

**TORO**

# ProLine H800

## Rotary Mower with High-Lift Collection

### MORE DURABLE. MORE RELIABLE.

The ProLine H800 rotary mower with high-lift collection is engineered for maximum lifetime and minimum downtime. The Toro out-front deck features a welded bull nose bumper, heavy duty caster forks and long-lasting skid protection. With a powerful 18.4 kW (24.7 hp) engine, a large 41 liter (10.8 gallon) fuel tank and 810 liter (214 gallon) capacity hopper, this mower can go longer without stopping – you don't even have to stop to adjust the height of cut! And when the hopper gets full, the deck automatically shuts off to prevent overfilling or uncollected grass. Then, the high lift system makes it effortless to empty clippings directly into a truck bed. Smart Cool® with an automatic reversing fan and automatic deck cleaning wipers. Excellent sight lines make the ProLine H800 perfect for trimming around landscaping in urban areas and parks. And the high performance cutting system delivers a clean quality of cut – crucial for sports fields and business complexes.



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### F E A T U R E S

#### Less Downtime

- Toro deck with welded bull nose bumper, heavy duty caster forks and long-lasting skid protection
- Large 41 liter (10.8 gallon) fuel tank allows for a full day of operation
- High-volume 810 liter (214 gallon) hopper with 1,950mm (76.8") maximum dump height for easy clean up of clippings

#### Excellent Collection

- Central grass collection with Smart AirFlow system to maximise collection performance

- Adjustable full hopper sensor with automatic deck shut off to prevent overfilling
- Automatic deck cleaning wiper in discharge area to prevent clogging

#### Ease of Maintenance and Operation

- Smart Cool system with Auto Reversing Fan prevents overheating of the engine
- Quick height of cut adjustment from operator seat
- Tilting deck for easy access to blades for daily clean-up



# PROLINE H800 SPECIFICATIONS\*

## PROLINE H800, MODEL 31050TE

ENGINE	Yanmar, 3-cylinder, liquid-cooled, diesel. Rated Power 18.4 kW (24.7 hp) @ 3000 rpm, Gross Power 18.4 kW (24.7 hp) @ 3000 rpm. High idle: 3200 rpm; Displacement: 1.266 liter. Remote mounted 12.7cm (5") Virgiss air filter.
FUEL CAPACITY	41 liters (10.8 gal) diesel
TRACTION DRIVE	Engine-mounted hydrostatic transmission powering four hydraulic wheel motors providing dual-diagonal full-time all-wheel drive.
TIRES	Front: 23 x 10.5-12 turf tires. Rear: 18 x 7.5-8 turf tires.
AIR CLEANER	Dry, replaceable primary and safety element.
INSTRUMENTATION	Indicators: glow indicator, battery discharge, low engine oil pressure, blocked air cleaner, grass collector raised, parking brake on, work light on, headlight on, hazard light on. Gauges: hour meter/service indicator, engine temperature gauge, fuel tank level gauge with low level lamp.
CONTROLS	Ignition switch, throttle lever, single foot-operated traction pedal, service brake with parking brake latch, switch for adjusting the height of cut.
GROUND SPEED	Transport: 0-15km/h (9.3 mph), continuously variable. Reverse: 0-10km/hr (6.2 mph)
RADIATOR	Smart Cool®. Electric with automatic or manual reversing for cleaning.
MAIN FRAME	All welded formed-steel frame
BRAKES	Service brake: Traction pedal provides dynamic braking through hydrostatic transmission. Parking brake: Foot pedal actuates drum brakes on front wheels. Foot operated lock retains pedal in actuated position.
STEERING	Rear axle with hydraulic steering. Adjustable tilt steering wheel with 2 $\frac{2}{3}$ turns lock to lock.
ELECTRICAL	55A alternator with P terminal. Battery: 12V, 55B24
INTERLOCKS	Prevents engine from starting unless traction pedal is in neutral and deck is disengaged. If operator leaves seat with deck engaged, engine stops. If operator leaves the seat with the unit out of neutral, engine stops. Engine stops if parking brake is engaged and traction pedal not in neutral.
SEAT	Low profile mechanical suspension, retractable seat belt
LIGHTS	Work and road lights standard
HYDRAULICS/COOLING	9.5 liter (2.5 gallon) capacity, fan-cooled oil cooler, high pressure cartridge filter
PTO CLUTCH	Belt-driven, Ogura electromagnetic clutch, with magnetic blade brake, powering drive shaft to gearbox on deck. Deck shuts off automatically when grass collector is full.
ROLLOVER PROTECTION	2-post standard foldable ROPS, meets ISO 21299
FUEL ECONOMY	3.9 liters/h (1 gph)
SAFETY	EN ISO 5395 (CE), ANSI B71.4-2017
CERTIFICATION	Certified to meet the CE Machinery Directive 2006/42/EC. Certified to meet Electromagnetic Compatibility Directive 2014/30/EU, Physical Agents Directive (Vibration) 2002/44/EC, Outdoor Noise Directive 2000/14/EC, and Battery Directive 2000/66/EC. Meets emissions regulations EU Stage V. Reg. Compliance Mark (RCM) AS NZS CISPR 12:2009, Canadian EMC ICES-002, EAC
WARRANTY	Two-year limited warranty. Refer to the operator's manual for further details.

### CUTTING UNIT

WIDTH OF CUT	126cm (49.6")
HEIGHT OF CUT	20-110mm (0.8-4.3"), Infinitely variable, hydraulically-adjusted, remotely controlled from operator's station
DECK CONSTRUCTION	Formed and welded deck with front bull-nose bumper.
DISCHARGE	Central grass collection.
SPINDLE ASSEMBLY	25mm diameter spindles mounted in two greaseable bearings.
CUTTER DRIVE	PTO driven gearbox with spiral bevel gears, "B" section belt drive to all spindles.
BLADES	Front: heat-treated steel; Counter-rotating: Two heat-treated blade segments per spindle, bolted to integral fan disc
BLADE TIP SPEED	80.7 m/s (15,900 ft/min) +/- 2% at 3,210 engine RPM
DECK SUSPENSION	Two caster wheels in front, lift arm links in rear
CASTOR WHEELS	Two, smooth, semi-pneumatic 9.00x3.50-4
BELT IDLER	Adjustable, spring-loaded idler
DECK SKID	Replaceable, bolt-on, non-marking UHMW skid on both sides.
DECK ANTI-SCALP ROLLERS	Front nose roller and two rear side rollers
DECK COVERS	Molded plastic with ¼ turn fasteners and retention bolt
CUTTING DECK DEPTH	114mm (4.5")
CERTIFICATION	European standard per EN ISO 5395, ANSI B71.4-2017, CE approved.
MOWING RATE	Mow up to 12,000 m <sup>2</sup> /hr (3 acres/hr)

### COLLECTION SYSTEM

VOLUME	810 liter (214 gallons)
GRASS DISTRIBUTOR	Automatic electric-powered grass distributor for level filling
FULL COLLECTOR SENSOR	Adjustable sensor detects when collector is full and disengages deck
ENGINEERED VENT	Air vent system is engineered to retain and pack clippings with minimal dust or debris discharge
CONTROLS	Separate hydraulic lift and hydraulic tip to dump. Rear door opens automatically when tipping
MAXIMUM DUMP HEIGHT	1950mm (76.8") with 300mm overhang

### DIMENSIONS & WEIGHT WITH CUTTING DECK

HEIGHT	ROPS up 2070mm (81.5"); ROPS down 1660mm (65.4")
OVERALL LENGTH	2910mm (114.6")
OVERALL WIDTH	1430mm (56.3")
WHEELBASE	1190mm (46.9")
EST. SHIPPING WEIGHT	With Cutting Deck 980kg (2160 lb), without Cutting Deck 810kg (1786 lb)

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\* 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.



**Count on it.**