

Requisition # 00181647 Date Entered 09-08-2010 Account Year 0 Item Total 8,441.25
 Enter Req's Only Approve Approve By Year Requisition Status Needs Approval by PCT1 Acct Total 8,441.25

Order Header | Items | Accounts | Inquire | Approval
 Stipend Vendor: Order:
 Approval Level Owner

MORIDGE MANUFACTURING INC.
 D/B/A THE GRASSHOPPER CO.
 P.O. BOX 810
 MOUNDRIDGE KS 67107

Type:
 Order: HIDALGO CO. PCT 1
 Ship: HIDALGO CO. PCT 1
 Special Inst Internal: RIDING MOWER FOR PARKS DEPT.
 Po Special Inst: P196
 Owner: JFLORES

Line No	Qty Ordered	Description	Unit Price	Final Cost
1	1	534133 MODEL 227 / 72 27 HP KOHLER COMMAND PRO, V-TWIN 7	8,441.25	8,441.25

Account Number	Description	Account Balance	Amount
0-1100-452-00-121-013-0-748	PCT1 PARKS-OTHER EQUIPMENT	3,103.06	8,441.25

Moridge Manufacturing,
PO Box 810,
Moundridge, KS 67107



Quote

Customer
Name **Hildago County**
Address 28312 FM8
City Edcouch State TX ZIP 78538
Fax: **Attention: Jorge Flores**
Phone: 956-262-6585 Email: jorge.flores@co.hidalgo.tx.us

Misc
Date 9/8/2010
Contract No. 292-08
Contract Name Buy Board
Rep:

Qty	Order #	Description	List Price	Bid Price	TOTAL
1	534133	Model 227/72 27 hp, Kohler Command Pro, V-twin 72" DuraMax™ Cuttnig Deck	\$11,255.00	\$ 8,441.25	\$ 8,441.25

SubTotal	\$	8,441.25
Set up/Delivery		Included
	\$	-
Trade Allowance	\$0.00	\$0.00
TOTAL	\$	8,441.25

Dealer
Dealer Name H & H Outdoor
Address _____
Harlingen, TX
Phone: _____
Contact: _____

Make PO out to Moridge Mfg., Inc.

PO#	
Signature:	

All Quotes are good for 30 days, and all equipment comes with a 2 year limited warranty
For Additional Information
Please Contact: Brent Dobson Fax: 316-462-0593
Phone: 620-345-8621 Email: bdobson@grasshoppermower.com

200 Series Air-Cooled MidMount™ Models



A great first step toward the fleet of your dreams.

Model 220



- 20 hp, 2-cylinder Kohler Command engine
- Fully padded, high-back, vinyl-covered ComfortZone™ seat
- 48-inch DuraMax® Deck

The turf care professional's perfect introduction to Grasshopper True ZeroTurn™ performance. The reliable, economical 200 Series mowers deliver a quality cut and powerful, air-cooled performance in a compact package ideal for tight-quarters mowing. Enjoy the maneuverability of a walk-behind without the fatigue, so operators can mow longer and deliver quality results every time.

- Forward mowing speeds up to 10 mph – or up to 6.55 acres per hour – make quick work of high-capacity, straightaway mowing applications.
- Durable, design-matched hydrostatic transmissions with CoolFan™ hydro cooling system provide smoother response and less maintenance.
- Only five Access-Eze™ lubrication points cut maintenance time up to 80%.
- A compact wheelbase provides easy transport on trailers and fits easily into shops or garages with limited space.
- Each DuraMax® deck easily converts from side discharge to optional mulching to vacuum collection.

Model 223

- 23 hp, 2-cylinder Kohler Command Pro engine
- CoolTemp Cordura® ComfortZone™ seat with lumbar support
- CoolFan™ hydro cooling system
- 52 or 61-inch DuraMax® deck



Features for 200 Series

- Rugged OHV engines with horizontal crankshaft and pressure lube
- Design-matched G² transmissions with 7 micron absolute filters
- DuraMax® decks
- Deep-cushioned ComfortZone™ seat with coil-spring suspension
- Adjustable levers
- Heavy-duty, remote-mounted air filter with replaceable element
- ROPS with adjustable seat belt
- Disc brakes
- Hour meter

Options for 200 Series

- Quik-D-Tatch® PowerVac™ Collection Systems
- DownDischarge™ Mulching packages
- TrimMaster™, heavy-duty, anti-scalp rollers for 52-, 61- and 72-inch models
- Electric Height Adjustment
- Halogen work lights
- Extended levers for taller operators
- ComfortReach™ "no tools" lever adjustment
- Big Boy wide-seat conversion kit
- Sliding, adjustable-tension suspension seat
- Adjustable cup holder
- Foldable ROPS with adjustable seat belt
- Bar tread, low-pressure tires (for 61- and 72-inch models)
- Edge-Eze™ edger
- Shielded Sprayer
- Sunshade Canopy (for ROPS)
- Yellow beacon light

Be more productive with the addition of a PowerVac™ Collection System or other implements. Ask for specifications or log on to grasshoppermower.com.

Models may be shown with optional equipment.

Model 227



- 27 hp, 2-cylinder Kohler Command Pro engine
- CoolTemp Cordura® ComfortZone™ seat with lumbar support
- CoolFan™ hydro cooling system
- 52, 61 or 72-inch DuraMax® deck



Air-Cooled 200 Series MidMount™ Specifications

MODEL-CUTTING WIDTH	220-48	223-52 & 223-61	227-52 & 227-61 & 227-72
ENGINE			
Type/Horsepower/Cylinders	Kohler Command/20 hp/V-Twin	Kohler Command Pro/23 hp/V-Twin	Kohler Command Pro/27 hp/V-Twin
Displacement	38.1 cu. in. (624 cc)	41.1 cu. in. (674 cc)	44.2 cu. in. (725 cc)
Crankshaft/Lubrication System	Horizontal/Pressure Lube/Filter	Horizontal/Pressure Lube/Filter	Horizontal/Pressure Lube/Filter
Fuel	10 U.S. Gal. (38 l)	10 U.S. Gal. (38 l)	10 U.S. Gal. (38 l)
Fuel Capacity		Heavy-duty, cyclonic, remoted mounted dual air cleaner with replaceable element.	
Air Cleaner		Ultra quiet, single, industrial type	
Muffler			
DURAMAX® DECKS			
Construction (Robotic-welded steel)	Double-layered, 10-gauge plus 7-gauge hardened, formed-steel laminate spindle plane - 30% thicker than 1/4 in. (7.97 mm) - with 7-gauge skirts for geometric strength. 1/2-inch (12.7 mm) reinforcement on front edge of deck.		
Blades	-48 (2) 18 in. (45.7 cm) (1) 1.5 in. (38.1 cm)	-52 (3) 18 in. (45.7 cm) -61 (3) 21 in. (53.3 cm)	-52 (3) 18 in. (45.7 cm) -61 (3) 21 in. (53.3 cm) -72 (3) 25 in. (63.5 cm)
Blade Drive	2.5 cm (approx 1 in.) O.D. shaft. Double bearings, greasable from top of deck. Spindle head designed to eliminate fiber wrap. Spindle cones on 52-, 61- and 72-inch decks shield housing and lower bearings from grass wrap and dirt ingestion. Machined aluminum housing on 48- to 61-inch decks. Cast iron on 72-inch deck. Belt drive with single Kevlar V-belt and idler arm tensioning.		
STARTER & ELECTRICAL SYSTEM			
Maintenance-free battery/starter	12 Volt/solenoid shift Breakerless		
Ignition	Prevents engine start when PTO clutch is engaged or steering levers are in drive position.		
Interlock System	Allows operator dismount without engine shutdown only when PTO is disengaged and steering levers are locked in neutral.		
ULTIMATE OPERATOR STATION			
Seat	Iso-mounted, high-back, deep-cushioned, foam-padded, vinyl-covered, padded arms/backrest with coil spring suspension.	Iso-mounted, high-back, deep-cushioned, foam-padded, Cordura-covered, padded arms/backrest with lumbar support and coil-spring suspension. Optional Cordura-covered, sliding, adjustable-tension suspension seat.	
Suspension	InFrame™ suspension		
Console-Mounted Instruments	Hour meter, parking brake indicator light, ignition switch, choke and push/pull PTO switch.		
Work Lights	Optional		
Hour Meter	Standard		
TRANSMISSION & STEERING			
Type	Design-matched G ² hydrostatic system, HydroGear variable displacement piston-type pumps and Parker/Ross wheel motors.	Design-matched G ² hydrostatic system with auxiliary cooling fans, HydroGear variable displacement piston-type pumps and high-torque Parker wheel motors.	
Transmission Fluid	Grasshopper HydraMax™ synthetic fluid withstands high and low temperature extremes for extended change intervals.		
Filtration	7 micron absolute, spin-on		
Speed	0 - 8.5 mph (0 - 13.7 kph) forward 0 - 6.0 mph (0 - 9.7 kph) reverse	0 - 9.5 mph (0 - 15.3 kph) forward 0 - 6.0 mph (0 - 9.7 kph) reverse	0 - 10.0 mph (0 - 16.1 kph) forward 0 - 6.0 mph (0 - 9.7 kph) reverse
Turning Radius	True zero degree, turns within own length with counter-rotating, independently powered drive wheels.		
Steering	One- or two-handed operation with adjustable HydroSmooth™ dual levers that automatically return to neutral from either forward or reverse position.		
Brakes	Dynamic braking through hydrostatic transmission/disc parking brakes, one for each drive wheel.		
TIRE SIZES			
Drive Wheels - Std	-48" & -52" Models 23x9.50x12 turf	23x10.50x12 turf	23x10.50x12 turf
Drive Wheels - Std	-61" & -72" Models N/A	24x12.00x12 turf	24x12.00x12 turf
Drive Wheels - Opt	-61" & -72" Models N/A	24x12.00x12 bar tread	24x12.00x12 bar tread
Front Casters - All Models	13x5.00x6 rib tread, tubeless	13x6.50x6 rib tread, tubeless	13x6.50x6 rib tread, tubeless
DIMENSIONS			
Mulch Width*/Length	-48" Model† 49.5 in.* (125.7 cm)/75.0 in. (190.5 cm)	N/A 53.5 in.* (135.8 cm)/75.0 in. (190.5 cm)	N/A 53.5 in.* (135.8 cm)/75.0 in. (190.5 cm)
	-52" Models† N/A	62.5 in.* (158.8 cm)/76.5 in. (194.3 cm)	62.5 in.* (158.8 cm)/76.5 in. (194.3 cm)
	-61" Models† N/A	N/A	73.5 in.* (186.7 cm)/80.0 in. (203.2 cm)
	-72" Models† N/A	47.0 in. (119.4 cm)/31.5 in. (80.0 cm)	47.0 in. (119.4 cm)/31.5 in. (80.0 cm)
Height (Seat back/Seat cushion)	46.5 in. (118.1 cm)/31.0 in. (78.7 cm)	69.5 in. (176.5 cm)	69.5 in. (176.5 cm)
Height (ROPS)	69.0 in. (175.3 cm)		
WEIGHT			
Uncrated	-48" Model 1030 lbs. (467.2 kg)	N/A 1070 lbs. (485.4 kg)	N/A 1070 lbs. (485.4 kg)
	-52" Models N/A	1120 lbs. (508.0 kg)	1120 lbs. (508.0 kg)
	-61" Models N/A	N/A	1210 lbs. (548.9 kg)
	-72" Models N/A		

* Add 1.5 in. (3.8 cm) to width for side discharge with deflector raised.

† DuraMax® Deck mulching package kit weights/order numbers: 48-inch - 25 lbs. (11.3 kg)/504566; 52-inch - 29 lbs. (13.2 kg)/504567; 61-inch - 36 lbs. (16.3 kg)/504569; 72-inch - 44 lbs. (20.0 kg)/504571

All specifications and information contained herein are subject to change without notice. Access-Eze, ComfortReach, ComfortZone, DownDischarge, CoolFan, DuraDrive, EdgeEze, exoSkeletal, FoldUp, FrontMount, HydraSmooth, InFrame, PowerVac, QuikAdjust, QuikConverter, Sentry, True ZeroTurn, Ultimate Operator Station and View-Eze are trademarks and Grasshopper, the Grasshopper logo, DuraMax, PowerFold, Quik-D-Tatch and Your Next Mower are registered trademarks of the Grasshopper Company. All other products are trademarks or registered trademarks of their respective holders.



www.grasshoppermower.com

The Grasshopper Company • One Grasshopper Trail
P.O. Box 637 • Moundridge, KS 67107 U.S.A.
Telephone: 620-345-8621 • FAX: 620-345-2301

Requisition # 00181651 Date Entered 09-08-2010 Account Year 0 Item Total 18,225.00
 Enter Req's Only Approve Approve By Year Requisition Status Needs Approval by PCT1 Acct Total 18,225.00

Order Header | Items | Accounts | Inquire | Approval

MORIDGE MANUFACTURING INC.
 D/B/A THE GRASSHOPPER CO.
 P.O. BOX 810
 MOUNDRIDGE KS 67107

Type:
 Order: HIDALGO CO. PCT 1
 Ship: HIDALGO CO. PCT 1
 Special Inst Internal: RIDING MOWER FOR PARKS DEPT.
 Po Special Inst: P197
 Owner: JFLORES

Line No	Qty Ordered	Description	Unit Price	Final Cost
1	1	MODEL 729T / 3461 29HP LIQUID COOLED, 61" DURAMAX CUTTING	12,281.25	12,281.25
2	1	DETHATCHER - 60"	528.75	528.75
3	1	60" AERA-VATOR	4,020.00	4,020.00
4	1	MODEL 15 COLLECTION SYSTEM	1,395.00	1,395.00

Account Number	Description	Account Balance	Amount
0-1100-452-00-121-013-0-748	PCT1 PARKS-OTHER EQUIPMENT	3,103.06	18,225.00

Moridge Manufacturing,
PO Box 810,
Moundridge, KS 67107



Quote

Customer

Name **Hildago County**
 Address 28312 FM8
 City Edcouch State TX ZIP 78538
 Fax: **Attention: Jorge Flores**
 Phone: 956-262-6585 Email: jorge.flores@co.hildalgo.tx.us

Misc

Date 9/8/2010
 Contract No. 292-08
 Contract Name Buy Board
 Rep:

Qty	Order #	Description	List Price	Bid Price	TOTAL
1	532151-998 533529, 533544 503219, 503220	Model 729T/3461 29 hp, liquid-cooled, gasoline, 3-cylinder 962 cc displacement, ROPS, 61" DuraMax™ Cutting Deck, PF Hydraulic Lift	\$16,375.00	\$ 12,281.25	\$ 12,281.25
1	533465	Dethatcher - 60"	\$705.00	\$ 528.75	\$ 528.75
1	533452	60" AERA-vator	\$5,360.00	\$ 4,020.00	\$ 4,020.00
1	503216, 503581, 503173	Model 15 Collection System	\$1,860.00	\$ 1,395.00	\$ 1,395.00

SubTotal	\$ 18,225.00
Set up/Delivery	Included
	\$ -
Trade Allowance	\$0.00
TOTAL	\$ 18,225.00

Dealer

Dealer Name H & H Outdoor
 Address _____
 Harlingen, TX
 Phone: _____
 Contact: _____

Make PO out to Moridge Mfg., Inc.

PO# _____
 Signature: _____

All Quotes are good for 30 days, and all equipment comes with a 2 year limited warranty
 For Additional Information
 Please Contact: Brent Dobson Fax: 316-462-0593
 Phone: 620-345-8621 Email: bdobson@grasshoppermower.com

700 Series Liquid-Cooled FrontMount™



Power and versatility that expands your capabilities. (And your profits.)

Model 721DT

- 21 hp, 3-cylinder, Kubota diesel engine
- T-Drive™ hydrostatic transmission with tandem 12cc Parker-Hannifin pumps-in-reservoir, in-line CoolFan™ for cooling efficiency and long service intervals, design-matched Parker high-torque wheel motors
- 52- or 61-inch interchangeable DuraMax® decks



Model 725DT

- 25 hp, 3-cylinder, Kubota MaxTorque™ diesel engine
- T6 hydrostatic transmission with tandem 16cc Parker-Hannifin pumps-in-reservoir, in-line CoolFan™ for cooling efficiency and long service intervals, design-matched Parker high-torque wheel motors
- 52-, 61- or 72-inch interchangeable DuraMax® decks



Model 729T

- 29 hp, 3-cylinder, Kubota gasoline engine
- T6 hydrostatic transmission with tandem 16cc Parker-Hannifin pumps-in-reservoir, in-line CoolFan™ for cooling efficiency and long service intervals, design-matched Parker high-torque wheel motors
- 52-, 61- or 72-inch interchangeable DuraMax® decks



Designed for speed and durability, liquid-cooled 700 Series models offer powerful performance to master a wide range of grounds maintenance jobs to give you more opportunities for profit. DuraMax® decks up to 72 inches deliver a manicured cut and let you cover more ground in less time, while a complete line of efficient snow removal and turf renovation implements work year-round.

- Forward mowing speeds up to 10 mph – or up to 6.55 acres per hour – make quick work of any mowing application.
- T-Drive™ and AntiVibe Power Platform™ direct more power to the cutting deck and eliminate vibration for smooth operation and less maintenance.
- CoolTemp Cordura® ComfortZone™ seat with lumbar support keeps operator comfortably in control for more productive mowing.
- Each DuraMax® deck easily converts from side discharge to optional mulching or vacuum collection.

Standard Features for 700 Series

- Powerful, liquid-cooled, OHV engines with horizontal crankshaft and pressure lube (for smooth, reliable operation)
- Heavy-duty, remote-mounted air cleaner with replaceable element
- T-Drive™ systems with AntiVibe Power Platform™
- CoolTemp Cordura® ComfortZone™ seat with lumbar support
- ComfortReach™ “no tools” lever adjustment
- Work lights
- 8-gallon fuel tank for additional mowing capacity for 725DT and 729T
- Adjustable cup holder for 725DT and 729T
- Bar tread, low-pressure tires
- Wide-stance, single-fork tail wheels
- ROPS with adjustable seat belt
- Hour meter
- QuikConverter™ Implement capability

Options for 700 Series

- DuraMax® decks
- PowerFold® for 52- and 61-inch DuraMax® decks
- Height adjustment switch on amrest for PowerFold®
- Quik-D-Tatch® PowerVac™ Collection Systems
- DownDischarge™ mulching packages
- 8-gallon fuel tank (for additional mowing capacity on 721DT)
- Halogen work lights
- Electric height adjustment for 72-inch DuraMax® deck
- Extended steering levers
- Big Boy wide-seat conversion kit
- Sliding, adjustable-tension suspension seat
- Full-flotation deck feature
- TrimMaster™, heavy-duty, anti-scalp rollers for 52-inch and larger decks
- Adjustable cup holder for 721DT
- Hydraulic deck lift
- Turf tread tires
- Dual-fork and wide-stance, dual-fork tail wheels
- Foldable ROPS with adjustable seat belt
- QuikConverter™ Implements
- Yellow beacon light
- Block heater

Be more productive with the addition of a PowerVac™ Collection System or other implements. Ask for specifications or log on to grasshoppermower.com. Models may be shown with optional equipment.

Liquid-Cooled 700 Series FrontMount™ Specifications

MODEL	721DT	725DT	729T
ENGINE			
Type/Horsepower/Cylinders	Kubota/21.0 hp/3-cyl.	Kubota MaxTorque™/25 hp/3-cyl.	Kubota/29 hp/3-cyl.
Displacement	44 cu. in. (722 cc)	54.9 cu. in. (900 cc)	58.7 cu. in. (962 cc)
Crankshaft/Lubrication System		Horizontal/Pressure Lube, Filter	
Fuel		Diesel - No. 2	Gasoline - unleaded
Fuel Capacity	4.3 U.S. Gal. (16.3 l)	8.0 U.S. Gal. (30.3 l)	8.0 U.S. Gal. (30.3 l)
Optional Fuel Capacity	8.0 U.S. Gal. (30.3 l)	N/A	N/A
Air Filter		Heavy-duty, cyclonic, remote mounted dual air cleaner with replaceable element.	
Muffler		Ultra-quiet, single, industrial type	
DECK COMPATIBILITY			
52-inch	•	•	•
61-inch	•	•	•
72-inch	N/A	•	•
STARTER & ELECTRICAL SYSTEM			
Maintenance-Free Battery/Starter		12 Volt/solenoid shift	
Ignition		Breakerless, diesel quick heat glow plug	Breakerless
Interlock Switch		Prevents engine start when PTO clutch is engaged or steering levers are in drive position.	
		Allows operator dismount without engine shutdown only when PTO is disengaged and steering levers are locked in neutral.	
ULTIMATE OPERATOR STATION™			
Seat	Iso-mounted, high-back, deep-cushioned, foam-padded, Cordura-covered, padded arms/backrest with lumbar support and coil-spring suspension (and embroidered logo on Models 725DT and 729T). Optional Cordura-covered, sliding adjustable-tension suspension seat.		
Console-Mounted Instruments	Oil, alternator, temperature & parking brake warning lights, hour meter, engine temperature & volt gauges, work light & ignition switches, glow plug & push/pull PTO switch.		Oil, alternator, temp. & parking brake warning lights, hour meter, engine temp. & volt gauges, work light & ignition switches, choke & push/pull PTO switch.
Work Lights		Standard	
TRANSMISSION & STEERING			
Type	T-Drive™ hydrostatic system with tandem 12cc Parker Hannifin pumps-in-reservoir, in-line cooling fan and design-matched, high-torque Parker wheel motors.	T6 hydrostatic system with tandem 16cc Parker Hannifin pumps-in-reservoir, in-line cooling fan and design-matched, high-torque Parker wheel motors.	
Transmission Fluid	Grasshopper HydroMax™ synthetic fluid withstands high and low temperature extremes for extended change intervals.		
Filtration	Integrated, replaceable, high-efficiency, fine-particle filter		
Speed	0 - 9.0 mph (0 - 14.5 kph) forward 0 - 6.0 mph (0 - 9.7 kph) reverse	0 - 10.0 mph (0 - 16.1 kph) forward 0 - 6.0 mph (0 - 9.7 kph) reverse	0 - 10.0 mph (0 - 16.1 kph) forward 0 - 6.0 mph (0 - 9.7 kph) reverse
Turning Radius	True zero degree, turns within own length with counter-rotating, independently powered drive wheels. Seat is pivot point.		
Steering	One- or two-handed operation with adjustable HydraSmooth™ dual levers that automatically return to neutral from either forward or reverse position.		
Brakes	Dynamic braking through hydrostatic transmission/disc parking brakes, one for each drive wheel.		
Attachment Drive	Telescoping PTO shaft with two high-speed U-joints, Quik-D-Tatch® coupler and heavy-duty electric Mag Stop™ blade clutch/brake.		
POWER UNIT TIRE SIZE			
Drive Wheels (4-ply rated)	22x11.00x10 bar tread, high flotation	22x11.00x10 bar tread, high flotation	22x11.00x10 bar tread, high flotation
Drive Wheel Options (4-ply rated)	22x10.00x10, tubeless, turf tread	22x10.00x10, tubeless, turf tread	22x10.00x10, tubeless, turf tread
Single Tail Wheel	13x6.50x6 rib tread, tubeless (2)	13x6.50x6 rib tread, tubeless (2)	13x6.50x6 rib tread, tubeless (2)
POWER UNIT DIMENSIONS			
Width	50.0 in. (127.0 cm)	50 in. (127.0 cm)	50 in. (127.0 cm)
Length	67.0 in. (170.2 cm)	67.0 in. (170.2 cm)	67.0 in. (170.2 cm)
Height (ROPS)	68.5 in. (174.0 cm)	69.0 in. (175.3 cm)	69.0 in. (175.3 cm)
Height (Seat back/Seat cushion)	46.0 in. (116.8 cm)/30.5 in. (77.5 cm)	46.0 in. (116.8 cm)/30.5 in. (77.5 cm)	46.0 in. (116.8 cm)/30.5 in. (77.5 cm)
Wheelbase	51.5 in. (130.8 cm)	51.5 in. (130.8 cm)	49.5 in. (125.7 cm)
WEIGHT			
Uncrated	965 lbs. (437.7 kg)	1000 lbs. (453.6 kg)	1000 lbs. (453.6 kg)

DuraMax® Decks for 700 Series Liquid-Cooled FrontMount™ Models

	721DT	725DT	729T
WIDTH OF CUT	52 in. (132.1 cm)	61 in. (154.9 cm)	72 in. (182.9 cm)
COMPATIBILITY	All 700 Series Models	All 700 Series Models	725DT and 729T
DECK MODEL	3452	3461	9772
WIDTH w/DEFLECTOR	65.5 in. (166.5 cm)	74.5 in. (189.2 cm)	85.5 in. (227.3 cm)
WIDTH (MULCHING)	53.5 in. (135.9 cm)	62.5 in. (158.8 cm)	73.5 in. (186.7 cm)
CUTTING HEIGHT	1.0 to 5.0 in. (2.5 cm to 12.7 cm)		
POWERFOLD® OPTION	YES	YES	N/A
CONSTRUCTION (Robotic-welded steel)	Tubular 2.25 in. x 4 in. boxed members with 0.25 in. gussets. Formed double thickness hardened steel (0.269 in. > heavier than 3 gauge) truss spindle plane and (3) Sentry™ spindles with 8-inch spindle flanges, with 6-bolt pattern and a triple-strength upper deck, over 1/2 inch thick in stress zones for superior strength. Geometrically engineered design with 7 gauge skirts withstands the brunt of commercial mowing.		
BLADES*	(3) 18 in. (45.7 cm)	(3) 21 in. (63.5 cm)	(3) 25 in. (63.5 cm)
SPINDLE ASSEMBLIES	2.5 cm (approx. 1 in.) O.D. shaft. Double bearings greasable from top of deck. Spindle head designed to eliminate fiber wrap. Deck spindle cones shield housing and lower bearings from grass wrap and dirt ingestion.		
BLADE DRIVE	Machined aluminum alloy housing.		
TRIMABILITY** (Outside of turf tire to left trim side)	4.0 in. (10.2 cm)**	9.25 in. (24.5 cm)**	13.5 in. (34.3 cm)**
POWER UNIT/DECK LENGTH			
Deck (mowing position)	105.5 in. (268.0 cm)	107.5 in. (273.0 cm)	117.0 in. (297.2 cm)
Deck (folded up)	88.5 in. (224.8 cm)	91.0 in. (231.1 cm)	N/A
TIRE SIZE (4-ply rated)	9 x 3.50 x 4 (flat-proof)		
WEIGHT UNCRATED			
Side Discharge	374 lbs. (169.6 kg)	422 lbs. (191.4 kg)	606 lbs. (274.9 kg)
Mulching Package***/Order #	29 lbs. (13.2 kg)/504567	36 lbs. (16.3 kg)/504569	44 lbs. (20.0 kg)/504571

* High-lift blades standard.

** Subtract 2.25 in. (5.72 cm) when using bar tread tires.

***Includes hi-lo blades.

All specifications and information contained herein are subject to change without notice. Access-Eze, AntiVibe Power Platform, ComfortReach, ComfortZone, CoolFan, DownDischarge, DuraDrive, Edge-Eze, exoSkeletal, FoldUp, FrontMount, HydraSmooth, InFrame, PowerVac, QuikAdjust, QuikConverter, Sentry, T-Drive, True ZeroTurn, Ultimate Operator Station and View-Eze are trademarks and Grasshopper, the Grasshopper logo, DuraMax, PowerFold, Quik-D-Tatch and Your Next Mower are registered trademarks of the Grasshopper Company. All other products are trademarks or registered trademarks of their respective holders.



grasshoppermower.com

The Grasshopper Company • One Grasshopper Trail
P.O. Box 637 • Moundridge, KS 67107 U.S.A.
Telephone: 620-345-8621 • FAX: 620-345-2301

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Implements: Grasshopper Year-Round Productivity Solutions

Consider these possibilities:

[PowerVac™ Collection Systems](#)

[AERA-vator™](#)

[Dozer Blades](#)

[Edge-EZE™ Edger](#)

[Rotary Brooms](#)

[Shielded Sprayer](#)

[Snowthrower](#)

[Turbine Blower](#)

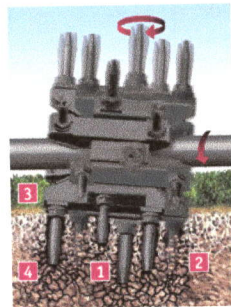
[V-plow](#)

[Implements Home](#)

PTO-driven AERA-vator™

The PTO-driven AERA-vator™ aerates and loosens compacted soil in $\frac{1}{4}$ the time using $\frac{1}{4}$ the labor of walk-behind units, eliminating unsightly cores and increasing water filtration in the root zone by up to four times.

Vibrating tines deep-fracture hard, dry soil combinations to create a more resilient surface on playing fields and improve permeability and drainage.



1. Tines fracture soil to **relieve compaction** between holes both sideways and downward.
2. Additional pore space under surface provides **enhanced root growth**. Variable depth control ensures **aeration at all levels of root zone**.
3. Effective aeration with **minimal surface disruption**, leaves no cores to clean up and **turf is ready for use immediately**.
4. No slicing or cutting action to **preserve delicate turf grass roots and stimulate future growth**.

The AERA-vator™ is perfect for school football fields and lawns. A school told me they had the best grass after I aerated one year, and they asked me to return the next year to do it again.

*Don Nelson
Nelson Lawn Service
Hildreth, NE*



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