

TORO

Sand Pro[®] 2040Z Bunker Rake

ANOTHER INDUSTRY FIRST IN BUNKER MAINTENANCE.

The all-new Sand Pro 2040Z mechanical groomer is unlike anything else in the marketplace - a zero-turn bunker rake delivering unmatched productivity and maneuverability. The Sand Pro 2040Z is a daily bunker rake that will reduce your bunker maintenance labor cost. With the exclusive Flex Tooth Rake with patent-pending lift in turn technology, the 2040Z is the only mechanical groomer that can groom in a zero-turn without leaving tire marks or leaving unraked teardrops of sand. The nimble Sand Pro 2040Z will save you valuable time in your workday, improving bunkers' surface playability and consistency.



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F E A T U R E S

- Kawasaki 12.2 hp (9.1 kW) gasoline, v-twin engine.
- Flex Tooth Rake eliminates tire marks and mounds of sand.
- Power steering via independent control sticks.
- Unitized transmission minimizes hydraulic lines and connections.
- Transport speed up to 12 mph (19 km/h).
- Hydraulic-powered groomer lift.
- 2-post fixed ROPS, ISO/DIS 21299.2 certified.



SAND PRO 2040Z, MODEL 08706

ENGINE	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 with filter 1.7qts. with filter (1.5 without filter); Oil filter external, spin on.			
AIR CLEANER SYSTEM	Heavy-duty single stage cyclonic air filter with replacement element.			
FUEL CAPACITY	4.5 gal (17 liters) of unleaded gas (maximum 10% ethanol).			
TRACTION DRIVE	Belt-driven independent infinitely variable unitized transmission, with automatic tensioning system.			
HYDRAULIC OIL	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).			
GROUND SPEED	Forward 0-12 mph (0-19.3 km/h), reverse 0-4 mph (0-6.4 km/h). With optional speed limiter (Model 08720) installed: Forward 0-7 mph (0-11.3 km/h), reverse 0-4 mph (0-6.4 km/h).			
TIRES/WHEELS	Drive wheels: 25 x12- 9, 3-ply rating pneumatic tubeless demountable with a Turf Tamer (knobby) tread. Front wheel: 16 x 7.5-8 4-ply rating pneumatic tubeless demountable with turf traction tread. Recommended tire pressure: 7 psi all tires.			
MAIN FRAME	Rectangular-structured steel tube and high strength steel plate welded construction.			
BRAKES	Twin levers with dynamic braking through hydrostatic transmission. Hand actuated parking brake lever that controls two integral wet disc brakes contained within transmission.			
STEERING	Power steering, controlled through two independent control sticks with integrated dampeners. Min. turning radius: 0 in (0 cm).			
CONTROLS/GAUGES	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.			
REAR ATTACHMENT HYDRAULIC LIFT	Raise/lower switch mounted at end of right handle.			
SEAT	High back cushion vinyl seat with drain hole, integrated armrest and retractable seat belt; Adjustment is 4 inches (10.2 cm) fore and aft.			
ROPS	2-post fixed ROPS, certified per ISO/DIS 21299.2 specifications.			
STORAGE	Built-in cup holder, rake holder and personal storage reached from seat.			
ELECTRICAL FEATURES	12 volt system, 20 amp alternator at 3600 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 12.3 volt in run position).			
SOUND LEVEL	88dBA (operator ear).			
DIMENSIONS/WEIGHT	Length:	with Flex Tooth Rake 89.0 in (226 cm)	with Nail Drag 84.8 in (215 cm)	Wheelbase: 58.0 in 147 cm Tread width (to centerline of tire): 46.9 in (119 cm)
	Width:	84.0 in (213 cm)	71.5 in (182 cm)	
	Overall height:	73.0 in (185 cm)	73.0 in (185 cm)	
	Weight:	920 lbs (417 kg)	970 lbs (439 kg)	
GROUND CLEARANCE	5.5 in (14 cm) (at machine centerline 24 in tire).			
TIE DOWNS	Four loops, one located on each corner of the machine.			
WARRANTY	Two-year limited warranty. Refer to the Operator's Manual for further details.			
SAFETY CERTIFICATIONS	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)*

FLEX TOOTH RAKE (08716) (GOLF APPLICATIONS)	<ul style="list-style-type: none"> 84 inch (213 cm) - wide tooth rake with three reversible rubber trowels that will not tear bunker liners. Convex Trowel Design is able to continuously groom a 70" (178 cm) radius surface. Lift-in-turn design allows for continuous grooming during a zero-radius turn. Rubber trowel design reduces damage to bunker edges and liners.
OPTIONAL ACCESSORIES FOR TOOTH RAKE	Broom Finishing Kit (three section brush), Model 08719.
NAIL DRAG (08717) (INFIELD GROOMING APPLICATIONS)	<ul style="list-style-type: none"> 66" (168 cm) wide with 88 removable nails arranged in diamond pattern. Three height positions for nails; Increases material flow and extends nail wear. 71.5" (282.6 cm) rubber groomer. Back blade allows for moderate or small area leveling of infield surface.
OPTIONAL ACCESSORIES FOR NAIL DRAG	Drag mat finishing kit (08718): 78" W x 18" L x 1" (198 cm W x 45.7 cm L x 2.5 cm) square steel mat; includes cradles to store mat during transport. Model 08718.

OTHER TRACTION UNIT ACCESSORIES

LIGHT KIT	2 LED lights: one in front, one mounts to ROPS and points rearward. Three position switch, all lights on, front on or off. Model 08721.
SPEED LIMITER KIT	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, available in January 2014.
SEAT SUSPENSION KIT	Rubber isolators provide cushioning. PN 125-6469.
MESH BAG KIT	Storage bag for maintenance tools, trash, debris, etc.; mounts to ROPS. PN 127-0359.
TURF TRAC TIRE	Less aggressive tread for rear drive tires. PN 125-6462.
BIMINI SUNSHADE	Canvas sunshade that mounts to ROPS. Model 30358.
RAKE HOLDER	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 127-0353-03.

*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 design, required attachments and safety features. Consult your local Toro Distributor.

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The Sand Pro 2020 is manufactured in Tomah, WI ISO 9002 Certified Plant.

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