

19 Inch Recycler Mower, Model No. 20836



TECHNICAL SPECIFICATIONS AND FEATURES

Engine	Toro, 7.4 ft-lbs, 159 cc engine with Guaranteed to Start system. Engine is a four cycle, air cooled, vertical crankshaft, overhead valve, oil dipstick and fill tube, mechanical compression release, above deck muffler, mechanical governor. It has an aluminum cylinder with cast iron sleeve. Engine is fitted with a top mounted recoil starter.
Housing	Die cast aluminum alloy, spiral grass chamber with rear bagging or recycling capabilities.
Height Of Cut	Spring counterbalanced adjustment for all four wheels with one latch point. Single indicator points to seven positions ranging from 2.5 cm to 10.5 cm (1.0 in to 4.2 inches).
Blade	Single 48.0 cm (19.0 inch) long, heat-treated alloy steel. Blade attached to crankshaft with a keyed retainer, blade stiffener and a special 7/16-20 UNF blade bolt with lock washer. Tip speed is 13,881 fmp @ 2,800 nominal engine rpm.
Controls	Throttle Control: None, fixed engine speed at 2,800 +/- 100 rpm. Flywheel Brake Bail: With the bail against the push to propel handle the engine may be started and run. With the bail released to the OFF position the engine will stop. Automatic Drive System (ADS): The telescopic control handle converts sliding motion to rotary motion, engaging the transmission cable. Infinitely variable ground speed is determined by the relative position of the telescopic control handle, which is controlled by the operator's walking speed. Bag-on-Demand: Handle in forward position allows for rear discharge or bagging. Rearward position allows for recycling.
Wheels	Co-polymer polyethylene hub with ball bearings.
Tyres	20.3 cm x 5.1 cm (8.0 in x 2.0 in) – Black PVC capped.
Catching Bag	60 litres (1.7 bushels).
Gearbox	GT brand transmission with injection moulded upper and lower cases. 4.5:1 reduction.
Width:	52.0 cm (20.5 inches).
Length	98.0 cm (38.6 inches) – without handle.
Height	41.0 cm (16.0 inches) – in lowest HOC, without handle.
Fuel Tank Capacity	1.0 litres.
Shipping Weight	39.0 kg (86.0 lbs).
Warranty	Residential: 5 year mower, 5 years Toro engine and Guaranteed to Start (GTS) system. Commercial: 90 days mower and transmission, 90 days engine. GTS does not apply.

For additional technical and servicing information regarding this mower refer to Service Bulletin WBMSB 01/15, issued March 30, 2015.

ACCESSORIES AND ATTACHMENTS

Product	Model No.
WPM Product Cover	490-7462

REGULAR MAINTANENCE ITEMS

Product	Part No.
Air Filter Cleaner Kit	119-1909
Engine Oil Type	Detergent engine oil, API service SF, SG, SH, SJ, SL or higher. Viscosity: SAE 30 or 10W-30
Engine Oil Capacity	0.60 litre
Spark Plug	Champion RL87YC 121-4199

Product	Part No.
Blade Attaching Bolt	125-2466
Blade Driver Assembly	106-3987
Blade Support	108-3766-03
Traction Cable	117-9389
Brake Cable	108-8157
Front Wheel Assembly	117-4082
Rear Wheel Assembly	117-4083
Rear Wheel Drive Pinion, 15 tooth	110-9417
Transmission Drive Belt	117-4086
Handle Knob	117-5976
Fuel Tank Cap	121-4163
Grass Bag Assembly	117-9365

Blade Type

Blade Type	Part No.
Blade, 19.0 inch – Serrated	110-7080