILTER	AIR FILTER COVER	TANK VENT	BULK STARTER ROPE	STARTER ROPE SIZE (mm)
SHR-210	13100455530	A226001410	13031306563	A356000031	146-084	#3.5
WP-1000	13100455530	A226001410	13031306563	A356000031	146-084	#3.5

Equipment

CHAIN SAWS

REFERENCE

REPOWER PARTS				FAST MOVING PARTS						
MODEL	REPOWER TUNE-UP KIT	REPOWER SHORT BLOCK	REPOWER FUEL SYSTEM KIT (2012 and After)	AIR AIR FILTER / ASSY	SPARK PLUG (GAP: 0.65 mm, 0.026")	FUEL CAP ASSEMBLY	OIL CAP / ASSY	CLUTCH ASSEMBLY	FUEL FILTER	TANK VENT
CS-271T	N/A	N/A	N/A	A226000051	BPM-8Y	P021038080	P021005581	A056000030	13120514930	13130056431
CS-301	90149	SB1052	N/A	13031039132	BPM-8Y	43600139232	43600139232	Refer to IPL**	125-527	A356000031
CS-303T	90164BP	SB1108	90169BP	13031039132	BPM-8Y	P021044600	P021044580	A056000070	13120514931	A356000031
CS-305	90149	SB1052	N/A	13031039132	BPM-8Y	43600139232	43600139232	A056000070	125-527	A356000031
CS-306	90149	SB1052	N/A	13031039132	BPM-8Y	P021011590	P021011590	A056000070	125-527	A356000031
CS-310	90121	N/A	N/A	P021016500	BPM-8Y	P021037920	P021005581	A056000210	125-527	A356000031
CS-330MX4	90159	SB1085	N/A	A226000291	BPM-8Y	P021005592	P021005581	A056000070	125-527	A356000031
CS-330T	90159	SB1085	N/A	A226000291	BPM-8Y	P021005592	P021005581	A056000070	125-527	A356000031
CS-330T	90159	SB1085	N/A	A226000291	BPM-8Y	P021005592	P021005581	A056000070	125-527	A356000031
CS-341	90149	SB1069	N/A	13031039132	BPM-8Y	P021011590	P021011590	A056000070	125-527	A356000031
CS-341	90149	SB1069	N/A	13031039132	BPM-8Y	43600139232	43600139232	A056000070	125-527	A356000031
CS-346	90149	SB1069	N/A	13031039132	BPM-8Y	43600139232	43600139232	Refer to IPL**	13120514930	A356000031
CS-352	N/A	N/A	N/A	A226001420	BPM-8Y	P021037920	P021005581	A056000210	13120514930	A356000031
CS-355T	90144	N/A	90145BP	A226001660	BPM-8Y	P021038080	P021005581	A056000070	13120514930	13130056431
CS-360T	90159	SB1086	N/A	A226000291	BPM-8Y	P021005592	P021005581	A056000070	125-527	A356000031
CS-370	90109	SB1088	N/A	13030039730	BPM-8Y	13100435931	P021007630	A056000180	13120519832	A356000031
CS-400	90109	SB1089	N/A	13030039730	BPM-8Y	P021036960	P021007630	A056000180	13120519832	A356000031
CS-400	90109	SB1089	N/A	13030039730	BPM-8Y	P021036960	P021007630	A056000180	13120519832	A356000031
CS-440	N/A	SB1082	N/A	13031038331	BPM-8Y	P021037920	43600139232	A056000180	13120519832	A356000031
CS-450	N/A	SB1094	N/A	13031038331	BPM-8Y	P021036960	P021007630	A056000180	13120519832	A356000031
CS-450P	N/A	SB1094	N/A	13031038331	BPM-8Y	P021036960	P021007630	A056000180	13120519832	A356000031
CS-500P	N/A	N/A	N/A	A226001090	BPM-8Y	13100437632	C020000040	A056000610	13120519832	A356000050
CS-510	N/A	N/A	N/A	13031038331	BPM-7A	P021037920	43600139232	P021007071	13120519832	A356000031
CS-510	N/A	N/A	N/A	13031038331	RCJ-6Y	P021037920	43600139232	P021007071	13120519832	A356000031
CS-520	N/A	SB1080	N/A	13031038331	BPM-7A	P021037920	43600139232	P021007071	13120519832	A356000031
CS-530	N/A	SB1080	N/A	13031038331	BPM-8Y	P021036960	P021007630	A056000111	13120519832	A356000031
CS-550P	N/A	N/A	N/A	A226001610	BPM-8Y	P021016041	P021016031	A056000220	13120519832	13130056431
CS-590	90167BP	N/A	90166BP	P021016371	BPM-8Y	P021037420	P021016031	A056000220	13120519832	13130056431
CS-590										
CS-600P	90167BP	N/A	90166BP	P021016371	BPM-8Y	P021037420	P021016031	A056000220	13120519832	A356000031
CS-600P										
CS-600P										
CS-600P										
CS-620P	90167BP	N/A	90166BP	P021016371	BPM-8Y	P021037420	P021016031	A056000220	13120519832	13130056431
CS-620P										
CS-620P										
CS-620P										
CS-620P										
CS-620PW	90167BP	N/A	90166BP	P021016371	BPM-8Y	P021037420	P021016031	A056000220	13120519832	13130056431
CS-620PW										
CS-620PW										
CS-620PW										
CS-620PW										
CS-670	N/A	N/A	N/A	A226000070	CJ-6Y	13100437632	43600139232	Refer to IPL**	13120519832	A356000031
CS-680	N/A	N/A	N/A	A226000070	BPM-7A	13100437632	43600135934	A056000050	13120519832	A356000031
CS-8000	N/A	N/A	N/A	13030330831	BPM-7A	13100437632	43600138830	17500030832	13120519832	A356000031

CHAIN SAWS (CONT.)

MODEL	GUIDE BAR & CHAIN PARTS				
	CLUTCH DRUM	CHAIN BRAKE ASSEMBLY	GUIDE BAR	SAW CHAIN	RIM SPROCKET
CS-271T	A556000091	P021038180	12" - 124MLEA041	12" - 90SG045G	N/A
CS-301	1.7501E+10	C032000052	12" - 120DGEA041	12" - 91PX045G	N/A
CS-303T	1.7501E+10	P021043760	12" - 120DGEA041	12" - 91PX045G	N/A
			14" - 140DGEA041	14" - 91PX052G	
CS-305	1.7501E+10	C032000062	12" - 124MLEA041	12" - 90SG045G	N/A
CS-306	1.7501E+10	C032000290	14" - 140DGEA041	14" - 91PX052G	N/A
CS-310	A556000543	N/A	14" - 140DGEA041	14" - 91PX052G	N/A
CS-330MX4	1.7501E+10	C032000340	14" - 140DGEA041	14" - 91PX052G	N/A
CS-330T	1.7501E+10	P021016470	14" - 140DGEA041	14" - 91PX052G	N/A
CS-330T	1.7501E+10	C032000261	12" - 120DGEA041	12" - 91PX045G	N/A
CS-341	1.7501E+10	P021011570	14" - 140DGEA041	14" - 91PX052G	N/A
CS-341	1.7501E+10	P021011570	16" - 160DGEA041	16" - 91PX057G	N/A
CS-346	1.7501E+10	Refer to IPL**	16" - 160DGEA041	16" - 91PX057G	N/A
CS-352	A556000543	Refer to IPL**	14" - 140DGEA041	14" - 91PX052G	N/A
CS-355T	1.7501E+10	P021042602	14" - 140DGEA041	14" - 91PX052G	N/A
			16" - 160DGEA041	16" - 91PX057G	
CS-360T	1.7501E+10	C032000261	16" - 160DGEA041	16" - 91PX057G	N/A
CS-370	A556000400	P021017220	16" - 160DGEA041	16" - 91PX057G	N/A
CS-400	A556000400	P021017220	16" - 160DGEA041	16" - 91PX057G	N/A
CS-400	A556000400	P021017220	18" - 180DGEA041	18" - 91PX062G	N/A
CS-440	A556000172	4.331E+10	16" - 160GLGK041	16" - 20BPX066G	Refer to IPL**
CS-450	A556000441	C032000323	18" - 180GLGK216	18" - 20BPX072G	17511412530
CS-450P	A556000441	C032000323	18" - 180GLGK216	18" - 20LPX072G	17511412530
CS-500P	A556001121	N/A	20" - 200GLGK216	20" - 20LPX078G	17511412530
CS-510	A556000021	4.331E+10	16" - 160GLGK041	16" - 20BPX066G	17511412530
CS-510	A556000021	4.331E+10	18" - 180GLGK041	18" - 20BPX072G	17511412530
CS-520	A556000021	4.331E+10	16" - 160GLGK041	16" - 20BPX066G	17511412530
CS-530	A556000021	C032000323	20" - 200GLGK216	20" - 20LPX078G	17511412530
CS-550P	A555000160	Refer to IPL**	20" - 200GLGK216	20" - 20LPX078G	17511412530
CS-590	A556001580	N/A	18" - 180SLHD176	18" - 72LPX064G	N/A
CS-590			20" - 200GLHD176	20" - 72LPX070G	
CS-600P	A556000550	N/A	20" - 200GLHD176	20" - 72LPX070G	682100
CS-600P			24" - 240RNDD176	24" - 72LPX081G	
CS-600P			27" - 27D0PS3893	27" - 72LPX093G	
CS-600P			16" - 160GLHD176	16" - 72LPX060G	
CS-620P	A556001610	N/A	20" - 200GLHD176	20" - 72LPX070G	682100
CS-620P			24" - 240RNDD176	24" - 72LPX081G	
CS-620P			27" - 27D0PS3893	27" - 72LPX093G	
CS-620P			16" - 160GLHD176	16" - 72LPX060G	
CS-620P			18" - 180RNDD176	18" - 72LPX066G	
CS-620PW	A556001610	N/A	20" - 200GLHD176	20" - 72LPX070G	682100
CS-620PW			24" - 240RNDD176	24" - 72LPX081G	
CS-620PW			27" - 27D0PS3893	27" - 72LPX093G	
CS-620PW			16" - 160GLHD176	16" - 72LPX060G	
CS-620PW			18" - 180RNDD176	18" - 72LPX066G	
CS-670	1.7511E+10	P021010652	27" - 27D0PS3893	27" - 72LPX093G	682100
CS-680	1.7511E+10	P021010642	24" - 240RNDD176	24" - 72LPX081G	682100
CS-8000	1.7511E+10	4.332E+10	27" - 27D0PS3893	27" - 72LPX093G	682100