

Z Master® 2000, Model No. 77280



Model 77284 shown with 60" deck

TECHNICAL SPECIFICATIONS AND FEATURES

Engine	Toro LC2P77F-HD, Spec 136-7822 (original), 136-7823 (service), 18.3 kW (24.5 hp), 708 cc, overhead valve, V-twin (cast iron sleeves) single camshaft, air cooled engine with full pressure lubrication and full flow oil filter. Air cleaner is canister heavy duty style with single paper filter element. High idle speed set at 3,600 rpm.
Deck Size	Width: 121.9 cm (48.0 inches) Depth: 12.7 cm (5.0 inches)
Deck Configuration	Right side discharge, three blade mid-mount rotary. Fabricated 7/10-gauge steel Turbo force deck with welded reinforcements, mounting brackets and gauge wheel brackets. The deck is frame suspended from the frame by four chains.
Deck Spindles	2.5 cm (1.00 inch) diameter shaft with oversized sealed bearings. Spindle housing is 20.3 cm (8.0 in) diameter – aluminum construction.
Height of Cut	3.8 cm to 12.7 cm (1.5 to 5.0 inches) – 15 positions with 6.4 mm (1/4 inch) increments. Foot operated deck lift.
Hydro Drive Unit	Twin Hydro-Gear ZT-3400 hydrostatic transaxles with charge pumps and oil filters.
Ground Speed	16.1 km/h – forward.
Wheel Base	126.2 cm (49.7 inches) – Centre of castor to centre of drive tyre.
Steering Control	Ergonomic, adjustable steering levers with heavy duty dampeners.
Width	120.6 cm (47.5 inches) – Outside of rear tyres.
Overall Width	160.3 cm (63.1 inches) – With the deflector down. 134.6 cm (53.0 inches) – With the deflector up (gate width).
Overall Length	208.3 cm (82.0 inches).
Overall Height	124.5 cm (49.0 inches) – ROPS down. 179.1 cm (70.5 inches) – ROPS up.
Track Width	95.0 cm (37.4 inches) – Centre to centre of rear tyres. 84.0 cm (33.1 inches) – Centre to centre of castor tyres.
Tyres	Front – 13 x 6.5-6 inch, 4 ply rated, smooth tread. Rear – 24 x 9.5-12 inch, 4 ply rated, Super Turf Traction tread.
Fuel Tank Capacity	26.5 litres.
Nett Weight	394.6 kg (870.0 lbs.).
Seat	High back deluxe seat with large bolsters and thick cushion. Standard with pivotable armrests.
Warranty	<u>Machine</u> : 4 years / 750 hours (whichever occurs first). <u>Engine</u> : 4 years. <u>Belts, Tyres & wear parts</u> : 90 days. <u>Battery</u> : 1 year (first 90 days parts and labour, 91-365 days parts only). <u>Attachments</u> : 1 year. NOTE : Engine warranty is through Toro Australia. <i>For all other conditions, refer to The Toro Warranty statement accompanying the machine.</i>

Any specifications and dimensions in this Specs & Spares release are subject to change without notice and without incurring any obligation.

For additional technical and servicing information regarding this mower refer to Service Bulletin ZM2000SB01/21, issued May 7, 2021.

PLEASE NOTE: The Toro Part Numbers quoted are correct at the time of this Specs & Spares release. Always refer to the appropriate Parts Manual based upon the machine's serial number to ensure correct parts availability and fitment.

ACCESSORIES AND ATTACHMENTS

Product	Part No.	Product	Part No.
Trimmer Mount Kit	136-1682	Toro Deluxe Large Cover	490-7319
Universal Mount Kit	136-9046	ROPS Pin Kit	136-1683
Front Bucket Kit	126-7011	Front Weight Kit	126-8639
Bucket Holder & Trash Picker Mount Kit	136-9045	Twin Soft Standard Bagger ⁴	78481
Black 5 US Gallon Bucket – Toro Logo ¹	133-2533	Twin Soft Heavy Duty Bagger ⁵	78431
Triple Threat Utility Kit ²	136-9047	E-Z Vac Blower & Drive Kit – H/Duty Bagger	78433
Extended Control Levers Kit, Dedicated-Bagging Riding Mower	138-6020	E-Z Vac Blower & Drive Kit – Std. Bagger	78483
Recycler Kit ³	126-8701	Sun Shade Kit	126-8077
Trash Bag	126-8379	Hardtop Sun Canopy	140-4367
Hi Back Seat Cover	133-1308	Hitch Cover	126-8299
Deck Maintenance Jack ⁶	127-6666	Toro V-Twin H/Duty Maintenance Kit	139-0649
Jack Mount Kit	144-1993	MVP Belt and Blade Pack	127-6795
LED Lamp Kit (ROPS Mounted)	144-1992	Transmission Oil Change Kit	121-3783
Striping Kit	126-7882		

¹ Bucket to suit 139-9045

² Comprises 136-9045, 136-9046 & 136-1682

³ Includes recycler blades 133-2163

⁴ Used in conjunction with 78483 or 78401. Front weight kit included

⁵ Used in conjunction with 78433. Front weight kit included

⁶ Used in conjunction with 144-1993

REGULAR MAINTANENCE ITEMS

Product	Part No.
Air Cleaner Element	108-3811
Air Cleaner Valve Actuator	87-9400
Engine Oil Filter	136-7848
Engine Fuel Filter	139-6717
Emissions Air Intake Filter	120-2235
Spark Plugs	Champion® RN9YC or NGK® BPR6ES
Engine Valve Cover Gasket	127-9295 (2 required)
Transaxle Oil Filter	109-3321 (2 required)

Product	Type / Capacity
Engine Oil Type	Detergent engine oil, API service SF, SG, SH, SJ or SL. Engine Oil SAE-30 for normal conditions – otherwise refer to Operator's Manual.
Engine Oil Capacity	Without oil filter change – 2.3 litres With oil filter change – 2.4 litres
Transaxle Oil	Toro HYPR-OIL 500 Hydraulic Fluid
Transaxle Oil Capacity	Approximately 4.45 litres required for complete system change including filters replaced.

Product	Part No.	Product	Part No.
Traction Drive Assembly Drive Belt	126-5993	Deck Discharger Rubber Deflector	110-0759
Traction Drive Assembly Idler Pulley	116-2456	Blade Attaching Screw	51-4060
Traction Drive Assembly Engine Pulley	138-6007	Blade Screw Belleville Washer	125-1736
PTO Clutch	127-3410	Choke Control Cable	126-7009
Deck Spindle Drive Belt	126-7731	Throttle Control Cable	126-7008
Deck Spindle Assembly	120-5477	Fuel Tank Cap	135-4801
Deck Spindle Bearing (2 required)	116-0720	Front Tyre	126-5959
Deck Spindle Shaft	126-7629	Rear Tyre	126-4875
Deck Spindle Pulley	117-7326	Rear Wheel Rim	139-3635
Deck Idler Pulley	132-4718	Rear Wheel Lug Nut	242-50
Deck Flat Idler Pulley	116-4669	Ignition Key	63-8360
Deck Anti-Scalp Roller	1-603299	Battery (Dry)	104-8162
Deck Belt Tensioner Arm Spring	139-3616		

Blade Types

Type (Single)	Part No.	Type (6 Packs)	Part No.
Standard Hi-Flow (including Bagging)	133-2137	Standard Hi-Flow (including Bagging)	133-2176
Recycler	133-2163	Recycler	133-2179
Atomic	133-2160	Atomic	133-2182