Specifications for Groundsmaster[®] 3280-D & 3320

75% stronger.*

The Groundsmaster® 3280-D and 3320 feature seven durable deck options for highperformance cutting in any condition. They stand up to the rigours of everyday use with high-strength 4.5 mm (7-gauge) welded steel construction that resists cracking and sand abrasion. In fact, Toro® decks are 33% thicker and 75% stronger than competitive decks made from ordinary 3.4 mm (10-gauge) steel.*

Available deck configurations include:

- Side Discharge 183 cm (72") or 152 cm (60")
- Rear Discharge 183 cm (72") or 157 cm (62")
- Guardian[®] Recycler[®] 183 cm (72") or 157 cm (62")



Bull-nose Bumper - This unique design provides durability and minimizes blowout of grass and dust. The leading edge is raised 6.4 mm (1/4") so grass stands up straight for a cleaner cut.



Side Discharge Decks – The patent pending adjustable front baffle allows you to fine tune the deck performance to meet changing turf conditions. The baffle position adjusts in a matter of seconds with no tools required. The patent pending rubber discharge deflector disperses clippings evenly while protecting tree bark from damage.

Guardian Recycler Decks – A patented vertical discharge system offers improved safety and clipping management by forcing clippings to be cut and re-cut. Recycler decks also can be easily converted to rear discharge with optional kit for added versatility.



*Comparison based on 4.5 mm (7-gauge) high-strength steel versus ordinary 3.4 mm (10-gauge) commercial steel.

Rear Discharge Decks – The shallow deck design removes clippings quickly allowing the cutting chambers to accept more grass for increased productivity. Rear discharge decks can be easily converted to Guardian Recycler with optional kit for added versatility.

Engine

Model: 3280-D: Kubota,® 3-cylinder, 3320: Briggs & Stratton®/Daihatsu,® 3-cylinder Rating: 3280-D: 20.9 kW (28 hp) gross, 19.5 kW (26 hp) net; 3320: 23.9 kW (32 hp) gross, 18.6 kW (24.9 hp) net *Displacement:* 3280-D: 1.1 litre (68.5 cu. in.) Fuel: 3280-D: Diesel; 3320: Unleaded petrol *Fuel capacity:* 3280-D: 42.8 litre (11.3 gallon) 3320: 42.8 litre (11.3 gallon) Cooling: Liquid

Traction Unit

Drive: 2WD: Hydrostatic U-type transmission; 4WD: On-demand, bi-directional overrunning clutch Brakes: Individual drum type, dynamic braking traction drive Steering: Power Gauges: Hour meter, fuel, temperature, oil pressure, water temperature, amps, glow plug (3280-D only) Controls: Foot-operated traction and brake pedals. Hand-operated throttle, brake lock, ignition switch Seat suspension options: mechanical or air ride **ROPS:** Standard foldable

Electrical

Battery: 12 volt, 530 CCA Alternator: 40 amp Interlock: High water temperature

Tyres

Front traction: 23 x 9.5-12 with demountable rims *Rear steering:* 2WD: 16 x 6.5-8; 4WD: 18 x 6.5-8, tubeless, 4-ply

Dimensions

Width: 3280-D: 119 cm (47"), 3320: 119 cm (47") Length: 3280-D: 212 cm (83.5"), 3320: 216 cm (85") Height: 3280-D, 3320: 142 cm (56") with ROPS down, 195 cm (77") with ROPS up Wheelbase: 3280-D: 117 cm (46"), 3320: 121 cm (47.5")

Ground Speed

16.1 km/h (0-10 mph)

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Cutting Units 183 cm (72") Cutting Units Model 30368: 183 cm (72") Side Discharge with adjustable front baffle and 8 mm (5/16") rubber discharge chute Model 30369: 183 cm (72") Rear Discharge Model 30379: 183 cm (72") Guardian® Recycler® *Type:* 3-blade, front mounted rotary *Width of cut:* 183 cm (72") Height of cut: Side and Rear Discharge 2.5-12.7 cm (1"-5"), Recycler 3.8-12.7 cm (1.5"-5"), all are adjustable front and rear in 12.7 mm (.5") increments Mowing rate: 1.46 hectares/h (3.6 acres/h) at 8 km/h (5 mph) Construction: 4.5 mm (7-gauge) welded steel 157 cm (62") Cutting Units Model 30367: 157 cm (62") Rear Discharge Model 30376: 157 cm (62") Guardian® Recycler® *Type:* 3-blade, front mounted rotary *Width of cut:* 157 cm (62") Height of cut: 3.8-12.7 cm (1.5"-5"), adjustable front and rear in 12.7 mm (.5") increments Mowing rate: 1.25 hectares/h (3.1 acres/h) at 8 km/h (5 mph) Construction: 4.5 mm (7-gauge) welded steel 152 cm (60") Cutting Unit Model 30366: 152 cm (60") Side Discharge with adjustable front baffle and 8 mm (5/16") rubber discharge chute *Type:* 3-blade, front mounted rotary Width of cut: 152 cm (60") Height of cut: 2.5-12.7 cm (1"-5"), adjustable front and rear in 12.7 mm (.5") increments Mowing rate: 1.22 hectares/h (3.0 acres/h) at 8 km/h (5 mph) Construction: 4.5 mm (7-gauge) welded steel 132 cm (52") Cutting Unit Model 30555: 132 cm (52") Side Discharge with steel discharge chute

Type: 3-blade, front mounted rotary *Width of cut:* 132 cm (52") Height of cut: 2.5-10.2 cm (1"-4"), adjustable front and rear in 12.7 mm (.5") increments Mowing rate: 1.1 hectares/h (2.6 acres/h) at 8 km/h (5 mph)

Construction: 2.8 mm (12-gauge) welded steel with 4.5 mm (7-gauge) support brackets

Warranty: Two-year limited

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Groundsmaster 3280-D & 3320





- Groundsmaster 3280-D & 3320:
- 20.9 kW (28 hp) Kubota[®] diesel engine or 23.9 kW (32 hp) Briggs & Stratton[®]/Daihats petrol engine
- 4.5mm (7-gauge) welde steel cutting decks
- Guardian[®] Recycler,[®] side or rear discharg cutting decks
- 2WD or 4WD models
- All-season attachmen

The passing of the torch.

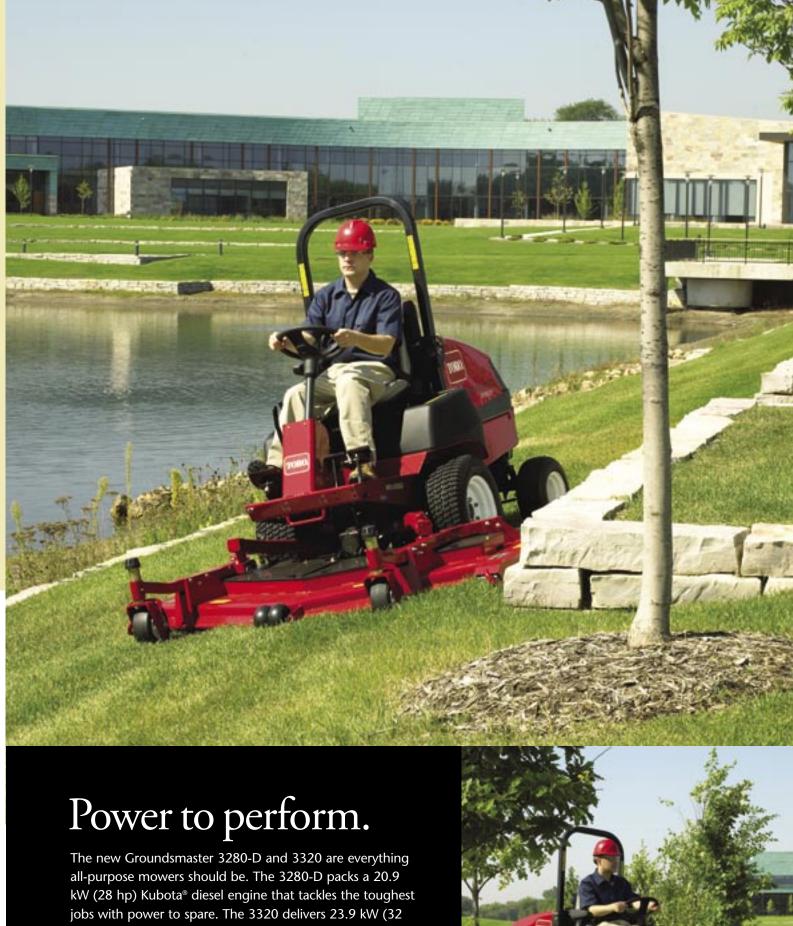
Toro[®] ushers in a new era of rotary trim mowers with the introduction of the Groundsmaster[®] 3280-D and Groundsmaster[®] 3220. These new, all-purpose mowers embody the Toro standard for durability, yet are refined to meet today's more stringent cutting demands.

Count on Durability

The industry's toughest spindle assembly.

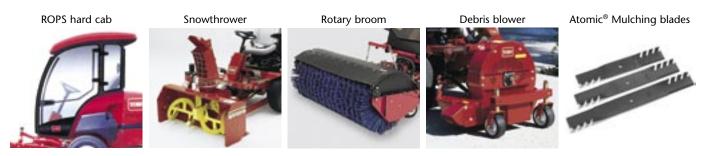
Toro spindle assemblies are tested to take a beating that would destroy most spindle assemblies. A cast iron housing with a massive 23 cm (9") diameter base absorbs impacts and distributes the load across the robust deck shell. Plus, Timkin® tapered roller bearings last up to six times longer than ball bearings.





hp) for those who prefer petrol engines. The proven PTO drive system delivers power to the cutting deck and optional attachments smoothly and efficiently for long life. Available 4WD plus an innovative counter balance system provide secure footing on any terrain.

Attachments



Also available: Leaf mulcher, sunshade, V-plow, dozer blade, air ride seat suspension, collection system, Guardian Recycler conversion kit, rear discharge conversion kit, side discharge high-tip speed kit



All-day comfort.

Operator comfort and safety played a critical role in the design of these new Toro mowers. Abundant leg room, available air ride seat suspension, 12V power outlet, ergonomic controls, and a tilt steering wheel enable operators to be more comfortable and productive.

The large-capacity fuel tank, built-in cup holder and storage compartment are just some of the other userfocused designs.