



# Workman® GTX Series

The Workman GTX is a grounds and turf crossover vehicle that boasts an unequalled combination of comfort, utility and control, making it simply superior to the competition. Its increased power, improved steering and exclusive suspension and braking systems make the Workman GTX the most versatile, practical and comfortable utility vehicle in its class.



# Workman® GTX Series Specifications\*

	WORKMAN GTX (GAS) MODEL 07042, 07152	WORKMAN GTX (GAS) EFI MODELS 07059, 07060, 07042EX	WORKMAN GTX (ELECTRIC), MODEL 07043, 07153, 07043EX		
<b>POWER SYSTEM</b>	429 cc, air-cooled, single-cylinder Kohler® gasoline engine. Meets current EPA & CARB exhaust and evaporative emissions regulations.	429cc, air-cooled, single cylinder Kohler® EFI gasoline engine. Meets current EPA & CARB exhaust and evaporative emissions regulations.	48V brushless AC induction drive.		
<b>STEERING</b>	Manual rack and pinion steering system with ergonomically positioned column. Steering wheel has 2.75 turns lock-to-lock with 13.75" (35 cm) diameter.				
<b>TURNING RADIUS</b>	<b>Standard model:</b> turning clearance circle: 20.7' (6.3 m), inside turning radius: 60.25" (153 cm). <b>Extended model:</b> turning clearance circle: 31' (9.45 m), inside turning radius: 100" (254 cm).				
<b>BRAKES</b>	Front and rear wheel hydraulic disc brakes.				
<b>SUSPENSION</b>	FRONT - Modified MacPherson Strut. REAR - Articulating Swing Arm. Adjustable Coil Over Shocks at all four wheels.				
<b>SUSPENSION TRAVEL</b>	Front Suspension Travel: 3.5" Rear Suspension Travel: 4".				
<b>FUEL CAPACITY</b>	5 gallons (18.9 liters)	5 gallons (18.9 liters)	N/A		
<b>GROUND SPEED</b>	16 mph (25.6 km/h) governed. Speed reduction kits available.		16 mph (25.6 km/h), adjustable.		
<b>TRANSAXLE</b>	11.47:1 Forward, 14.35:1 Reverse	11.47:1 Forward, 14.35:1 Reverse	17:1 double-reduction high torque.		
<b>GROUND CLEARANCE</b>	Front: 8.5" (21.6 cm), Rear: 6.1" (15.5 cm)				
<b>TIRES</b>	20 x 8-10, 4-ply. Or alternate 4-ply/6-ply.				
<b>BATTERIES</b>	One 12-volt starter battery	Eight Trojan® T-125 Advanced Deep Cycle 6V batteries featuring a single port fill system and water level indicators.			
<b>CONTROLLER</b>	N/A	540 amps max with regenerative motor braking, roll-away protection, thermal cutback, sealed/waterproof, status light and three power modes.			
<b>CHARGER</b>	N/A	On-board high efficiency 1kW smart charger with 85-265VAC global input, temperature controlled, sealed & waterproof, remote indicator viewable at charge port.			
<b>ELECTRIC MOTOR</b>	N/A	Brushless high-torque AC Induction motor with 5.0kW continuous power.			
<b>INSTRUMENTS/DASH</b>	Hour meter, fuel gage, USB power port, headlight switch, on/off ignition key switch, gear selector and parking brake lever. Two cup holders, radio holder and three in-dash storage compartments.		Hour meter, battery level indicator, USB power port, headlight switch, on/off ignition key switch, gear selector and parking brake lever. Two cup holders, radio holder and three in-dash storage compartments.		
<b>STARTING</b>	Pedal or key start capability standard.		Pedal start.		
<b>DIMENSIONS</b>	<b>Vehicle Configuration</b>	<b>Width</b>	<b>Length</b>	<b>Height:</b>	<b>Wheel Base</b>
	2-Seat with Bed	47" (1.2 m)	119" (3 m)	50.2" (1.3 m)	77.8" (1.97 m)
	4-Seat with Bed	47" (1.2 m)	144" (3.6 m)	50.2" (1.3 m)	114" (2.9 m)
	2-Seat with 6' Flat Bed	47" (1.2 m)	156" (3.9 m)	50.2" (1.3 m)	114" (2.9 m)
<b>CAB DIMENSIONS INSTALLED</b>	<b>Height</b>	<b>Width</b>			
	79" (201 cm)	56" (142 cm)			
<b>CANOPY DIMENSIONS INSTALLED</b>	<b>Height</b>	<b>Width</b>			
	75.2" (191 cm)	54.3" (138 cm)			
<b>WEIGHT</b>	<b>Vehicle Configuration</b>	<b>Weight</b>		<b>Vehicle Configuration</b>	<b>Weight</b>
	2-Seat with Bed	875 lbs. (397 kg)		2-Seat with Bed	1395 lbs. (633 kg)
	4-Seat with Bed	1150 lbs. (522 kg)		4-Seat with Bed	1670 lbs. (757 kg)
	2-Seat with 6' Flat Bed	1264 lbs. (573 kg)		2-Seat with 6' Flat Bed	1784 lbs. (809 kg)
<b>CARGO BED</b>	<b>Width</b>	<b>Length</b>	<b>Height</b>	<b>Capacity:</b>	
	38.5" (97.8 cm)	40" (101.6 cm)	11" (27.9 cm)	800 lbs (363 kg)	
<b>VEHICLE CAPACITY</b>	2-seat with bed 1,200 lbs. (544 kg)				
<b>TOWING CAPACITY</b>	1,500 lbs. (680 kg) Class 1 – 1.25" receiver standard.				
<b>OPTIONAL ACCESSORIES</b>	Canopy, solid folding windshield, 4-seat configuration, flat bed, 6-foot flat bed, bed sides, storage box, hose reel mounting bracket, walk spreader carrier, trash can mount, bed racking, electric bed lift, brush guard, 12V outlet, Brake/tail/signal lights, ROPS certified hard cab, horn kit, back up alarm kit, parking brake alarm kit, L-track attachment system, all-terrain tire kit, 2-post ROPS kit, beverage cart, range cage, glass windshield, medical-bed and rear-facing seat.				
<b>WARRANTY</b>	Two-year or 1500 hour limited warranty. Three-year engine warranty. Refer to the Operator's manual for further details.				

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# Workman® MDX/MDX-D

Gasoline & diesel utility vehicles featuring the Toro® SRQ™ suspension system for superior ride quality that delivers extraordinary stability, traction and operator comfort. SRQ combines with hefty payload and towing capacities to provide enhanced productivity to tackle the toughest jobs.





# Workman® MDX/MDX-D Specifications\*

	WORKMAN MDX MODEL 07235 / 07235TC	WORKMAN MDX-D MODEL 07236 / 07236TC
<b>ENGINE</b>	480 cc, air-cooled, two-cylinder, Briggs & Stratton® Vanguard®. Meets 2011 EPA & CARB exhaust & evaporative emissions regulations.	600 cc, liquid-cooled, 2-cylinder, Kubota® diesel. Biodiesel ready for use up to B-20 (20% biodiesel and 80% petroleum blend).
<b>SRQ™ SYSTEM</b>	Active In-Frame™ twister pivot joint, front and rear suspension.	
<b>FRONT SUSPENSION</b>	Modified MacPherson strut, adjustable coil over shock absorbers.	
<b>REAR SUSPENSION</b>	Trailing arm with adjustable coil over shock absorbers.	
<b>GROUND SPEED</b>	16 mph (25.6 km/h) governed. Optional 20 mph (32 km/h) requires ROPS and seat belts.	
<b>BRAKES</b>	Front wheel hydraulic disc. Rear wheel hydraulic drum.	
<b>STEERING</b>	Manual rack and pinion steering system with ergonomically positioned column. Steering wheel has 2.75 turns lock-to-lock with 13.75" (35 cm) diameter.	
<b>FRAME</b>	Welded steel channel and tube in body construction. Frame surfaces are dipped e-coat. Body and bed constructed of dent and corrosion-resistant polyethylene.	
<b>GROUND CLEARANCE</b>	Front: 10" (25.4 cm), Rear: 7" (18 cm)	
<b>TIRES</b>	Front: 22 x 9.5-10, 4-ply, Rear: 24 x 12-10, 4-ply. Optional all-terrain tires	
<b>FUEL CAPACITY</b>	6.5 gallons (24.6 liters)	
<b>DIMENSIONS</b>	<b>Width</b> 61.2" (155.4 cm)	<b>Length</b> 121.1" (307.5 cm)
<b>CAB DIMENSIONS INSTALLED</b>	<b>Height</b> 79.2" (201.1 cm)	<b>Wheel Base</b> 80.4" (204.2 cm)
<b>CANOPY DIMENSIONS INSTALLED</b>	<b>Width</b> 64" (162.5 cm)	
<b>TURNING CLEARANCE CIRCLE</b>	<b>Height</b> 79.5" (201.9 cm)	
<b>INSTRUMENTATION</b>	Inside rear tire: 87" (221), outside front tire: 257" (653 cm).	
<b>STARTING</b>	Hour meter, low oil pressure warning light, accessory power port. Dash has 2 cup holders, radio holder and glove box storage.	Hour meter, oil pressure, glow plug, coolant temperature, battery charge indicator lights and accessory power port. Dash has 2 cup holders, radio holder and glove box storage.
<b>CARGO BED SIZE INTERNAL</b>	Pedal start (optional key start)	
<b>TOTAL VEHICLE CAPACITY</b>	Key start	
<b>CARGO BED PAYLOAD CAPACITY</b>	Length: 44.5" (113 cm), Width: 49" (125 cm), Height: 10.25" (26 cm), LLDPE resin.	
<b>TRAILER TOWING CAPACITY</b>	1,650 lbs. (750 kg)	
<b>OPTIONAL ACCESSORIES</b>	1,250 lbs. (567 kg)	
<b>WARRANTY</b>	400 lbs. (182 kg) trailer, 50 lbs. (23 kg) tongue weight with standard hitch. 1,200 lbs. (544 kg) trailer, 100 lbs. (45 kg) tongue weight with heavy-duty tow hitch.	
	Canopy, Solid Folding Windshield, Electric Bed Lift, Brush Guard, ROPS, Brake/Tail/Signal Light Kit, Receiver Hitch, BOSS® Plow, Beverage Cart.	
	Two-year or 1500 hour limited warranty. Refer to the Operator's Manual for further details.	

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# Workman® HD Series

The Workman® HD Series is designed with your toughest work challenges in mind, from the front bumper to the rear bumper and everything in between. Design components like an I-beam-shaped DeDion rear axle, a truss-like front space frame, integrated wheel bearings and 4-wheel hydraulic disc brakes provide the highest total towing capacity in the industry and make the Workman ready for the toughest challenges.





# Workman® HD Series Specifications\*

	WORKMAN HDX, NO BED, MODEL 07383 WORKMAN HDX, W/BED, MODEL 07384 WORKMAN HDX W/BED, MODEL 07384TC WORKMAN HDX - 4WD, MODEL 07386 WORKMAN HDX - 4WD, MODEL 07386TC	WORKMAN HDX - D MODEL 07385 WORKMAN HDX - D MODEL 07385TC WORKMAN HDX - D - 4WD, MODEL 07387 WORKMAN HDX - D - 4WD, MODEL 07387TC	WORKMAN HD, MODEL 07369
<b>ENGINE</b>	Kubota® 972 EFI, 32.5 hp (24.2 kW), 4-cycle, liquid-cooled, 962 cc, 3-cylinder overheated camshaft, counterbalanced gasoline engine. Governed maximum of 32.5 hp at 3600 rpm. Rear engine location direct coupled to a transaxle. 12-volt electric starter. Fuel Injected is a closed loop system with oxygen sensor to adjust air/fuel ratio and manifold pressure sensor to adjust for altitude. Full pressure lubrication with spin-on oil filter. Meets all EPA & CARB emission standards	Kubota 902D, 3-cylinder, inline vertical, 4-cycle, liquid cooled, counterbalanced diesel engine, 23.3 hp (17.4 kw); governed to a maximum speed of 3600 rpm. 58.0 cu. in. (950 cc) displacement. Rear engine location. Direct couple to transaxle. 12-volt electric starter. Full pressure lubrication with spin-on oil filter. Meets EPA Tier IV compliance. Biodiesel ready for use up to B-20 (20% biodiesel and 80% petrol blend).	Kohler Model CH23, 2-cylinder, 4-cycle, air-cooled engine. 23 hp (17.2 kW) at 3600 rpm governed to a maximum speed of 3600 rpm by an internal governor. 41.1 cu. in. (674 cc) displacement. Electronic ignition. Rear engine location direct coupled to a transaxle. 12-volt electric starter. Full pressure lubrication with spin-on oil filter. Meets all EPA & CARB emission standards.
<b>CLUTCH</b>	7.5" (19 cm) clutch and pressure plate		
<b>INSTRUMENTATION</b>	Fuel and coolant temperature gauges. Hour meter. Oil pressure, check engine and battery charge indicator lights. Tachometer and speedometer.	Fuel and coolant temperature gauges. Hour meter. Oil pressure, glow plug and battery charge indicator lights. Tachometer and speedometer.	Fuel gauge, hour meter, oil pressure warning light and battery charge indicator light. Tachometer / speedometer optional.
<b>ALTERNATOR</b>	60 amp with electronic regulator		25 amp with electronic regulator
<b>TIRES</b>	Front: 20" x 9" - 12, 6-ply rating, turf tread Rear: 24" x 12" - 12, 6-ply rating, turf tread		
<b>COOLING SYSTEM</b>	Aluminum radiator with 10 fins per inch dual pass. Right side mounted with removable screen for debris cleaning. Thermal controlled DC electric fan.		Fan forced air.
<b>AIR CLEANER</b>	Remote mounted, heavy-duty 2-stage air cleaner with evacuator valve.		Large capacity, dual element.
<b>CLEARANCE CIRCLE 2WD</b>	Inside = 32 in (81 cm); Outside = 194 in (493 cm)		
<b>CLEARANCE CIRCLE 4WD</b>	Inside = 100 in (254 cm); Outside = 300 in (762 cm)		N/A
<b>FUEL CAPACITY</b>	6 gallons (22.7 liters)		
<b>FUEL PUMP</b>	12V internally regulated 42 psi in-tank	Electronic pump	Diaphragm pump
<b>FUEL FILTER</b>	In tank filter sock. 10 micron polyester depth.	Combination fuel filter / water separator with a 30 micron filtration and 50 mesh suction screen in tank.	In-line 40 micron filter and 50 mesh suction screen in tank.
<b>HORN</b>	Standard, button on dash on 07384TC & 07386TC. Optional on 07383, 07384 & 07386.	Standard, button on dash on 07385TC & 07387TC. Optional on 07385 & 07387.	Optional
<b>SOUND LEVEL</b>	75 db(A)**	85 db(A)**	80 db(A)**
<b>VEHICLE SHIPPING WEIGHT</b>	Model 07383: 1623 lbs (738 kg) Model 07384: 1951 lbs (887 kg) Model 07384TC: 2725 lbs (1238 kg) Model 07386: 2010 lbs (914 kg) Model 07386TC: 2784 lbs (1265 kg)	Model 07385: 1956 lbs (889 kg) Model 07385TC: 2730 lbs (1240 kg) Model 07387: 2015 lbs (916 kg) Model 07387TC: 2789 lbs (1268 kg)	Model 07369: 1848 lbs (840 kg)
<b>VEHICLE ACTUAL WEIGHT W/O FUEL</b>	Model 07383: 1623 lbs (738 kg) Model 07384: 1951 lbs (887 kg) Model 07384TC: 2032 lbs (924 kg) Model 07386: 2010 lbs (914 kg) Model 07386TC: 2091 lbs (950 kg)	Model 07385: 1956 lbs (889 kg) Model 07385TC: 2037 lbs (926 kg) Model 07387: 2015 lbs (916 kg) Model 07387TC: 2096 lbs (953 kg)	Model 07369: 1848 lbs (840 kg)
<b>TOTAL CAPACITY</b>	Model 07384:3249(1477 kg) Model 07384TC:3168(1440 kg) Model 07386:3190 (1450 kg) Model 07386TC:3109 (1413 kg)	Model 07385:3244 lbs. (1475 kg) Model 07385TC:3163 lbs. (1438 kg) Model 07387: 3185 lbs. (1448 kg) Model 07387TC: 3104 lbs. (1411 kg)	Model 07369: 3352 lbs. (1524 kg)
<b>CARGO BED CAPACITY W/200 LB. OPERATOR AND 200 LB. PASSENGER</b>	Model 07384: 2849 lbs (1295 kg) Model 07384TC: 2768 lbs (1258 kg) Model 07386: 2790 lbs (1268 kg) Model 07386TC: 2709 lbs (1231 kg)	Model 07385: 2844 lbs.(1293 kg) Model 07385TC: 2763 lbs. (1256 kg) Model 07387: 2785 lbs. (1266 kg) Model 07387TC: 2704 lbs. (1229 kg)	Model 07369: 2952 lbs. (1342 kg)

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\*\*At operator's ear; 3600 rpm with bed and sides installed.



SPECIFICATIONS COMMON TO WORKMAN HD SERIES VEHICLES	
<b>FRONT SUSPENSION</b>	Independent system with dual "A" frame control arms, dual coil springs and dual shock absorbers with anti-sway bar. Provides 5 3/4" travel.
<b>REAR SUSPENSION</b>	DeDion rear axle (weight carrying axle) suspension independent of transaxle with dual leaf springs and dual shock absorbers. Provides 3" travel.
<b>BATTERY</b>	12-volt, group 26, with 540 cold cranking amps at 0 degrees F (-18 degrees C).
<b>TRANSMISSION</b>	Rear transaxle directly connected to engine, twin axle drive. 3-speed synchromesh (forward speeds only), h-shift pattern with high-low range providing 6 forward speeds and 2 in reverse. Transmission housing doubles as hydraulic reservoir with outlet screen and external filter.
<b>3RD GEAR HIGH LOCKOUT</b>	Interlock key switch that prevents engine from running in 3rd gear, high range HDX-D. Limits engine RPM to 2,200 in 3rd gear high range (HDX gas).
<b>DIFFERENTIAL LOCK</b>	Manual engage rear differential lock.
<b>4WD SYSTEM</b>	Fully automatic on-demand, bi-directional system. Uses dual bi-directional clutches. In event of rear tire slippage, clutches transmit power proportionally to front wheel with highest traction.
<b>FRAME</b>	Steel space frame front frame and C-channel rear frame.
<b>STEERING</b>	Hydraulic power steering with steering valve coupled to hydraulic cylinder with thru shaft. Maximum steering angle is 70 degrees on 2WD and 50 degrees on 4WD.
<b>2-POST ROPS</b>	2-post rollover protective structure and protective back panel bolted to ROPS.
<b>BRAKES</b>	4-wheel hydraulic disk brake system. 9 1/2" disk with hydraulic service brakes using twin piston floating calipers. Parking brake uses mechanical cable actuated caliper on rear wheels.
<b>HYDRAULICS</b>	4 gpm (15 lpm) gear pump provides hydraulic flow for power steering and lift in series. Lift control valve with quick disconnects for dual lift cylinders or for attachments when quick disconnects are switched. 8 quart total capacity.
<b>LIGHTS</b>	Twin halogen headlights and dual taillights actuated by switch on dash. Dual brake lights actuated by brake pedal.
<b>SEAT BELTS / SEATS</b>	Lap seat belts standard. Bucket seats with adjustable slides to allow for various seat positions. Hip restraint tubes welded to seat mounting straps.
<b>CONTROLS</b>	Throttle, brake and clutch pedals. Gear shifter, differential lock, parking brake, high-low range shifter and hydraulic lift levers.
<b>INTERLOCK</b>	To start engine, clutch pedal must be depressed and remote hydraulic lever must be in neutral position. If installed, high flow hydraulics and rear PTO must be disengaged / switched off.
<b>SAFETY SUPPORT</b>	7-gauge steel channel stores behind seat and fits over extended lift cylinder to prevent accidental lowering of bed.
<b>GROUND CLEARANCE</b>	7" (18 cm) with no load.
<b>REAR TOW HITCH</b>	Steel hitch bracket bolted to rear DeDion axle. Mounting plate provides mounting hole for pin or ball hitch and incorporates two safety chain mounting holes. Maximum tongue weight of 600 lbs (272 kg). Maximum trailer weight of 3500 lbs (1587 kg). Trailers over 1500 lbs. require trailer brakes. (Electric Brake Kit available through parts, 117-4837).
<b>GROUND SPEED</b>	<b>Standard Tires, Gear 1/2/3</b>
	Forward Speeds:      High Range      7.6/11.5/19.8 mph (12.2/18.5/31.9 km/h)
	Low Range      2.9/4.5/7.7 mph (4.7/7.2/12.5 km/h)
	Reverse Speeds:      High Range      7.1 mph (11.6 km/h)
Low Range      2.8 mph (4.5 km/h)	
<b>DIMENSIONS</b>	<b>Overall Length</b> <b>Overall Width</b> <b>Overall Height (Top of ROPS)</b> <b>Cab</b>
	127.6" (324 cm) w/o bed              64.7" (164.3 cm)                      75.8" (192.5 cm)                      Height: 81" (206 cm)
	130" (330 cm) w/full bed                                                                                     Width: 65" (165 cm)
<b>CERTIFICATIONS</b>	Certified to meet SAE J2258. Certified to meet ISO/DIS 21299 for ROPS. Engine meets all applicable emission standards per the manufacturer. Certified to meet the CE Machinery Directive.
<b>WARRANTY</b>	Two-year limited warranty. See Operator's Manual for further details.

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WORKMAN VEHICLE ACCESSORIES	
<b>HIGH FLOW HYDRAULICS KIT</b>	Provides 8 gpm (30.3 liter) at 2000 psi hydraulic flow in a separate circuit to power certain attachments and accessories (standard on TC models). <b>Note: Model 07369 cannot run High Flow Hydraulics Kit.</b>
<b>200 GALLON SPRAYER</b>	200 gallon (757 liter) low profile tank sprayer with diaphragm pump and detachable control box. Three-section, 18.5 ft (5.6 m) open boom system.
<b>VICON SPREADER</b>	Pendulum action spreader with polyester hopper. 14.1 cu. ft. (.396 cu. m), 750 lbs (340.5 kg) capacity. Spread width is 3 - 46 ft. (1 - 14 m).
<b>TOPDRESSER 1800</b>	18 cu. ft. (.504 cu. m), 1450 lbs (541 kg) capacity conveyor belt style topdresser hydraulically driven by remote hydraulics. 60 in (152 cm) spread width. Workman bed lift cylinders raise topdresser. Spring load metering gate.
<b>TOPDRESSER 2500</b>	25 cu. ft. (.7 cu. m) capacity conveyor belt style topdresser towed by Workman vehicle. Textured belt, oscillating axles and all wheel drive. Electrically activated hydraulic brakes.
<b>PROPASS™ 200 TOPDRESSER</b>	21 cu. ft. / 0.54 cu. m struck (25 cu. ft. / 0.71 cu. m heaped) capacity spin style topdresser. Tow-behind or bed mount versions.
<b>PRO FORCE® DEBRIS BLOWER</b>	Tow-behind, self-contained engine-driven debris blower operated with a hand-held wireless RF controller. Bed mount kit available.
<b>HARD CAB</b>	Deluxe hard cab, ROPS and CE certified. Vented front glass windshield, interior dome light and a 2-speed windshield wiper. Optional heater and mirrors available.
<b>CAB SLIDING WINDOW DOOR KIT</b>	Door kit for deluxe hard cab. Operator door has a sliding window for ventilation and ability to access exterior elements such as an identification badge security entry. Passenger door has solid window.
<b>CAB REAR VIEW MIRROR KIT</b>	Externally mounted to the cab frame, operator and passenger side rear view mirrors for enhancing all around visibility.
<b>CANOPY</b>	Durable, high-density polyethylene canopy with drainage outlets for moisture runoff.
<b>FOLDING WINDSHIELD</b>	Clear high-impact modified acrylic material with fold down capability.
<b>BRAKE &amp; SIGNAL KIT</b>	Consists of turn signal lights for both corners in the front and rear of vehicle and brighter beam headlights.
<b>WORK LIGHT KIT</b>	Consists of (2) front facing and (1) rear facing work lights all mounted on top of ROPS bar.
<b>ROPS SIGNAL LIGHT KIT</b>	Consists of (2) double amber warning lights and (2) single red tail lights all for mounting on top of ROPS bar. Requires either a "Right Side" or "Left Side" light kit.
<b>AUTOMATIC TAILGATE RELEASE</b>	Provides automatic tailgate release when dumping from cargo bed and resets automatically upon lowering of bed. Works on full or 2/3 bed with full sides. Does not work with folding side kit.
<b>REAR PTO KIT</b>	Rear mounted, 540 RPM, PTO shaft mechanically driven by transaxle.
<b>HAND THROTTLE</b>	Throttle and speed limit control that provides constant RPM for stationary attachments or a controlled maximum speed for applications such as spraying or spreading (mechanical – HDX/HD & electric – HDX gas models).
<b>SPARK ARRESTOR</b>	Fits onto end of tailpipe.
<b>PLASTIC BED LINER</b>	A rugged, weatherproof one-piece plastic liner and separate tailgate liner that will protect either a full are bed with sides or a 2/3 bed with sides.
<b>HIGH AIR INTAKE KIT</b>	Kit for extending the air intake system from underneath the cargo bed to a position slightly above the ROPS shield behind the passenger position of the vehicle. Recommended for dusty work applications.
<b>REAR VIEW MIRROR KIT</b>	A single 8 1/2" (21.6 cm) convex mirror with mounting capability on either the operator or passenger side of the vehicle.
<b>2" RECEIVER HITCH KIT</b>	Provides a 2" square receiver to enable a "drawbar" hitch.
<b>TRAILER BRAKE WIRING KIT</b>	Kit provides a controller which plugs into Workman vehicle and a positive wire to assist the hook up of customer supplied electric trailer brakes.
<b>TRAILER SIGNAL WIRING KIT</b>	Kit provides electrical wire for Workman vehicle to enable easy hook up to customer supplied trailer signal and brake lights.
<b>REMOTE HYDRAULIC MANIFOLD KIT</b>	Hydraulic manifold kit that provides to ability to switch hydraulics between cargo bed actuation and remote port usage via use of a operator panel mounted switch.
<b>REMOTE HYDRAULIC FLOAT KIT</b>	Hydraulic float kit that enables both hydraulic lifting and "float" in the down position. Required when using a Deere TC125 sweeper.
<b>4WD MANUAL CONTROL</b>	Allows auto 4WD to be turned off.
<b>4 POST ROPS CANOPY KIT</b>	Canopy for use with 4-post ROPS kit.
<b>4 POST ROPS KIT</b>	Connects standard 2-post ROPS to 4-post ROPS. Required with 200-gallon sprayer.
<b>HEATER KIT</b>	Heater for use with cab. Adjustable temperature and 2-speed fan (excludes HD).
<b>BACK UP ALARM KIT</b>	Provides an audible alarm when vehicle is in reverse.
<b>BOSS® SNOW ACCESSORIES</b>	5' (1.52 m) BOSS Plow, VBX3000 Box Spreader.

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# Multi Pro® WM – 200-Gallon Sprayer Specifications\*

SPRAYER SPECIFICATIONS	
<b>SOLUTION TANK</b>	High-density, impact-resistant polyethylene with large 16" (41 cm) fill well, tapered bottom and sump with drain.
<b>RATED CAPACITY</b>	200 gallons (757 liters).
<b>SPRAY PUMP</b>	Hardi 364/10.0, 6-diaphragm positive displacement pump w/1" (2.5 cm) input shaft; input speed 0-540 rpm; Flow rate 45 gpm (170.3 lpm) @ 40 psi (540 rpm).
<b>AGITATOR</b>	4, side-mounted jet agitation nozzles for full tank agitation.
<b>CONTROLS</b>	Spray pump control switch, agitator jet switch, rate switch, individual boom On/Off switches, boom actuator switches, indicator lights on pump, agitation and boom switches, throttle lock.

OPEN BOOMS (STANDARD)	
<b>BOOM ASSEMBLY</b>	18.5' (5.6 m) three section, triangular truss style open booms. Optional 20.5' (6.25 m) booms available.
<b>BOOM ACTUATORS</b>	Heavy Duty hydraulic lift actuators with nitro-steel plated shafts; 1-3/4" Bore x 10.06" Stroke.
<b>SPRAY NOZZLES</b>	Eleven nozzles turrets, triple turret mount, quick-disconnect with diaphragm check valves.



MULTI PRO WM ACCESSORIES	
<b>CLEANLOAD™ EDUCTOR KIT</b>	This on-board mixing station allows rapid and safe loading of any chemical without the need to first mix into a slurry. Incorporates a built-in bottle wash nozzle and has an optional suction lance to pull in powdered or liquid products from their container. Stores within the width of the machine.
<b>FRESH WATER RINSE KIT</b>	Simplifies and automates the triple-rinse process, saving hours and hours of clean up time.
<b>ELECTRIC HOSE REEL KIT</b>	150' (45.7 m) of hose for hand or walk spraying applications. Convenient electric powered rewind. Spray gun has an adjustable nozzle from stream to fan.
<b>PRO FOAM™ MARKING KIT</b>	Foam dollops ensure accurate parallel path tracking. Select foam independently or both simultaneously.
<b>ULTRA SONIC BOOM™ KIT</b>	New sonar sensors automatically maintain proper spray height over undulating turf.
<b>COVERED BOOM KIT</b>	Extends 12" (30.5 cm) below the boom to minimize chemical drift in breezy conditions while retaining full boom system functionality.
<b>AIR INDUCTION TURBO TWIN JET NOZZLES</b>	Exclusive to Toro in the 0.8 gpm (3.02 lpm), 1.0 gpm (3.79 lpm) and 1.5 gpm (5.68 lpm) sizes, for exceptional contact coverage.
<b>CONTACT &amp; SYSTEMIC NOZZLES</b>	Select the right nozzle for your application by using the new <b>Toro Nozzle Selector</b> - available via <a href="http://Toro.com">Toro.com</a>

**WARNING**  
 THE WORKMAN™ IS AN OFF-HIGHWAY VEHICLE, AND IS NOT DESIGNED, EQUIPPED, OR MANUFACTURED FOR USE ON PUBLIC STREETS, ROADS OR HIGHWAYS.

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WORKMAN HDX AUTO, MODEL 07390 / 07390TC	
<b>ENGINE</b>	28 hp (20.9 kW) Kohler® LH775 Twin-cylinder, liquid-cooled electronic fuel injection
<b>DISPLACEMENT</b>	747cc
<b>FUEL</b>	Gasoline
<b>COOLING</b>	Liquid
<b>TRANSMISSION</b>	Variable speed transmission with forward high-low range and reverse featuring Toro SpeedContr <sup>1</sup> ™
<b>MAXIMUM SPEED</b>	Forward low range 11 mph (17.7 km/h), Forward high range 20 mph (32.2 km/h), Reverse 13 mph (20.9 km/h)
<b>4WD MODEL</b>	Fully automatic on-demand system. Uses dual clutches. In event of rear tire slippage, clutches transmit power proportionally to front wheel with highest traction.
<b>BASE MACHINE WEIGHT (INCLUDES BED)</b>	HDX Auto 2WD: 1,905 lbs (866 kg) HDX Auto 4WD: 1,935 lbs (880 kg)
<b>TOTAL PAYLOAD CAPACITY (INCLUDING TWO, 200 LB. PASSENGERS)</b>	HDX Auto 2WD: 3,295 lbs (1498 kg) HDX Auto 4WD: 3,265 lbs (1484 kg)
<b>CARGO BED CAPACITY (ASSUMES TWO, 200 LB. PASSENGERS)</b>	HDX Auto 2WD: 2,895 lbs (1316 kg) HDX Auto 4WD: 2,865 lbs (1303 kg)
<b>LENGTH</b>	127.6" (324 cm) without bed; 130" (330 cm) with bed
<b>WIDTH</b>	64.7" (164.3 cm)
<b>HEIGHT</b>	75.8" (192.5 cm) to top of ROPS
<b>CLEARANCE CIRCLE</b>	2WD Inside = 32" (81 cm); Outside = 194" (493 cm) 4WD Inside = 100" (254 cm); Outside = 300" (726 cm)
<b>GROUND CLEARANCE</b>	7" (18 cm) with no load
<b>DIFFERENTIAL LOCK</b>	Electronic switch to engage rear differential lock
<b>FRONT SUSPENSION</b>	Independent suspension with dual A-frame control arms, dual coil springs and dual shock absorbers with anti-sway bar. Provides 5.75" (14.6 cm) travel.
<b>REAR SUSPENSION</b>	DeDion rear axle (weight carrying axle) suspension independent of transaxle with dual leaf springs and dual shock absorbers. Provides 3" (7.6 cm) travel.
<b>BRAKES</b>	4-wheel hydraulic disc brake system
<b>CERTIFICATIONS</b>	Certified to meet SAE J2258. Certified to meet ISO/DIS 21299 for ROPS. Engine meets all applicable emission standards per the manufacturer. Certified to meet the CE Machinery Directive.
<b>WARRANTY</b>	Two-year limited warranty. See Operator's Manual for further details.
<b>TOW HITCH</b>	600 lbs (272 kg) tongue weight 3,500 lbs (1587 kg) trailer weight Trailers over 1,500 lbs (680 kg) require trailer brakes

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WORKMAN VEHICLE ACCESSORIES	
<b>HIGH FLOW HYDRAULICS KIT</b>	Provides 8 gpm (30.3 liter) at 2000 psi hydraulic flow in a separate circuit to power certain attachments and accessories (standard on TC models). <b>Note: Model 07369 cannot run High Flow Hydraulics Kit.</b>
<b>200 GALLON SPRAYER</b>	200 gallon (757 liter) low profile tank sprayer with diaphragm pump and detachable control box. Three-section, 18.5 ft (5.6 m) open boom system.
<b>VICON SPREADER</b>	Pendulum action spreader with polyester hopper. 14.1 cu. ft. (.396 cu. m), 750 lbs (340.5 kg) capacity. Spread width is 3 - 46 ft. (1 - 14 m).
<b>TOPDRESSER 1800</b>	18 cu. ft. (.504 cu. m), 1450 lbs (541 kg) capacity conveyor belt style topdresser hydraulically driven by remote hydraulics. 60 in (152 cm) spread width. Workman bed lift cylinders raise topdresser. Spring load metering gate.
<b>TOPDRESSER 2500</b>	25 cu. ft. (.7 cu. m) capacity conveyor belt style topdresser towed by Workman vehicle. Textured belt, oscillating axles and all wheel drive. Electrically activated hydraulic brakes.
<b>PROPASS™ 200 TOPDRESSER</b>	21 cu. ft. / 0.54 cu. m struck (25 cu. ft. / 0.71 cu. m heaped) capacity spin style topdresser. Tow-behind or bed mount versions.
<b>PRO FORCE® DEBRIS BLOWER</b>	Tow-behind, self-contained engine-driven debris blower operated with a hand-held wireless RF controller. Bed mount kit available.
<b>HARD CAB</b>	Deluxe hard cab, ROPS and CE certified. Vented front glass windshield, interior dome light and a 2-speed windshield wiper. Optional heater and mirrors available.
<b>CAB SLIDING WINDOW DOOR KIT</b>	Door kit for deluxe hard cab. Operator door has a sliding window for ventilation and ability to access exterior elements such as an identification badge security entry. Passenger door has solid window.
<b>CAB REAR VIEW MIRROR KIT</b>	Externally mounted to the cab frame, operator and passenger side rear view mirrors for enhancing all around visibility.
<b>CANOPY</b>	Durable, high-density polyethylene canopy with drainage outlets for moisture runoff.
<b>FOLDING WINDSHIELD</b>	Clear high-impact modified acrylic material with fold down capability.
<b>BRAKE &amp; SIGNAL KIT</b>	Consists of turn signal lights for both corners in the front and rear of vehicle and brighter beam headlights.
<b>WORK LIGHT KIT</b>	Consists of (2) front facing and (1) rear facing work lights all mounted on top of ROPS bar.
<b>ROPS SIGNAL LIGHT KIT</b>	Consists of (2) double amber warning lights and (2) single red tail lights all for mounting on top of ROPS bar. Requires either a "Right Side" or "Left Side" light kit.
<b>AUTOMATIC TAILGATE RELEASE</b>	Provides automatic tailgate release when dumping from cargo bed and resets automatically upon lowering of bed. Works on full or 2/3 bed with full sides. Does not work with folding side kit.
<b>REAR PTO KIT</b>	Rear mounted, 540 RPM, PTO shaft mechanically driven by transaxle.
<b>HAND THROTTLE</b>	Throttle and speed limit control that provides constant RPM for stationary attachments or a controlled maximum speed for applications such as spraying or spreading (mechanical – HDX/HD & electric – HDX gas models).
<b>SPARK ARRESTOR</b>	Fits onto end of tailpipe.
<b>PLASTIC BED LINER</b>	A rugged, weatherproof one-piece plastic liner and separate tailgate liner that will protect either a full are bed with sides or a 2/3 bed with sides.
<b>HIGH AIR INTAKE KIT</b>	Kit for extending the air intake system from underneath the cargo bed to a position slightly above the ROPS shield behind the passenger position of the vehicle. Recommended for dusty work applications.
<b>REAR VIEW MIRROR KIT</b>	A single 8 1/2" (21.6 cm) convex mirror with mounting capability on either the operator or passenger side of the vehicle.
<b>2" RECEIVER HITCH KIT</b>	Provides a 2" square receiver to enable a "drawbar" hitch.
<b>TRAILER BRAKE WIRING KIT</b>	Kit provides a controller which plugs into Workman vehicle and a positive wire to assist the hook up of customer supplied electric trailer brakes.
<b>TRAILER SIGNAL WIRING KIT</b>	Kit provides electrical wire for Workman vehicle to enable easy hook up to customer supplied trailer signal and brake lights.
<b>REMOTE HYDRAULIC MANIFOLD KIT</b>	Hydraulic manifold kit that provides to ability to switch hydraulics between cargo bed actuation and remote port usage via use of a operator panel mounted switch.
<b>REMOTE HYDRAULIC FLOAT KIT</b>	Hydraulic float kit that enables both hydraulic lifting and "float" in the down position. Required when using a Deere TC125 sweeper.
<b>4WD MANUAL CONTROL</b>	Allows auto 4WD to be turned off.
<b>4 POST ROPS CANOPY KIT</b>	Canopy for use with 4-post ROPS kit.
<b>4 POST ROPS KIT</b>	Connects standard 2-post ROPS to 4-post ROPS. Required with 200-gallon sprayer.
<b>HEATER KIT</b>	Heater for use with cab. Adjustable temperature and 2-speed fan (excludes HD).
<b>BACK UP ALARM KIT</b>	Provides an audible alarm when vehicle is in reverse.
<b>BOSS® SNOW ACCESSORIES</b>	5' (1.52 m) BOSS Plow, VBX3000 Box Spreader.

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**TORO**

## Outcross™ 9060

The Outcross 9060 is an invaluable tool in the long-standing battle Turf Managers face to “do more with less.” This machine is a time-saving, easy-to-use, multi-purpose, turf-friendly workhorse that brings year-round flexibility, consistency and productivity to turf maintenance operations. Get ready to do more. The Outcross is the first machine of its kind to be purposebuilt for the management of fine turf. Its balanced design, four-wheel steer, and four-wheel drive make it extremely gentle on turf. Keep busy year-round by utilizing Outcross’s 3-point hitch, drawbar, or front loader. Mow grass, spread fertilizer, load sand, haul a pallet of sod, aerate, topdress, remove snow and ice, blow leaves, prune roots, spread seed, tow a trailer, sweep a path, chip wood, and much, much more. Intuitive automotive-style controls and one-time parameter setup keeps operations simple and efficient.



# Outcross® 9060 Specifications\*

	OUTCROSS 9060 W/ CANOPY	OUTCROSS 9060 W/ CAB	OUTCROSS 9060 W/ LOADER ARMS	OUTCROSS 9060 W/ LOADER ARMS & CAB
<b>ENGINE</b>	Yanmar® 4-cylinder, direct injection, turbo-charged, liquid-cooled diesel. Power: 59 hp (44 kW) gross, @ 3000 rpm. Displacement: 127.6 cu. in. (2.1 L) EPA Tier IV Final Compliant.			
<b>CAPACITIES</b>	<b>Fuel:</b> 14 gallons (53 L) <b>Engine oil with filter:</b> 6.1 quarts (5.8 L)			
<b>ELECTRICAL SYSTEM</b>	12-volt system. Battery: 690 CCA. Alternator: 80 amp.			
<b>TRACTION DRIVE</b>	2-speed hydrostatic			
<b>PTO</b>	Rear independent mechanical up to 540 rpm. Power: 51 hp (38 kW)			
<b>INSTRUMENTATION</b>	<b>InfoCenter™.</b> Onboard LCD displays for attachment parameter setup and to show gauges, alerts/faults, service reminders, electrical system diagnostics. Indicates fuel level, coolant temp, intake temperature, low oil pressure, alternator, engine hours, engine rpm, hydraulic oil temperature, voltage.			
<b>GROUND SPEED/ CLEARANCE</b>	<b>Forward:</b> 21 mph (33.8 km/h) <b>Reverse:</b> 20 mph (32.2 km/h) <b>Ground Clearance:</b> 7" (18 cm)			
<b>HYDRAULICS</b>	Open center			
<b>AUX / REMOTE</b>	12 gpm @ 3000 psi. Standard: 1 hydraulic remote. Optional: second hydraulic remote.			
<b>LENGTH</b>	Front Bumper to 3-point Linkage: 161" (409 cm)		Mounting Plate to Counter Weight End: 202.5" (514 cm)	
<b>WIDTH</b>	<b>With Bed</b> – 77" (195 cm)			
<b>HEIGHT</b>	95" (241 cm)	98" (249 cm)	95" (241 cm)	98" (249 cm)
<b>WEIGHT</b>	5,160 lbs. (2,340 kg)	5,820 lbs (2,640 kg)	5,910 lbs (2,680 kg)**	6,570 lbs (2,980 kg)**
<b>INSIDE TURNING RADIUS</b>	57" (145 cm)			
<b>OUTSIDE TURNING RADIUS</b>	150" (381 cm)			
<b>WHEELBASE</b>	83" (211 cm)			
<b>TIRES</b>	<b>Standard:</b> Front: 29.5 x 12.5 (6-ply) Rear: 32 x 16 (6-ply) <b>Standard with Loader Arms:</b> Front: 29.5 x 12.5 (12-ply) Rear: 32 x 16 (6-ply) <b>Aggressive:</b> Front: 29.5 x 12.5 (12-ply) Rear: 32.5 x 12.5 (10-ply)			
<b>TRACK WIDTH</b>	57.5" (146 cm)			
<b>3-POINT HITCH</b>	Category 2 lift capacity 24" (61 cm) behind lift point: 2,500 lbs. (1,134 kg)			
<b>WARRANTY / CERTIFICATION</b>	Two-year limited warranty. Refer to operators manual for further details. Certified to SAE J2194			
<b>BED DIMENSIONS – (SEE DIAGRAM PAGE 3)</b>				
	Standard Bed		Cargo Bed	
<b>CAPACITY</b>	1,000 lbs. (453.6 kg)		4,500 lbs. (2,041 kg)	
<b>LENGTH</b>	27" (68.6 cm)		52" (132 cm)	
<b>WIDTH, HEIGHT &amp; LOAD HEIGHT (INSIDE)</b>	<b>Width:</b> 73" (185 cm)		<b>Height:</b> 16" (40.6 cm) <b>Load Height:</b> 35" (88.9 cm)	
<b>VOLUME</b>	0.77 cubic yards (0.59 cubic meters)		1.3 cubic yards (0.99 cubic meters)	
<b>FRONT LOADER</b>				
<b>LIFT CAPACITY &amp; LIFT HEIGHT (PIVOT PIN)</b>	<b>Lift capacity:</b> 2,200 lbs. (998 kg) <b>Lift height:</b> 107" (272 cm)			
<b>REACH AT MAX LIFT HEIGHT</b>	33" (84 cm)			
<b>MAXIMUM DUMP ANGLE</b>	70.5 degrees			
<b>REACH OF ATTACHMENT ON GROUND</b>	98.6" (250 cm)			
<b>MAXIMUM ROLLBACK ANGLE</b>	34.8 degrees			
<b>DIGGING DEPTH</b>	7.5" (19 cm) – when bucket is level			
<b>OVERALL HEIGHT</b>	53.5" (136 cm) – in carry position			
<b>SQUARE BUCKET WIDTH / STRUCK CAPACITY</b>	73" (185 cm) / 0.45 cubic yards (0.34 cubic meters)			

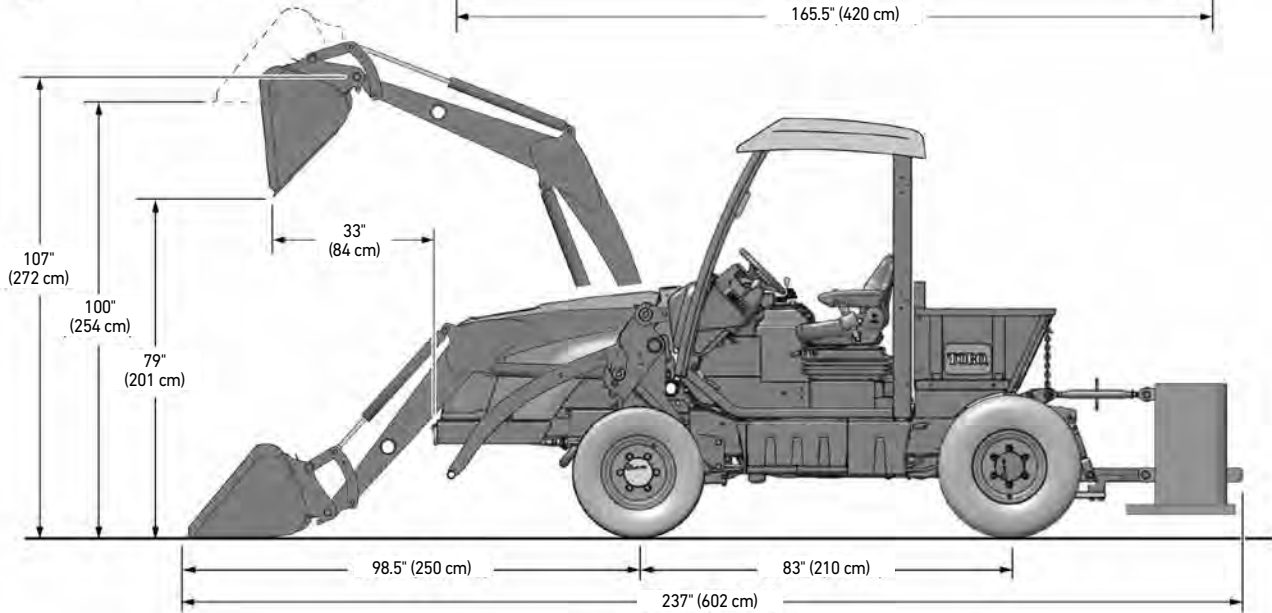
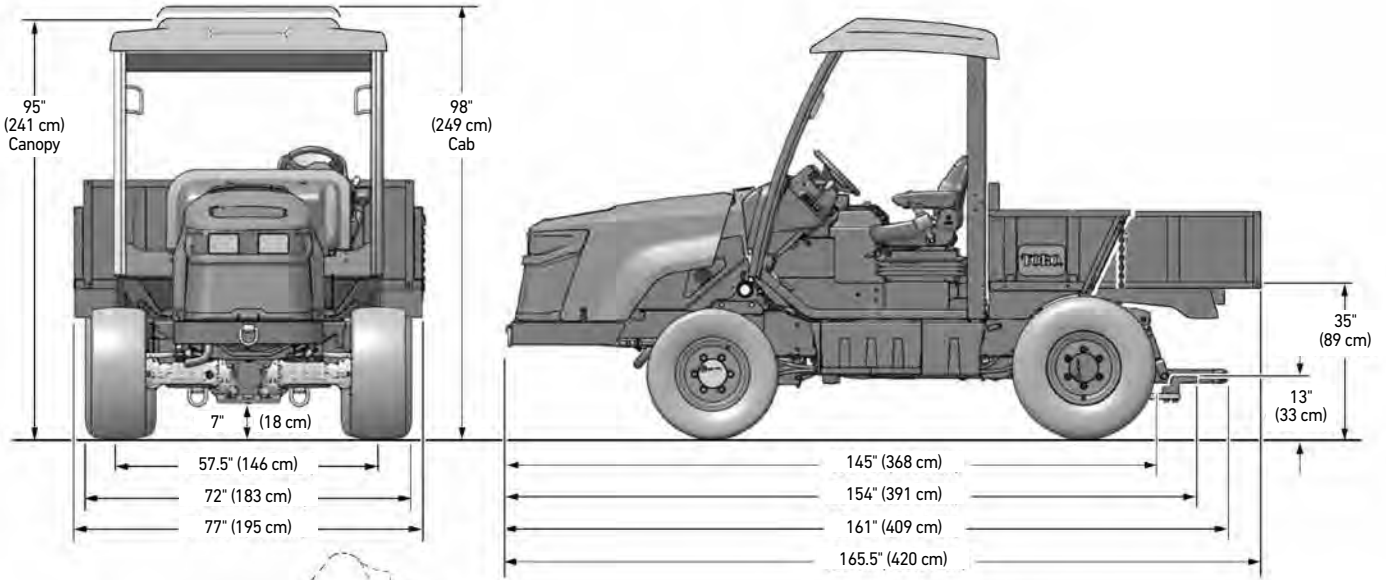
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\*\*Without loader attachment and recommended 1,800 lbs. (816.5 kg) rear counter weight

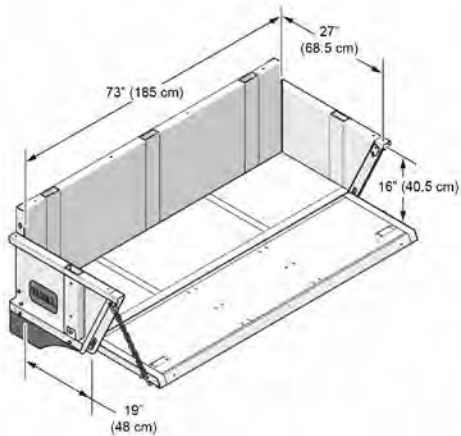




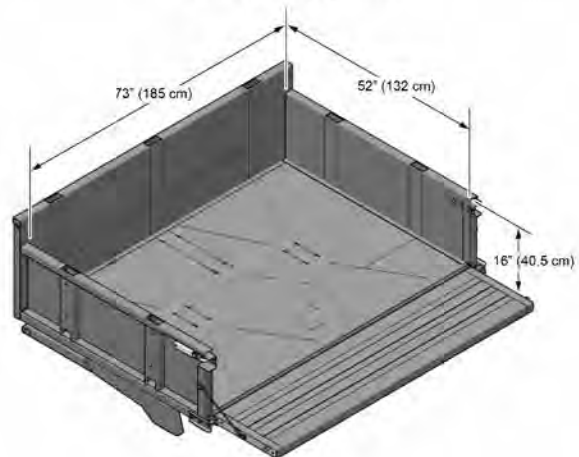
# Outcross® 9060 Dimensions\*



STANDARD BED



CARGO BED (Optional)



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**TORO**

## **Sand Pro® 2040Z**

The Sand Pro 2040Z mechanical rake is unlike anything else in the marketplace; a zero-turn mechanical groomer delivering unmatched maneuverability and productivity. This unique machine is a daily bunker rake that will reduce a golf course's labor costs for both mechanical and hand raking of bunkers. Its flex tooth rake with the "lift in turn" feature enables an operator to turn tightly in bunkers without leaving unraked teardrops or tire marks. As an infield groomer, the SP2040Z with its new nail drag/flex groomer rear attachment is the perfect solution for daily infield grooming. The nimble SP2040Z will save you valuable time in your workday, improving infield surface playability and consistency.



SAND PRO 2040Z, MODEL 08706																					
<b>ENGINE</b>	Kawasaki 2 cylinder, air cooled, gasoline engine; Gross HP 13.6 HP (10.1 kW), Governed HP 12.2 HP (9.1 kW) @ 2400 rpm; Max torque 27.3 ft-lbs (37.0 Nm) @1800 rpm; Displacement 36.7 cu-in. (603 cc); Oil capacity w/filter 1.7 qts. w/filter (1.5 w/o filter); Oil Filter External, spin-on																				
<b>AIR CLEANER SYSTEM</b>	Heavy duty single stage cyclonic air filter with replacement element																				
<b>FUEL CAPACITY</b>	4.5 gals (17 liters) of unleaded gas (maximum 10% ethanol)																				
<b>TRACTION DRIVE</b>	Belt driven independent infinitely variable unitized transmission, with automatic tensioning system.																				
<b>HYDRAULIC OIL</b>	Factory fill Mobil fluid 424 tractor transmission fluid; Left hand transmission section: 3.1 qt. (3.25 liters); Right hand transmission section: 3.55 qt. (3.75 liters)																				
<b>GROUND SPEED</b>	Forward 0-12 mph (0-19.3 km/h), Reverse 0-4 mph (0-6.4 km/h). See Speed Limiter Kits below for additional information.																				
<b>TIRES/WHEELS</b>	Drive Wheels 25x12- 9, 3 ply rating pneumatic tubeless demountable with a Turf Tamer (knobby) tread. Front Wheel 16x7.5-8 4 ply rating pneumatic tubeless demountable with turf traction tread. Recommended tire pressure: 7 psi all tires																				
<b>MAIN FRAME</b>	Rectangular structured steel tube and high strength steel plate welded construction.																				
<b>BRAKES</b>	Twin levers with dynamic braking through hydrostatic transmission. Hand actuated parking brake lever that controls two integral wet disc brakes contained within transmission.																				
<b>STEERING</b>	Power steering, controlled through two independent control sticks with integrated dampeners. Min. turning radius: 0 in (0 cm)																				
<b>CONTROLS/GAUGES</b>	Ignition: Off/Run/Start; Throttle: Low - High Idle; Choke: Open /Closes choke plate; Parking Brake: Off - On LCD logic cluster includes hour meter and safety interlocks for operator presence, neutral and parking brake.																				
<b>REAR ATTACHMENT HYDRAULIC LIFT</b>	Raise/Lower switch mounted at end of right handle.																				
<b>SEAT</b>	High back cushion vinyl seat with drain hole, integrated armrest and retractable seat belt; adjustment is 4 inches fore and aft.																				
<b>ROPS</b>	Two post fixed ROPS, certified per ISO/DIS 21299.2 specifications																				
<b>STORAGE</b>	Built-in cup holder, rake holder and personal storage reached from seat.																				
<b>ELECTRICAL FEATURES</b>	12-volt system, 20-amp alternator at 3,600 rpm. Battery Voltage is displayed when key switch is moved from off to run (Low Battery LED will illuminate if key voltage is less than 12.3V in run position)																				
<b>SOUND LEVEL</b>	88 dBA (Operator Ear)																				
<b>DIMENSIONS/WEIGHT</b>	<table border="1"> <thead> <tr> <th></th> <th>with Flex Tooth Rake</th> <th>with Nail Drag</th> <th></th> </tr> </thead> <tbody> <tr> <td><b>Length:</b></td> <td>89.0 in (226 cm)</td> <td>84.8 in (215 cm)</td> <td rowspan="5"><b>Wheelbase:</b> 58.0 in 147 cm <b>Tread width (to centerline of tire):</b> 46.9 in (119 cm)</td> </tr> <tr> <td><b>Width:</b></td> <td>84.0 in (213 cm)</td> <td>71.5 in (182 cm)</td> </tr> <tr> <td><b>Overall Height:</b></td> <td>73.0 in (185 cm)</td> <td>73.0 in (185 cm)</td> </tr> <tr> <td><b>Weight:</b></td> <td>920 lbs (417 kg)</td> <td>970 lbs (439 kg)</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>		with Flex Tooth Rake	with Nail Drag		<b>Length:</b>	89.0 in (226 cm)	84.8 in (215 cm)	<b>Wheelbase:</b> 58.0 in 147 cm <b>Tread width (to centerline of tire):</b> 46.9 in (119 cm)	<b>Width:</b>	84.0 in (213 cm)	71.5 in (182 cm)	<b>Overall Height:</b>	73.0 in (185 cm)	73.0 in (185 cm)	<b>Weight:</b>	920 lbs (417 kg)	970 lbs (439 kg)			
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<b>Overall Height:</b>	73.0 in (185 cm)	73.0 in (185 cm)																			
<b>Weight:</b>	920 lbs (417 kg)	970 lbs (439 kg)																			
<b>GROUND CLEARANCE</b>	5.5 in (14 cm) (at machine centerline 24 in tire)																				
<b>TIE DOWNS</b>	Four loops, one located on each corner of the machine.																				
<b>WARRANTY</b>	2-year limited warranty. Refer to the Operator's Manual for further details.																				
<b>SAFETY CERTIFICATIONS</b>	Certified to meet ANSI specification B71.4 - 2012 standards when equipped with weight kits supplied with attachments. Certified to meet ISO/DIS 21299 for ROPS. Engine meets all applicable emission standards per the manufacturer. Certified to meet C-Tick 2004/108/EC/EMC and the CE Machinery Directive.																				

REAR ATTACHMENTS (NOTE: Unit must always have a rear attachment installed to meet ANSI and CE specifications)	
<b>FLEX TOOTH RAKE (08716) (GOLF APPLICATIONS)</b>	<ul style="list-style-type: none"> <li>• 84" (213 cm) wide tooth rake with three reversible rubber trowels that will not tear bunker liners</li> <li>• Convex Trowel Design is able to continuously groom a 70" (178 cm) radius surface</li> <li>• Lift-in-turn design allows for continuous grooming during a zero radius turn</li> <li>• Rubber trowel design reduces damage to bunker edges and liners</li> </ul>
<b>OPTIONAL ACCESSORIES FOR TOOTH RAKE</b>	Broom Finishing Kit (three section brush), Model 08719
<b>NAIL DRAG (08717) (INFIELD GROOMING APPLICATIONS)</b>	<ul style="list-style-type: none"> <li>• 66" (168 cm) wide with 88 removable nails arranged in diamond pattern</li> <li>• 3 height position for nails increases material flow and extends nail wear</li> <li>• 71.5" (182 cm) rubber groomer</li> <li>• Back blade allows for moderate or small area leveling of infield surface</li> </ul>
<b>OPTIONAL ACCESSORIES FOR NAIL DRAG</b>	Drag mat finishing kit (08718): (78"W X 18"L 1"square steel mat); includes cradles to store mat during transport. Model 08718
OTHER TRACTION UNIT ACCESSORIES	
<b>LIGHT KIT</b>	2 LED lights, one in front one mounts to ROPS and points rearward. 3 Position switch, all lights on, front on or off. Model 08721
<b>SPEED LIMITER KIT</b>	Automatically reduces maximum speed of the traction unit when the rear attachment is lowered. Adjustable to maximum speed of 3 - 7 mph (4.8 - 11.3 km/h). Model 08720.
<b>TRANSPORT SPEED LIMITER KIT</b>	Reduces speed infinitely from top speed to approximately 7 mph (11 k/hr) or top speed of grooming speed. Part 130-7877
<b>SEAT SUSPENSION KIT</b>	Rubber isolators provide cushioning. PN 125-6469
<b>MESH BAG KIT</b>	Storage bag for maintenance tools, trash, debris, etc.; mounts to ROPS. PN 127-0359
<b>TURF TRAC TIRE</b>	Less aggressive tread for rear drive tires. PN 125-6462
<b>BIMINI SUNSHADE</b>	Canvas sunshade that mounts to ROPS. Model 30358
<b>RAKE HOLDER</b>	SP2040Z has a standard rake holder mounted on left hand side, a second optional rake holder can mount to right hand side of SP2040Z. PN 130-7876

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2019 Toro Commercial Equipment Guide 19-003-T Rev. 1/19







# Sand Pro® 3040 & 5040

The Quick Attach System™ (QAS) and 25 attachments make the Sand Pro 3040 and 5040 the most versatile vehicles in bunkers and infields.



	SAND PRO 3040, MODEL 08703	SAND PRO 5040, MODEL 08705
<b>ENGINE</b>	Vanguard®, V-twin cylinder, 4-cycle, OHV, air-cooled, gas engine with cast iron sleeves. 16 hp (11.9 kW) at 3600 rpm. Displacement: 29.3 cu. in. (480 cc). Oil capacity: 1.75 quart (1.8 liter). Electronic ignition. Full pressure lubrication, oil filter. Base mounted engine and pump with 4 isolation mounts.	Vanguard®, V-twin cylinder, 4-cycle, OHV, air-cooled, gas engine with cast iron sleeves. 18 hp (13.4 kW) at 3600 rpm. Displacement: 34.8 cu. in. (570 cc). Oil capacity: 1.75 quart (1.8 liter). Electronic ignition. Full pressure lubrication, oil filter. Base mounted engine and pump with 4 isolation mounts.
<b>AIR CLEANER SYSTEM</b>	Remote mounted 3-phase Donaldson® air cleaner.	
<b>FUEL CAPACITY</b>	5.0 gallon (18.9 liter) of unleaded gasoline.	
<b>TRACTION DRIVE</b>	Direct driven hydrostatic variable displacement piston pump to 3 hydraulic motors for 3WD. Large, front mounted hydraulic cooler and fan. Foot pedal control, forward/reverse. Patented Series/Parallel hydraulic traction system keeps three wheels working together, virtually eliminates spin-outs.	
<b>GROUND SPEED</b>	Infinitely variable 0-10 mph (16 km/h) forward; 4.3 mph (6.9 km/h) reverse.	
<b>HYDRAULIC OIL</b>	5.0 gallon (18.9 liter) system capacity. Polyethylene reservoir to reduce corrosion. 10 (nominal) micron replaceable cartridge.	
<b>TIRES/WHEELS</b>	Three 22 x 11.00-8 pneumatic tubeless tires on demountable, interchangeable wheels. Tire pressure: 8-10 psi (55.2-69 kPa).	
<b>MAIN FRAME</b>	Tricycle vehicle with welded rectangular tubular steel frame construction. Rear engine placement.	
<b>BRAKES</b>	Dynamic braking through the hydrostatic transmission and hand actuated brake lever.	
<b>STEERING</b>	Manual front wheel steering. 15" (38 cm) diameter steering wheel. Double lubed for life gearbox.	Hydraulic power steering. 15" (38 cm) diameter steering wheel.
<b>CONTROLS/GAUGES</b>	Hand operated choke, throttle, and hydraulic control for raising/lowering with float. Foot pedal controls traction forward/reverse speed. Rear hydraulic lift and lower controls. Gauges: hour meter.	Hand operated choke, throttle, and hydraulic control for raising/lowering with float. Foot pedal controls traction forward/reverse speed. Front and rear hydraulic lift and lower controls. Gauges: hour meter.
<b>SEAT</b>	High-back cushion seat w/drain hole. 4" front-back adjustment w/additional 1.75" mounting adjustment. (arm rests optional)	
<b>ELECTRICAL FEATURES</b>	12-volt battery, 15 amp., 300 CCA @ 0° F, 12-volt electric starter. Dash mounted ignition switch with key. Neutral interlock switch, seat switch. Also provisions for light kit.	
<b>POWER</b>	97 dB(A) under normal operating conditions.	
<b>DIMENSIONS</b>	<b>Width:</b> 58" (147 cm), <b>Length:</b> 67.5" (171.5 cm), <b>Height:</b> 45.25" (114.9 cm), <b>Wheelbase:</b> 42.75" (108 cm)	
<b>GROUND CLEARANCE</b>	6.0" (15.2 cm)	
<b>WEIGHT</b>	Net weight (less fluids): 930 lbs. (421.8 kg).	
<b>WARRANTY</b>	Two-year limited warranty. Refer to the Operator's Manual for further details. Briggs & Stratton® provides a two-year commercial engine warranty and a lifetime Magnetron® warranty.	

	FRONT ATTACHMENTS
<b>FRONT LIFT FRAME ASSEMBLY</b>	Front Quick Attach System™ mounting assembly and hydraulic components. Used on Sand Pro 5040 only. Model 08713.
<b>HYDRAULIC FLEX BLADE</b>	Hydraulic QAS flex blade is designed for leveling, packing, and smoothing uneven areas in one pass. Model 08712. Available for SP5040 only (requires Front Lift Frame Assembly – 08712)
<b>MANUAL BLADE</b>	Standard 40" (102 cm) width steel blade. Spring balanced manual blade is used for leveling uneven areas and pushing up bunkers after washouts (cannot be used when 08712 is installed). Model 08714. Blade extension available to increase blade width to 60" (152 cm) for leveling out larger uneven areas. PN 115-5646.

	FRONT & REAR QAS ATTACHMENTS
<b>BUNKER PUMP</b>	Throws water up to 40' (12 m) and can pump 95 gal/min (360 l/min). Adjustable throw direction and angle. Requires Rear Remote Hydraulics (08781) for rear QAS mount. Requires Front Lift Frame Assembly (08712), Rear Remote Hydraulics (08781) and Front Remote Hydraulics for front QAS mount (on SP5040 only) Model 08765.
<b>BUNKER PUMP REMOTE DISCHARGE KIT</b>	An available 50' (15 m) discharge hose allows the QAS Bunker Pump to be removed and dropped into hard to reach areas. PN 115-2084.
<b>LIP BROOM</b>	Eliminates the task of manually maintaining infield lips. Removes ridge buildup by sweeping material back into the infield. Mounts to front QAS (SP5040) and rear QAS (SP3040 & 5040). Requires Front Lift Frame Assembly– 08712 for front attachment (on SP5040 only) <b>Lip Broom available from Rahn Industries at <a href="http://www.rahngroomer.com">www.rahngroomer.com</a> or 1-800-298-1707.</b>
<b>TURF PLOW</b>	The 64" Turf Plow is a great tool for removing aeration cores from greens, clearing snow from walkways, cart paths and even sports fields. It is lightweight and features a rounded lower lip that is gentle on turf. The Turf Plow fits both Sand Pro 3040 and 5040. <b>Turf Plow is available from Nordic Plow at <a href="http://nordicplow.com">nordicplow.com</a></b>

	MID-MOUNT ATTACHMENTS
<b>MID-MOUNT ASSEMBLY</b>	Base mounting assembly for mid-mount toolbars with spring-loaded regulation to allow relief if obstruction is hit. Model 08731.
<b>WEEDER TINE TOOLBAR</b>	Ideal for removing weeds and grass from less maintained bunkers and fields (requires Mid-Mount Assembly – 08731). Model 08732.
<b>LEVELING BLADE</b>	Attaches to any mid-mount toolbar to quickly level out large areas. Foot operated latch allows operator to lower leveling blade independently from the other mid-mount toolbar. PN 108-8496.
<b>SOLID TINE TOOLBAR</b>	Used for general scarifying applications. Rotate teeth to maximize tine life (requires Mid-Mount Assembly – 08731). Model 08734.
<b>CARBIDE TINE TOOLBAR</b>	Use in the harshest conditions and for extended life –15 carbide tines included (requires Mid-Mount Assembly – 08731). Model 08735.
<b>SPRING TINE TOOLBAR</b>	Use for light to moderate scarifying and daily maintenance in bunkers and on premium fields (requires Mid-Mount Assembly – 08731). Model 08733.
<b>EDGER</b>	Maintains the grass edge of the outfield near the infield skin or warning track. Easily renovate ballfields by removing overgrown turf and infield lip build-up. Significantly reduces labor required for infield edging (requires Rear Remote Hydraulics – 08781). Model 08766.

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# Sand Pro® 3040 & 5040 Accessories\*

REAR QAS ATTACHMENTS	
<b>TOOTH RAKE</b>	Designed to lightly scarify, pack, smooth and groom in one pass. Use in dry or wet conditions and can improve the condition of neglected sports fields. Model 08751.
<b>WEIGHT KIT FOR TOOTH RAKE</b>	Additional weight for the Tooth Rake attachment to improve performance in coarse or wet conditions. Set of 5 weights. PN 115-4333.
<b>QAS FLEX TOOTH RAKE</b>	85" (216 cm) daily bunker groomer. Flexible rubber material will not tear liners or turf, allowing for edge grooming. Rubber groomers are reversible for longer life. Model 08757.
<b>TOOTH RAKE BROOM</b>	75" (190 cm) Brush – Attaches behind the Tooth Rake (08751) for a smoother finish. Model 08816.
<b>PIVOTING TROWELS KIT</b>	This kit allows independent outside trowels to pivot and rake across the entire turn which eliminates unraked teardrop – Attaches to Tooth Rake (08751). PN 119-7158.
<b>SPRING RAKE</b>	Leaf rake assembly designed to be used alone or in combination with the tooth rake (08751) to achieve desired appearance. Great for wet conditions and collecting debris in groomed areas (if used independently, requires QAS A-Frame Assembly, 108-9427). Model 08752.
<b>DRAG MAT CARRIER SYSTEM</b>	QAS-mounted carrier frame with hydraulic lifter allows operator to raise and lower drag mats without ever leaving the operator seat. 72" (183 cm) width. Model 08756.
<b>COCO DRAG MAT</b>	Quickly produces a premium finish on dry, level surfaces (requires Drag Mat Carrier System - 08756). Model 08758.
<b>STEEL DRAG MAT</b>	Designed to for more rugged surfaces to quickly groom and finish. Use on wet or dry sand surfaces (requires Drag Mat Carrier System - 08756). Model 08757.
<b>AUTOMAT DRAG MAT</b>	78" x 18" (198 cm x 46 cm). Steel drag mat is controlled by and works together with nail drag for single-pass scarification and finish grooming. Drag mat automatically engages the infield as the nail drag is lowered via Rear QAS. Features lock-out position when use is not required. Model 08763. Requires Nail Drag 08761. Compatible with QAS Flex Groomer 08762.
<b>MANUAL DRAG MAT</b>	78" x 36" (198 cm x 91.5 cm). Steel drag mat delivers exceptional finish grooming. Mat easily rolls up and stores on yolks provided. Model: 130-7852. Requires Nail Drag 08761. Compatible with QAS Flex Groomer 08762.
<b>NAIL DRAG</b>	Pivots to follow the contours of uneven field surface. Use to scarify, loosen, or weed before smoothing. Easily adjust nail pattern and depth. Accepts up to a 400 common nail. Model 08761.
<b>QAS FLEX GROOMER</b>	72" (182 cm) flexible groomer mounts to Nail Drag (08761) for single-pass infield scarification and grooming. Features lock-out position to restrict use without tools or removal. Model 08762. Requires Nail Drag 08761.
<b>SEGMENTED GROOMING BROOM</b>	Designed to minimize top surface disruption, to maximize firmness, and provide a smooth finished look in contoured bunkers. Model 08753.
<b>REPLACEMENT SEGMENTED GROOMING BROOM</b>	Replacement grooming broom with stiffer bristles. PN 110-8182.
<b>WEIGHT KIT FOR SEGMENTED GROOMING BROOM</b>	Additional weight for Segmented Grooming Broom to improve performance in coarse or wet conditions. Set of 4 weights. PN 112-0025.
<b>QAS FINISH GRADER</b>	Use to level and/or scarify large areas. Includes box plow and scarifier with spring load regulation to allow relief if obstruction is hit. Model 08754.
<b>RAHN GROOMER</b>	The Rahn GL650 Infield Groomer levels uneven playing fields, helping to prevent ridge build up while creating a safer, more consistent infield. The triple row broom is perfect for finishing the playing surface and can be stored upright for easy transport. The 2-way leveling system provides both a lock and float position to match infield conditions <b>Rahn Groomer available from Rahn Industries at <a href="http://www.rahngroomer.com">www.rahngroomer.com</a> or 800-298-1707.</b>
<b>QAS SPIKER</b>	Use for spiking greens and other formal turf to increase air flow for healthier turf. Model 08755.
<b>QAS DEBRIS BLOWER</b>	High powered blower designed to quickly clear debris from groomed and unwanted areas. Hydraulically-powered, 2000 rpm fan speed – 2700 cfm @ 81 mph (2700 cfm @ 130 kph). Requires Rear Remote Hydraulics - 08781. Model 08759.
<b>BASIC DRAG MAT SYSTEM</b>	Basic Drag Mat System, Model 112-1424 (requires 108-9427 & 110-1375)

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# Sand Pro® 3040 & 5040 Accessories\*

ACCESSORIES	
<b>QAS A-FRAME ASSEMBLY</b>	Can attach Spring Rake 08752 to be used independently. PN 108-9427.
<b>400-HOUR FILTER MAINTENANCE KIT</b>	Includes 9 engine oil filters, 2 hydraulic oil filters and 2 air filters. Model 30035.
<b>REAR REMOTE HYDRAULICS</b>	Quick-connect design allows rear-powered attachments to be connected in under a minute. Model 08781.
<b>REMOTE HYDRAULIC FLOW SWITCH KIT</b>	Allows operator to toggle between rear and front powered attachments (Sand Pro 5040 only). Model 08783.
<b>VARIABLE ORIFICE KIT</b>	Slows hydraulic lift and lower for increased precision and accuracy when using hydraulically-powered attachments. PN 112-1433.
<b>LIGHT KIT</b>	Front and rear flood lights improve operator visibility during low natural light operation. PN 110-1314.
<b>SPEED CONTROL KIT</b>	Adjustable speed check trains operators to groom at the desired speed while allowing the traction unit to operate in transport speed between tasks without any adjustments or levers. PN 110-1371.
<b>HITCH/TOW BAR</b>	Converts the traction unit to a utility vehicle to transport materials or trailers. Attaches to QAS A-Frame or 108-9427 for quick removal. PN 110-1375.
<b>FRONT WEIGHT KIT</b>	50 lb. (22.7 kg) – allows the Spiker or Rahn® Groomer attachments without the Front Lift Frame Assembly attached to meet ANSI compliance. PN 100-6442.

OPTIONAL TIRES	
<b>SMOOTH TIRE</b>	Includes individual tire, wheel and stem valve assembly. Typically used on greens. PN 112-0034.
<b>TURF TIRE</b>	Turf tread tire. PN 94-6126.

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# Rake-O-Vac®

The Rake-O-Vac's Kohler® 23 hp (17.15 kW) engine insures there is plenty of horsepower to clean debris from the most difficult turf. A spring-loaded flex tip reel provides exceptional sweeping performance especially with those annoying pine needles. The large 4.75 cubic yard (3.63 m<sup>3</sup>) hopper provides plenty of capacity for picking up large areas. Compact and maneuverable, the Toro Rake-O-Vac clears debris from even the tightest areas. The rugged impeller fan pulverizes leaves and debris saving space in the hopper yet the airflow in the hopper minimizes dust by directing it back to the ground keeping your neighbors happy.



RAKE-O-VAC ENGINE DRIVE, MODEL 07055*							
<b>POWER SUPPLY</b>	Kohler® Command Pro® CH682, 23 hp (17.15 kW) @ 3600 rpm, 4 cycle, air-cooled, V-twin cylinders, horizontal crankshaft with a 5.5" (14 cm) dry centrifugal clutch. Compression ratio: 8.5:1. Overhead placement valves; intake, forged high carbon steel, exhaust Stellite® faced. Hydraulic valve lifters. Full pressure 4 pint (2.3 liter) with filter, oil capacity. 12-volt, 15 amp alternator with solid state regulator/rectifier. Solid state electronic ignition system with electronically controlled spark advance. Tri-phase design with screen pre-cleaner, replaceable filter cartridge and dump valve.						
<b>FAN IMPELLER</b>	Centrifugal type housing, double inlet. Four alloy steel blades, 16" (41 cm) wide x 23.25" (59 cm) diameter, .1875" (4.8 mm) thick. High tensile, .5625" (4 cm) stress-proof steel shaft mounted in self-aligning sealed ball bearings. Blower discharge area: 255 in <sup>2</sup> (1645 cm <sup>2</sup> ).						
<b>DRIVE</b>	Banded double. B-80 drive belt direct from drive shaft to fan impeller drive shaft. Fan impeller runs at 1580 rpm [tip speed 9,720 ft/min. (2963 m/min.)] at 3250 engine rpm.						
<b>FAN HOOD</b>	Twin construction for uniform air distribution; 4.5" (11.4 cm) deep x 63" (160 cm) wide. Inlet area: 283 in <sup>2</sup> (1826 cm <sup>2</sup> ). Variable position, front weighted rubber flap.						
<b>REEL/BRUSH DRIVE</b>	Belted-double B-53 drive belt from engine to jack shaft. Banded (4) 3V cross section belt, from jack shaft to flex tip reel. Flex tip reel runs at 275 rpm [tip speed 1,355 ft./min. (413 m/min.)] at 3250 engine rpm.						
<b>MAIN FRAME</b>	All welded, structural, rectangular, 2" x 4" (5 cm x 10 cm) and 4" x 4" (10 cm x 10 cm), 11-gauge, steel tubing.						
<b>WHEELS AND TIRES</b>	High flotation type I-1 rib tread, 11L-14SL, 6 ply rating, tubeless construction mounted on 8" (20 cm) x 14" (36 cm) wheel with six bolt attachment. Inflation pressure 28 psi (1.9 bar).						
<b>HOPPER</b>	4.75 cu. yd. (3.63 m <sup>3</sup> ) volume; 18-gauge top section with 16-gauge bottom section - rib reinforced; full width, self-cleaning, semi-automatic dumping.						
<b>HITCH</b>	Pin type, .75" (1.9 cm) diameter; adjustable vertical height for tractor hitches from 7.25" (18.4 cm) to 17.25" (43.8 cm) height.						
<b>FLEX TIP REEL</b>	Forward sweeping, 6 rows of teeth, all steel construction with replaceable .1875" (4.8 mm) extruded nylon teeth; each row containing 11 individually spring loaded flexible sets, 552 total teeth, 18.75" (48 cm) diameter reel, 61" (155 cm) wide, 1.125" (2.9 cm) diameter shaft set in self aligning sealed bearings. Reel supported by adjustable counterbalance springs and adjustable-gauge wheels. Gauge wheels aluminum construction with non-scuffing rubber tires operating on greaseable ball bearings; infinitely adjustable vertically.						
<b>DIMENSIONS</b>	<table border="1"> <thead> <tr> <th>Width</th> <th>Height</th> <th>Length</th> </tr> </thead> <tbody> <tr> <td>85.5" (217 cm)</td> <td>79.5" (202 cm)</td> <td>13'3" (4.0 m)</td> </tr> </tbody> </table>	Width	Height	Length	85.5" (217 cm)	79.5" (202 cm)	13'3" (4.0 m)
Width	Height	Length					
85.5" (217 cm)	79.5" (202 cm)	13'3" (4.0 m)					
<b>WEIGHT</b>	2,980 lbs. (1,355 kg)						
<b>WARRANTY</b>	Two-year limited warranty. Refer to the Operator's Manual for further details.						

OPTIONAL EQUIPMENT	
<b>BRUSH</b>	Forward sweeping continuous, polypropylene bristle, floating action provided by spring counterbalance and gauge wheel height adjustment. Model 07162.
	Brush speed: 275 rpm [tip speed 1,370 ft./min. (417 m/min.)] at 3250 engine rpm.

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 \*Stellite is a trademark of Stoodly Deloro Stellite, Inc.





# Versa-Vac™

The Toro® Versa-Vac tackles debris management challenges to meet your collection needs.



VERSACONTRACTOR™	
<b>VERSACONTRACTOR™, MODEL 07053*</b>	
<b>POWER SUPPLY</b>	Power source: 35 PTO hp (26 kW) and larger turf tractor with 540 PTO output shaft, double CV drive line, drive ratio to Impeller: .486 : 1, drive ratio to pump input shaft from impeller shaft: .389 : 1.
<b>FAN IMPELLER</b>	32" (81.3 cm) diameter impeller, 8 blades reinforced .25" (6.4 mm) steel, 9.375" (23.8 cm) wide (radial design) welded to a 27" (68.3 cm) diameter base plate.
<b>DRIVE</b>	Belt drive from input shaft to impeller shaft (4-5VX), belt drive from impeller shaft to pump input shaft (2-5VX).
<b>MAIN FRAME</b>	One-piece welded frame of .25" (6.4 mm), 7 and 10-gauge formed steel.
<b>WHEELS AND TIRES</b>	Turf tire, size 24 x 13.00-nhs 4-ply. Stamped and welded steel wheels rated up to 1,800 lbs. (817 kg).
<b>HOPPER</b>	Volume 6.5 cubic yard (5 cu. m), self-cleaning tapered box, dump hopper is operated hydraulically by one control, with self opening and closing door, dump hopper hydraulically lifted with a 3 x 18 hydraulic cylinder, vented roof sections with dust hoods to direct dust away from operator.
<b>DIMENSIONS</b>	Width: 78" (198 cm), Height: 83" (211 cm), Length: 15'5" (4.7 m), Weight: 2,300 lbs. (1,044 kg)
<b>OPTION</b>	20' (6.1 m) handheld hose.
<b>WARRANTY</b>	Two-year limited.
<b>COMBINATION DECK, MODEL 07082</b>	
<b>FLAIL ROTOR</b>	72 hardened, straight steel flails with adjustable spacing.
<b>FINGER ROTOR</b>	Four rows of 6" (15 cm) long fingers with 22 fingers per row.
<b>OPERATING WIDTH</b>	72" (183 cm)
<b>CASTER WHEELS</b>	Four, adjustable pneumatic caster wheels with full width anti-scalp roller, adjustable in .5" (12.7 mm) increments.
<b>WEIGHT</b>	700 lbs. (318 kg)
<b>RUBBER FINGER DECK, MODEL 07081</b>	
<b>ROTOR</b>	Four rows of 6" (15 cm) long fingers with 22 finger per row.
<b>OPERATING WIDTH</b>	72" (183 cm)
<b>CASTER WHEELS</b>	Four, adjustable pneumatic caster wheels, adjustable in .5" (12.7 mm) increments.
<b>WEIGHT</b>	280 lbs. (127 kg)

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# Pro Sweep®

A productive tow behind turf sweeper that easily collects cores, grass clippings, leaves and other turf debris. Operated with a hand-held wireless RF remote controller.



PRO SWEEP, MODEL 07068*	
<b>POWER REQUIREMENTS</b>	Utility vehicle with 8 gpm (30.3 liters/min.) @ 2000 psi, or tractor with a minimum of 25 hp (18.6 kW). Workman® HD Series vehicles require the high-flow hydraulics kit.
<b>CONTROL</b>	Handheld wireless RF controller provides capability to hydraulically off-set the sweeper from transport to sweep position, raise the sweeper to a turn-around height, and fully raise the sweeper to dump the collected debris.
<b>SWEEPING WIDTH</b>	52" (132 cm)
<b>HOPPER CAPACITY</b>	25 cu. feet (0.708 cu. meters)
<b>COLLECTION SYSTEM</b>	Hydraulic-powered rotary brush.
<b>BRUSH SPEED</b>	Forward sweeping speed 0-4 mph (0-6.4 km/h), infinitely variable (recommended speed 3 mph (4.8 km/h)). Forward transport speed with hopper in transport down position 0-15 mph (0-24 km/h).
<b>ROLLER</b>	6" (15.2 cm) diameter full-width roller directly behind rotary brush. Adjustable height.
<b>HITCH</b>	.75" (1.9 cm) hitch pin with safety linchpin.
<b>HYDRAULIC CONNECTION</b>	8 gpm (30.3 liters/min.) @ 2000 psi max (3600 rpm high idle), dual quick couplers with 2-hose connection, dash-mounted ON/OFF switch.
<b>TRANSPORT POSITION</b>	Tow sweeper directly behind or offset to the side of the vehicle.
<b>SWEEP POSITION</b>	Off-set to the left side of the tow vehicle.
<b>TRACTION</b>	Pivoting sub frame allows for positive tongue weight.
<b>GROUND FOLLOWING</b>	Floating brush housing.
<b>LIFT</b>	Hydraulic powered lift cylinder. High-lift.
<b>TIRES</b>	26.5 x 14-12 (67.3 x 35.6-30.5 cm)
<b>DIMENSIONS</b>	Height: 68" (173 cm), Length: 145" (368 cm), Width: 87" (221 cm), Dump Height Clearance: 68" (173 cm).
<b>WEIGHT</b>	1,512 lbs. (686 kg) empty.
<b>WINDROW KIT</b>	Standard.
<b>OPTIONS</b>	Wheel scrapers
<b>WARRANTY</b>	Two-year limited warranty. Refer to the Operator's Manual for further details.

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# Pro Force®

The Pro Force is a self-contained engine-driven Debris Blower operated with a hand-held wireless RF controller. It utilizes a high-efficiency turbine-type fan assembly designed to deliver greater air power to clear turf or pavement of leaves, grass clippings, twigs, pine needles or other undesirable debris.



PRO FORCE DEBRIS BLOWER, MODEL 44552, 44553, 44554*	
<b>ENGINE</b>	24.6 hp (18.3 kW) Kohler® Command Pro™ 725 cc, gas, 2-cylinder, air-cooled, electronically-governed
<b>FAN DESIGN</b>	High-efficiency, axial flow, turbine-type fan assembly.
<b>CONTROL</b>	Hand held wireless RF controller provides capability to start and stop the engine, adjust engine throttle up and down for high to low RPM range of operation, and rotate nozzle 360 degrees in either direction. Ergonomic, weather resistant. <b>Note:</b> Model 44554 includes tethered controller and is offered in regions where wireless control is not available.
<b>NOZZLE</b>	Single-piece impact-resistant plastic with 13" outlet diameter.
<b>ROTOR DIAMETER</b>	14" (35.5 cm)
<b>FAN ASSEMBLY DIAMETER</b>	14" (35.5 cm)
<b>WEIGHT</b>	475 lbs. (215.4 kg)
<b>LENGTH</b>	Standard 97" (246 cm) from adjustable tow hitch to nozzle outlet. 18" (45.7 cm) adjustable length for length range of 79"-115" (200.6 - 292.1 cm)
<b>WIDTH</b>	48" (122 cm)
<b>HEIGHT</b>	44" (111.7 cm)
<b>TOW-BEHIND TRAILER</b>	Lawn-tractor style hitch (Category 1). Three hole locations to accommodate varying receiver heights.
<b>TIRE SIZE:</b>	20 x 10-8, 4-ply turf tire.
<b>FENDERS</b>	Custom injection molded plastic.
<b>WARRANTY</b>	Two-year or 1,500 hour limited warranty. See operator's manual for details.

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# Debris Blower 600

The Toro® Debris Blower 600 creates incredible wind power to quickly clear large areas of unwanted debris.



DEBRIS BLOWER 600, MODEL 44536*	
<b>POWER SOURCE</b>	Category one and two 3-point hitch of any tractor in the 25 PTO hp range with a 3-point hitch and 540 PTO.
<b>FAN SPEED</b>	1173 rpm @ 540 PTO input.
<b>OUTLET AREA</b>	100 square inches (645 cm <sup>2</sup> ).
<b>DIRECTIONAL CONTROL</b>	Deflector chute for 180° diversion as standard. Rotational control of diversion gate just behind 3-point hitch.
<b>CASTER WHEELS</b>	Two 13 x 5-6 pneumatic rubber tires.
<b>HEIGHT ADJUSTMENT</b>	0-1.5" (0-4 cm) adjustable in .5" (1.3 cm) increments.
<b>TURF PROTECTION</b>	16" (41 cm) long, 4" (10 cm) diameter turf roller behind fan housing. 8" (20 cm) long, 4" (10 cm) diameter turf roller under deflector chute. Beveled skid plate under deflector chute.
<b>GROUND CLEARANCE</b>	Determined by turf tractor 3-point hitch and caster wheels.
<b>FAN</b>	Radial design with 27" (69 cm) diameter center disc, 8 blades. Outer diameter 36" (91.4 cm).
<b>FAN HOUSING</b>	Split housing: upper and lower. Upper Housing – 12-gauge steel front and rear plates flanged at separation seam with 12-gauge steel rolled and flanged blower band. Lower housing – 10-gauge steel front and rear plates flanged at separation seam with 12-gauge and blower band.
<b>DRIVE</b>	Belt drive 4-5VX. Power source: 30 PTO hp turf tractor with 3-point hitch and 540 PTO.
<b>WEIGHT</b>	500 lbs. (227 kg)
<b>MOUNTING</b>	Category one and two 3-point hitch of any tractor in the 30 PTO hp range with a 3-point hitch and 540 PTO.
<b>DIMENSIONS</b>	Length: 49" (125 cm), Width: 59" (150 cm), Height: 46" (117 cm)

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# GreensPro® 1260

The Toro GreensPro 1260 riding greens roller is the perfect rolling tool for fine sporting turf such as golf greens, bowling greens and tennis courts. Turf that requires a smooth, high performance surface for optimum playing will benefit from precision greens rolling with the GreensPro 1260.



GREENSPRO 1260, MODEL 44913*	
<b>ENGINE</b>	Honda® GX200 5.5 hp (4.1 kW) @3600 RPM, air-cooled, 4-stroke OHV; mechanically governed.
<b>FUEL</b>	Unleaded gas
<b>TRANSMISSION</b>	Hydrogear PG Pump
<b>DRIVE</b>	Parker hydraulic motor to drive roller
<b>SMOOTHING ROLLS</b>	3.44" (87.5 mm) diameter - 4 split rollers. Overlapping twin steering heads.
<b>TRACTION DRIVE ROLLER</b>	7.24" (183.9 mm) diameter vulcanized rubber coated cylinder, 31.5" (80 cm) long
<b>ROLLING WIDTH</b>	47.2" (120 cm)
<b>GROUND SPEED</b>	Roll: 0-8 mph (0-12.8 km/h) in either direction
<b>CONTROLS</b>	Tilt steering wheel, directional foot pedals, parking brake
<b>CONTOUR FOLLOW</b>	Yes
<b>GROUND PRESSURE</b>	3.75 PSI (0.26 Bar)
<b>STEERING</b>	Wheel, adjustable tilt to 40°
<b>SEAT</b>	High-back, adjustable
<b>TRAILER</b>	Integrated with QuickLatch towing system
<b>LIFTING TIRES</b>	16 x 6.50 - 8
<b>LIFTING TIRE PRESSURE</b>	15 PSI (1.03 Bar)
	<b>OVERALL DIMENSIONS (STORAGE)</b>
<b>WIDTH</b>	48" (122 cm)
<b>LENGTH</b>	63" (160 cm)
<b>HEIGHT</b>	68" (173 cm)
<b>WEIGHT</b>	679 lbs. (309 kg)
	<b>OVERALL DIMENSIONS (TOWING)</b>
<b>WIDTH</b>	48" (122 cm)
<b>LENGTH</b>	93" (236 cm)
<b>HEIGHT</b>	47" (119 cm)
<b>WARRANTY</b>	Two-year limited warranty. Refer to operator's manual for further details.

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**TORO**

## HoverPro® Series

The Toro HoverPro is perfect for maintaining turf on steep slopes, tight undulations, near water or bunker lips. A light footprint makes the HoverPro easy to operate while its rugged design ensures years of quality performance.



	HOVERPRO 400, MODEL 02615*	HOVERPRO 450, MODEL 02610*	HOVERPRO 550, MODEL 02611*
<b>ENGINE</b>	Honda® GXV57	Honda® GCV160	Honda® GCV160
<b>CAPACITY</b>	57 cc	160 cc	160 cc
<b>CUTTING WIDTH</b>	16" (40 cm)	18" (46 cm)	21" (53 cm)
<b>CUTTING HEIGHT</b>	0.7" - 1.2" (18 - 30 mm)	0.7" - 1.2" (18 - 30 mm)	0.6" - 1.3" (16 - 34 mm)
<b>NET WEIGHT</b>	27.5 lbs (12.5 kg)	39.2 lbs (17.8 kg)	41.8 lbs (19 kg)
<b>CUTTER SYSTEM</b>	Nylon Wire	Steel Cutting Blade	Steel Cutting Blade
<b>WARRANTY</b>	Two-year limited warranty. Refer to operator's manual for further details.		

**TORO**

## ProStripe® 560

The ProStripe 560 combines exceptional turf striping with the simplicity of a walk power mower. It is the ideal mower for striping smaller turf areas and can easily maneuver into tight locations.



<b>NEW</b>	PROSTRIPE 560, MODEL 02657*
<b>CUTTING WIDTH</b>	22" (56 cm)
<b>ENGINE</b>	Kawasaki FJ180VKAI OHV 4-cycle, 179cc
<b>TRACTION DRIVE</b>	3-Speed Self Propelled
<b>DECK</b>	Die cast corrosion resistant aluminum
<b>HEIGHT OF CUT</b>	7-position, 0.5"-2.6" (13-65 mm) in 0.29" (7.4 mm) increments (2 ranges of positions)
<b>MOWING SPEED</b>	1.9, 2.5, 3.1 mph
<b>FUEL/CAPACITY</b>	Gasoline/0.45 gal (1.7L)
<b>WEIGHT</b>	145 lbs (66 kg)
<b>REAR ROLLER</b>	Steel, Two-piece, ribbed for traction with composite end caps
<b>AIR FILTER</b>	Dual Element
<b>BAG CAPACITY</b>	21 gallon (80 liter)
<b>BLADE ENGAGEMENT</b>	Blade Brake Clutch (BBC)
<b>WARRANTY</b>	Two-year limited warranty. Refer to operator's manual for further details.

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# Dingo® Compact Utility Loaders

The versatile and maneuverable Dingo Compact Utility Loader allows you to work in places where only manual labor could go before. Exceptional hydraulic power allows you to accomplish a variety of tasks, even in the toughest soil conditions. Choose from an amazing selection of over 35 attachment options.





# Dingo® Compact Utility Loader Specifications\*

DINGO 323, MODEL 22318													
<b>ENGINE</b>	Kohler® Command Series 23 hp (gross hp), air-cooled, 11.2 gallon (42.4 liter) fuel capacity, 2 quarts (1.9 liter) oil capacity, heavy-duty, 2-stage, remote air filter.												
<b>HYDRAULIC SYSTEM</b>	10.8 gpm (49 lpm) high-flow hydraulic circuit, 4 gpm (18.2 lpm) low-flow hydraulic circuit.												
<b>ELECTRIC SYSTEM</b>	Electric start. Battery: 12-volt, 380 CCA. (435 CCA diesel). Interlocks: Auxiliary valve neutral to start, traction valve neutral to start.												
<b>TIRES AND RIMS</b>	18 x 8.50-10, 8-ply, SSL-LSW pneumatic tires, 10 x 6.00, 5-bolt, drop center rims.												
<b>STEERING</b>	Zero turning type with two control levers, push for forward, pull back for reverse.												
<b>LOADER ARMS</b>	Two control levers push forward to lower/dump, pull back to raise/curl, auxiliary lever for hydraulic attachments; high flow/low flow selector valve lever; hydraulic flow proportioning valve lever. Radial.												
<b>DIMENSIONS</b>	<table border="1"> <thead> <tr> <th>Wheelbase</th> <th>Ground Clearance</th> <th>Overall Length</th> <th>Overall Width</th> <th>Overall Height</th> <th>Operating Height</th> </tr> </thead> <tbody> <tr> <td>28" (71 cm)</td> <td>5.8" (15 cm) front 5.8" (15 cm) rear</td> <td>62" (157.5 cm) 82.2" (208.8 cm) w/bucket</td> <td>40.5" (103 cm) standard tires 35" (90 cm) narrow tires</td> <td>48.7" (123.7 cm)</td> <td>91.2" (231.6 cm)</td> </tr> </tbody> </table>	Wheelbase	Ground Clearance	Overall Length	Overall Width	Overall Height	Operating Height	28" (71 cm)	5.8" (15 cm) front 5.8" (15 cm) rear	62" (157.5 cm) 82.2" (208.8 cm) w/bucket	40.5" (103 cm) standard tires 35" (90 cm) narrow tires	48.7" (123.7 cm)	91.2" (231.6 cm)
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<b>GROUND SPEED</b>	4.5 mph (7.2 km/h) forward/reverse												
<b>HINGE PIN HEIGHT</b>	66" (167.6 cm) std. bucket in highest position.												
<b>DUMP</b>	47" (119 cm) std. bucket height, 34° std. bucket angle.												
<b>REACH</b>	Maximum: 28" (71.1 cm) std. bucket. Fully raised: 26" (66 cm) std. bucket.												
<b>TIP CAPACITY</b>	1,030 lbs. (467 kg) w/200 lb.. (91 kg) operator.												
<b>RATED OPERATING CAPACITY</b>	515 lbs. (234 kg) w/200 lb.. (91 kg) operator.												
<b>WEIGHT</b>	1,567 lbs. (711 kg) w/o bucket, 1,713 lbs. (777 kg) w/std. bucket.												
<b>WARRANTY*</b>	Two-year engine warranty, one-year product warranty.												

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**TORO**

## Dingo® TXL 2000

**Outstanding reach & lift height** – thanks to the telescoping loader arm technology, operators are able to backfill behind a retaining wall, dump material into the center of a full-size dump truck or dumpster and off-load both rows of a trailer from one side with ease.





# Dingo® TXL 2000 Compact Utility Loader Specifications\*

	DINGO TXL 2000 WITH TELESCOPING ARMS, MODEL 22530	DINGO TXL 2000 WITHOUT TELESCOPING ARMS, MODEL 22531
ENGINE	49.6 hp (37 kW) Kubota® D1803 Diesel	
AIR FILTER	Two-stage, heavy-duty, remote	
COOLING SYSTEM	Liquid-Cooled	
FUEL TANK	18.3 gallons (69.3 liters)	
OIL CAPACITY	7.4 quarts (7 liters)	
HYDRAULIC PRESSURE	Auxiliary: 3,000 PSI    Traction: 4,350 PSI	
HYDRAULIC FLOW	Auxiliary: 21.4 gpm    Traction: 21.5 gpm (81.4 lpm) each pump	
RESERVOIR CAPACITY	15.25 gallons (57.7 liters)	
TRACKS	Sprocket-drive, 6 road wheels per side	
TRACTION	Dual hydrostatic pump	
TRACK DIMENSIONS	162.2" x 11.8" (413 cm x 30 cm)	
WHEELBASE	53.7" (136.4 cm)	
GROUND CLEARANCE	6.3" (16 cm)	
OVERALL DIMENSIONS (WXLH) WITH BUCKET	54" x 136.9" x 67.8" (137 x 348 x 172 cm)	
OVERALL DIMENSIONS (WXLH) WITHOUT BUCKET	54" x 98.8" x 67.8" (137 x 251 x 172 cm)	
MAXIMUM OPERATING HEIGHT	Telescoping 67.8" (172 cm)	Non-Telescoping 63.9" (162 cm)
HINGE PIN HEIGHT	123.4" (313 cm)	98.6" (250 cm)
DUMP HEIGHT	88.9" (226 cm)	64.1" (163 cm)
DUMP ANGLE	46.3 degrees	
REACH - FULLY RAISED	45.2" (114.8 cm)	26.1" (66.3 cm)
GROUND SPEED	5.4 mph (8.6 km/h)	
WEIGHT	6,655 lbs (3,019 kg)	6,235 lbs (2,828 kg)
TIP CAPACITY	5,715 lbs (2,592 kg) retr, 2,620 lbs (1,188 kg) ext.	5,715 lbs (2,592 kg)
RATED OPERATING CAPACITY (35% OF TIP CAPACITY)**	2,000 lbs (907 kg) retr, 920 lbs (417 kg) ext.	2,000 lbs (907 kg)
GROUND PRESSURE	5.3 PSI (.365 bars)	

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\*\*Per ISO 14397-1





## Dingo® TX Compact Utility Loaders

The original tracked compact utility loader, the TX 427 and TX 525, deliver durability and reliability contractors trust, combined with powerful performance and incredible versatility. Now, the family of Dingo welcomes the TX 1000 with exclusive vertical loader arms. The TX 1000 boasts an impressive 1,000 lb.. rated operating capacity in addition to the outstanding lift height of 81" to clear the side of 30-yard dumpsters and one-ton trucks.





# Dingo® TX Compact Utility Loader Specifications\*

DINGO TX 427 & DINGO TX 427 WIDE TRACK, MODELS 22321 & 22322													
<b>ENGINE</b>	Kohler® Command PRO™ Series CH740, air-cooled. 1 fuel tank: 6 gallon (23 liter), 2 quarts (2.95 liter) oil capacity, two-stage, heavy-duty remote air filter. Standard oil cooler.												
<b>HYDRAULIC SYSTEM</b>	3000 psi system relief pressure, 11.4 gpm auxiliary flow; 6 gpm (22.7 lpm) loader arm, 16.9 gpm (64 lpm) traction (each pump) 10.5 gallon (40 liter) reservoir capacity, 10-micron replaceable hydraulic filter, hydraulic cooler.												
<b>ELECTRIC SYSTEM</b>	Electric start. Battery: 12-volt, 585 CCA. (450 CCA diesel). Interlocks: Auxiliary valve neutral to start, traction valve neutral to start.												
<b>TRACK</b>	<b>Narrow Track:</b> Endless Kevlar™ reinforced rubber 96.6" x 5.9" (245 x 15 cm), single internal tooth drive. <b>Wide Track:</b> Endless Kevlar™ reinforced rubber 96.6" x 9.5" (245 x 24 cm), single internal tooth drive.												
<b>TRACK DRIVE</b>	Sprocket-Drive, 10 road wheels per side, cast-iron track guide.												
<b>STEERING</b>	Single control with reference bar.												
<b>LOADER/HYDRAULIC</b>	Joystick control for all functions, raise/lower, dump/curt and float. Two step motion control for auxiliary hydraulics.												
<b>PARKING BRAKE</b>	Single lever pin in hole system.												
<b>INDICATORS</b>	Audio and visual warning for hydraulic system.												
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<b>GROUND SPEED</b>	0-4.5 mph (0 - 7.2 km/h) forward, 0-2 mph (0 - 3.2 km/h) reverse.												
<b>HINGE PIN HEIGHT</b>	65.8" (167.1 cm)												
<b>DUMP</b>	46.1" (117.1 cm) height, 38° angle.												
<b>REACH</b>	21.8" (55.4 cm), fully raised.												
<b>TIP CAPACITY</b>	1,530 lbs. (694 kg)												
<b>RATED OPERATING CAPACITY (35% OF TIP CAPACITY)</b>	535 lbs. (243 kg)												
<b>WEIGHT</b>	<b>Narrow Track:</b> 1,882 lbs. (854 kg) w/o standard bucket, 1,993 lbs. (904 kg) w/standard bucket. <b>Wide Track:</b> 1,990 lbs. (902 kg) w/o standard bucket, 2,101 lbs. (953 kg) w/standard bucket.												
<b>WARRANTY*</b>	Three-year engine warranty, one-year product warranty.												
DINGO TX 525 & DINGO TX 525 WIDE TRACK, MODELS 22323 & 22324													
<b>ENGINE</b>	Kubota® D902E3B, 6 gallon (23 liter) tank, 3.84 quarts (3.63 liter) oil capacity, liquid cooled, diesel. Biodiesel-Ready for use up to B-10 (10% biodiesel and 90% petroleum blend).												
<b>HYDRAULIC SYSTEM</b>	3000 psi system relief pressure, 13.8 gpm auxiliary; 6 gm loader arm; 16.9 gpm traction (each pump), 10.5 gallon (40 liter) reservoir capacity.												
<b>ELECTRIC SYSTEM</b>	Electric start. Battery: 12-volt, 585 CCA. (450 CCA diesel). Interlocks: Auxiliary valve neutral to start, traction valve neutral to start.												
<b>TRACK</b>	<b>Narrow Track:</b> Endless Kevlar™ reinforced rubber 96.6" x 5.9" (245 x 15 cm) <b>Wide Track:</b> Endless Kevlar™ reinforced rubber 96.6" x 9.5" (245 x 24 cm)												
<b>TRACK DRIVE</b>	Sprocket-Drive, 10 road wheels per side, cast iron track guide, dual hydrostatic pump.												
<b>STEERING</b>	Single control with reference bar.												
<b>LOADER/HYDRAULIC</b>	Joystick control for all functions, raise/lower, dump/curt and float. Two step motion control for auxiliary hydraulics.												
<b>PARKING BRAKE</b>	Single lever pin in hole system.												
<b>INDICATORS</b>	Audio and visual warning for hydraulic system.												
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<b>GROUND SPEED</b>	0-4.5 mph (0-7.2 kmh) forward, 0-2 mph (0 - 3.2 km/h) reverse.												
<b>HINGE PIN HEIGHT</b>	65.8" (167.1 cm).												
<b>DUMP</b>	46.1" (117.1 cm) height, 38° angle.												
<b>REACH</b>	21.8" (55.4 cm) fully raised.												
<b>TIP CAPACITY</b>	1,580 lbs. (717 kg).												
<b>RATED OPERATING CAPACITY (35% OF TIP CAPACITY)</b>	553 lbs. (251 kg).												
<b>WEIGHT</b>	<b>Narrow Track:</b> 1,904 lbs. (864 kg) w/o standard bucket, 2,015 lbs. (914 kg) w/standard bucket. <b>Wide Track:</b> 2,013 lbs. (913 kg) w/o standard bucket, 2,124 lbs. (963 kg) w/standard bucket.												
<b>WARRANTY*</b>	Two-year engine warranty, one-year product warranty.												

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# Dingo® TX Compact Utility Loader Specifications\*

DINGO TX 1000 & DINGO TX 1000 WIDE TRACK, MODELS 22327 & 22328													
<b>ENGINE</b>	Kubota® D1305 Diesel, 11.5 gallon (44 liter) tank, 6.0 quarts (5.7) liter oil capacity, liquid cooled, diesel. Biodiesel-Ready for use up to B-10 (10% biodiesel and 90% petroleum blend).												
<b>HYDRAULIC SYSTEM</b>	3000 psi system relief pressure, 15.2 gpm auxiliary; 13.3 gm loader arm; 13.3 gpm traction (each pump), 10 gallon (45.5 liter) reservoir capacity.												
<b>ELECTRIC SYSTEM</b>	Electric start. Battery: 12-volt, 585 CCA. (450 CCA diesel). Interlocks: Auxiliary valve neutral to start, traction valve neutral to start.												
<b>TRACK</b>	<b>Narrow Track:</b> Endless Kevlar™ reinforced rubber 127.6" x 5.9" (324 x 15 cm), single internal tooth drive. <b>Wide Track:</b> Endless Kevlar™ reinforced rubber 127.6" x 9.5" (324 x 24 cm), single internal tooth drive.												
<b>TRACK DRIVE</b>	Sprocket-Drive, 6 road wheels per side, cast iron track guide, dual hydrostatic pump.												
<b>STEERING</b>	Single control with joystick.												
<b>LOADER/HYDRAULIC</b>	Joystick control for all functions, raise/lower, dump/curl and float. Two step motion control for auxiliary hydraulics.												
<b>PARKING BRAKE</b>	Single lever pin in hole system.												
<b>INDICATORS</b>	Audio and visual warning for hydraulic system.												
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<b>GROUND SPEED</b>	1-3.8 mph (1.6 - 6.1 kmh) forward and reverse.												
<b>HINGE PIN HEIGHT</b>	81" (206 cm).												
<b>DUMP</b>	61" (155 cm) height, 40° angle.												
<b>REACH</b>	24.5" (62 cm) fully raised.												
<b>TIP CAPACITY</b>	<b>Narrow Track:</b> 2,857 lbs. (1296 kg). <b>Wide Track:</b> 3,071 lbs. (1393 kg).												
<b>RATED OPERATING CAPACITY (35% OF TIP CAPACITY)</b>	<b>Narrow Track:</b> 1,000 lbs. (454 kg). <b>Wide Track:</b> 1,075 lbs. (488 kg).												
<b>WEIGHT</b>	<b>Narrow Track:</b> 2,785 lbs. (1263 kg) <b>Wide Track:</b> 2,790 lbs. (1266 kg)												
<b>GROUND PRESSURE</b>	<b>Narrow Track:</b> 5.6 PSI (.386 bars) <b>Wide Track:</b> 3.6 PSI (.248 bars)												
<b>WARRANTY*</b>	Two-year engine warranty, one-year product warranty.												

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# Dingo® & Dingo TX Compact Utility Loader Attachments

DINGO ATTACHMENTS	
<b>HIGH TORQUE AUGER POWER HEAD</b>	High torque for digging large holes from 6"-30" (15.2 - 76.2 cm) in diameter in difficult conditions.
<b>UNIVERSAL SWIVEL AUGER POWER HEAD</b>	High speed auger drive head creates plumb holes on various slopes from 6-18" (15.2 - 45.7 cm) in diameter.
<b>BACKHOE</b>	Prepare job site by digging, loading, trenching, back filling or doing demolition. Digs up to 82" (208 cm) deep.
<b>SOIL CULTIVATOR</b>	Designed for seed and flower bed preparation. Cultivates and levels soil. Blends landscape materials, compost, and fertilizer.
<b>NARROW BUCKET</b>	Creates incredible digging power in narrow spaces. Equipped with a high carbon cutting edge for superior wear.
<b>STANDARD BUCKET</b>	Use this standard bucket for moving rock, dirt, sand or other materials from the job site. 4.3 cu ft (0.121 cu m) capacity. 9.0 cu ft (0.255 cu m) option available
<b>LIGHT MATERIALS BUCKET</b>	Larger capacity to move light materials such as chipbark, mulch, and loam. 6.4 cu. ft. (0.181 cu m) capacity.
<b>FORKS - ADJUSTABLE</b>	Carry and maneuver posts, irrigation supplies and plant materials.
<b>LEVELER</b>	Easily spreads and grades dirt. Eliminates hand raking. Also carries a multitude of materials around the job site.
<b>TRENCHER</b>	Dig a trench up to 3' (91.4 cm) deep and 4-12" (10.1 - 30.5 cm) wide. Great for creating bed edges.
<b>TRENCH FILLER</b>	Overall width: 62" (157 cm); working width: 48" (122 cm); auger diameter: 14" (35.5 cm); float distance: 6" (15.2 cm); weight: 410 lbs (186 kg).
<b>TILLER</b>	40" (101.6 cm) wide and able to till over 6" (15.2 cm) deep on one pass.
<b>HYDRAULIC BLADE</b>	This 4' (122 cm) wide blade is used for back filling trenches, grading, and pushing snow.
<b>BORE DRIVE HEAD AND ROD &amp; REAMER KIT</b>	Compact and functional, used to bore below sidewalks, driveways, etc. in both confined and open areas. A choice of assorted rod lengths allows for operation in both confined and open areas.
<b>HYDRAULIC BREAKER</b>	Multi-position mounting head lets you break in vertical and horizontal positions.
<b>CEMENT BOWL</b>	Lets you mix cement, haul and pour it directly where you want in one step.
<b>MULTI-PURPOSE TOOL (BOOM, RIPPER, TOW BAR)</b>	<ul style="list-style-type: none"> <li>Boom - Excellent for hauling trees.</li> <li>Ripper - Great for breaking hard ground or removing stumps and shrubs.</li> <li>Tow bar - Use this for moving trailers.</li> </ul>
<b>STUMP GRINDER</b>	17" (43.1 cm) cutting wheel with 12 carbide-tipped teeth allows you to grind stumps up to 16.5" (42 cm) below grade.
<b>TRAILER</b>	Upfitted with custom racks, tray and stands to accommodate easy access and placement of the Dingo compact utility loader and all of its attachments.
<b>VIBRATORY PLOW</b>	Elliptical vibrating motion pulls irrigation pipe or installs wire through difficult soil conditions. Unique threaded bullet easily and securely connects pipe to puller. Other options available: STD bullet, basket grips x2, link, king pullers x3.
<b>POWER BOX RAKE</b>	Designed for seed preparation. Adjust depth to fill, plane and pulverize soil. Carbide teeth remove rocks and debris, leaving a dimpled surface ideal for moisture retention.
<b>TX PLATFORM</b>	Width: 28" (71.1 cm); operating height (from ground): 5" (12.7 cm); weight: 94 lbs. (42.6 kg) *Excluding TX 413.

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# TRX Trenchers

Tracks instead of wheels. Simplicity instead of complexity. TRX trenchers are tracked, dedicated walk-behind trenchers that have it all. Tracks – combined with Toro's exclusive easy-to-use control system – provide unparalleled maneuverability, while offering the ultimate in operational performance.



# TRX Trencher Specifications\*

	TRX 16, MODEL 22972	TRX 20, MODEL 22973	TRX 26, MODEL 22974
<b>ENGINE</b>	Kawasaki® FS481V, V-twin	Kawasaki FSH600V, V-twin	Kawasaki FX730V, V-twin
<b>COOLING SYSTEM</b>	Air	Air	Air
<b>FUEL TANK</b>	2.1 gallons (7.9 liters)	2.1 gallons (7.9 liters)	4.8 gallons (18 liters)
<b>OIL CAPACITY</b>	1.8 quarts (1.7 liters)	1.9 quarts (1.8 liters)	2.2 quarts (2.1 liters)
<b>START METHOD</b>	Recoil start	Electric start	Electric start
<b>HOUR METER</b>	Standard	Standard	Standard
<b>TRANSPORT SPEED</b>	3.1 mph / 1.5 mph (5 kph / 2.4 kph) 273 ft/min / 132 ft/min (83.2 m/min / 40.2 m/min)	3.1 mph / 1.5 mph (5 kph / 2.4 kph) 273 ft/min / 132 ft/min (83.2 m/min / 40.2 m/min)	3.1 mph / 1.5 mph (5 kph / 2.4 kph) 273 ft/min / 132 ft/min (83.2 m/min / 40.2 m/min)
<b>HYDRAULIC PRESSURE</b>	2,900 psi	2,900 psi	2,900 psi
<b>HYDRAULIC FLOW</b>	10 gpm (37.9 lpm) trencher chain 9.5 gpm (36 lpm) traction (each pump)	10 gpm (37.9 lpm) trencher chain 9.5 gpm (36 lpm) traction (each pump)	13.5 gpm (51.1 lpm) trencher chain 9.5 gpm (36 lpm) traction (each pump)
<b>HYDRAULIC RESERVOIR CAPACITY</b>	6.3 gallons (23.8 liters)	6.3 gallons (23.8 liters)	6.3 gallons (23.8 liters)
<b>HYDRAULIC OIL COOLER</b>	Standard	Standard	Standard
<b>HEADSHAFT SPEED</b>	226 RPM w/315 ft/lbs of torque	226 RPM w/385 ft/lbs of torque	210 RPM w/554 ft/lbs of torque
<b>TRACK</b>	5.9" (15 cm) wide – endless nylon reinforced rubber track	5.9" (15 cm) wide – endless nylon reinforced rubber track	5.9" (15 cm) wide – endless nylon reinforced rubber track
<b>TRACK DRIVE</b>	Sprocket-drive; 3 road wheels per side Traction dual hydrostatic pump	Sprocket-drive; 3 road wheels per side Traction dual hydrostatic pump	Sprocket-drive; 3 road wheels per side Traction dual hydrostatic pump
<b>GROUND PRESSURE</b>	With 24" (61 cm) boom = 4.1 psi With 36" (91.4 cm) boom = 4.3 psi With 48" (121.9 cm) boom = 4.4 psi	With 24" (61 cm) boom = 4.3 psi With 36" (91.4 cm) boom = 4.4 psi With 48" (121.9 cm) boom = 4.5 psi	With 24" (61 cm) boom = 4.5 psi With 36" (91.4 cm) boom = 4.6 psi With 48" (121.9 cm) boom = 4.7 psi
<b>DIMENSIONS**</b>			
<b>WEIGHT</b>	1,114 lbs (505 kg)	1,133 lbs (514 kg)	1,248 lbs (566 kg)
<b>HEIGHT</b>	46" (116.8 cm)	46" (116.8 cm)	46" (116.8 cm)
<b>LENGTH (BOOM UP)</b>	82.5" (210 cm)	82.5" (210 cm)	82.5" (210 cm)
<b>WIDTH</b>	33.8" (85.9 cm)	33.8" (85.9 cm)	33.8" (85.9 cm)
<b>WHEEL BASE</b>	23" (58.4 cm)	23" (58.4 cm)	23" (58.4 cm)
<b>BOOM OPTIONS</b>			
<b>DEPTHS</b>	24" (61 cm), 36" (91.4 cm) and 48" (121.9 cm)	24" (61 cm), 36" (91.4 cm) and 48" (121.9 cm)	24" (61 cm), 36" (91.4 cm) and 48" (121.9 cm)
<b>WIDTHS</b>	4" (10.2 cm) and 6" (15.2 cm)	4" (10.2 cm) and 6" (15.2 cm)	4" (10.2 cm), 6" (15.2 cm) and 8" (20.3 cm)
<b>CHAIN TYPES</b>	2-pitch chain with 4-pitch soil-cup tooth 2-pitch combo chains (rock and soil) 2-pitch "Shark" welded rock tooth	2-pitch chain with 4-pitch soil-cup tooth 2-pitch combo Chains (rock and soil) 2-pitch "Shark" welded rock tooth	2-pitch chain with 4-pitch soil-cup tooth 2-pitch combo Chains (rock and soil) 2-pitch "Shark" welded rock tooth
<b>ACCESSORIES</b>			
<b>CRUMBER/TRENCH CLEANER</b>	Optional	Optional	Optional
<b>REMOTE AIR CLEANER</b>	N/A	N/A	Standard

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The gross horsepower of this engine was laboratory rated by the engine manufacturer in accordance with SAE J2723. As configured to meet safety, emission, and operating requirements, the actual engine horsepower on this class will be significantly lower.

\*\*Dimensions are based on 2' boom and chain.



**TORO**

## **STX-26 & STX-38 Stump Grinders**

From pine to oak, the Toro STX stump grinder turns stumps to chips quickly and efficiently. Its patented Toro® Dingo® TX-style control system has two simple levers that are simple to learn, master and use. Combine these easy-to-use controls with tracks and transport speeds exceeding 4 mph, and you get maximum productivity.



## **SGR Handle Bar Stump Grinders**

Toro's line of handle bar grinders are great for grinding small stumps in areas with tight access. Well-balanced, easy to operate and simple to maintain, these models provide some of the smoothest cutting performance of any handle bar stump grinder on the market.



# STX Stump Grinder / SGR Handle Bar Stump Grinders Specifications\*

	STX-26 STUMP GRINDER, MODEL 23210	STX-38 STUMP GRINDER, MODEL 23212
<b>ENGINE</b>	Kawasaki® FX-730V	Kohler® Command Pro® ECV980 EFI
<b>HYDRAULICS</b>	13.5 gpm (51.1 liters per minute) hydraulic flow to head.	15 gpm (56.8 lpm) max flow to each side
<b>WHEEL</b>	19" (48.3 cm) diameter to tooth; .75" (1.9 cm) thick; 12 teeth.	22.25" (56.5 cm) diameter, 1.0" (2.54 cm) thick, 16 Greenteeth
<b>CUTTER DEPTH</b>	12.5" (31.7 cm) below grade.	18" (45.7 cm)
<b>CUTTER HEIGHT</b>	33" (83.8 cm) above grade.	35" (88.9 cm)
<b>HEAD SWING</b>	47" (119.4 cm) arc.	52" (132 cm) Radius, 60 degree arc
<b>DIMENSIONS</b>	<b>Width:</b> 34" (86.4 cm) <b>Length:</b> 78" (198 cm) <b>Height:</b> 46" (116.8 cm)	<b>Width:</b> 34" (86 cm) <b>Length:</b> 95" (241 cm) <b>Height:</b> 51" (130 cm)
<b>WEIGHT</b>	1,200 lbs. (544.3 kg)	1,750 lbs. (794 kg)

	PORTABLE STUMP GRINDERS	
	SGR-6, MODEL 22600	SGR-13, MODEL 22602
<b>ENGINE</b>	Honda® GX200	Honda® GX390
<b>CLUTCH</b>	Centrifugal	Centrifugal
<b>CUTTER DEPTH</b>	6" (15.2 cm) below grade	11" (27.9 cm) below grade
<b>CUTTER HEIGHT</b>	10.4" (26.4 cm) above grade	14" (35.6 cm) above grade
<b>WHEEL</b>	12-tooth Quadrublade™, 9.5" (24.1 cm) diameter to tooth	12-tooth Quadrublade™, 9.5" (24.1 cm) diameter to tooth
<b>BELT</b>	Cogged Belt	Double 3V Belt
<b>DIMENSIONS</b>	<b>Width:</b> 22" (55.9 cm), <b>Length:</b> 50" (127 cm), <b>Height:</b> 42.3" (107.4 cm)	<b>Width:</b> 29.5" (74.9 cm), <b>Length:</b> 76" (193 cm), <b>Height:</b> 42" (106.7 cm)
<b>WEIGHT</b>	103 lbs. (46.7 kg)	240 lbs. (108.9 kg)

\*Specifications and design subject to change without notice. Products depicted in this literature are for demonstration purposes only. Actual products offered for sale may vary in use, design, required attachments and safety features. See distributor for details on all warranties.





## 30" Stand-On Aerator

Toro's 30" Stand-on Aerator is durable and easy to use. It applies up to 1,200 lbs. down pressure on the tines to pull up to 5" cores, and operators can finely tune the hydraulic system to pull any length of plug on the fly. Electronic foot pedal controls also allow the operator to raise and lower the tines instantly for quick zero-turn maneuvers without taking their hands off the controls.



30" STAND-ON AERATOR, MODEL 23518*	
<b>ENGINE</b>	Kawasaki FS481, V-Twin Engine, 5 gallon (18.9 liter) fuel capacity
<b>AERATING WIDTH</b>	28" (71 cm)
<b>AERATING DEPTH</b>	Up to 5" (12.7 cm)
<b>AERATING SPEED</b>	Up to 7.5 mph (12.1 km/h) forward / 2.2 mph (3.54 km/h) reverse
<b>COVERAGE RATE</b>	2.1 Acres/hr (.89 Hectares/hr)
<b>DIMENSIONS</b>	<b>Width:</b> 48" (122 cm) <b>Length:</b> 53" (134.6 cm) <b>Height:</b> 65" (165.1 cm)
<b>WEIGHT</b>	1,015 lbs. (460 kg)

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