

TORO

ProLine H800

Direct Collect Mower with High-Lift Collection

MORE DURABLE. MORE RELIABLE.

The ProLine H800 direct collect 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 19.2 kW (26.1 hp) engine, a large 41L fuel tank and 810L 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, a sensor alerts you, and 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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FEATURES

Less Downtime

- Toro deck with welded bull nose bumper, heavy duty caster forks and long-lasting skid protection
- Large 41L fuel tank allows for a full day of operation
- High-volume 810L hopper with 2000mm maximum dump height for easy clean up of clippings

Excellent Collection

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

- Active 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 31050

ENGINE	Yanmar; 3-cylinder, liquid-cooled, diesel. Rated Power 17.5 kW (23.8 hp) rated @ 3000 rpm, Gross Power 19.2 kW (26.1 hp) @ 3000 rpm. High idle: 3210 rpm; Displacement: 1.116 L. Remote mounted Donaldson 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: 16 x 7.5-8 turf tires.
AIR CLEANER	TBD
INSTRUMENTATION	Indicators: glow indicator, battery discharge, low engine oil pressure, blocked air cleaner, grass collector full, parking brake on, work light on, headlight on, hazard light on. Gauges: hour meter, engine temperature gauge, fuel tank level gauge.
CONTROLS	Ignition switch, throttle switch, foot-operated traction pedal with mowing speed control stop, service brake with parking brake latch, switch for raising and lowering cutting unit.
GROUND SPEED	Transport: 0-15km (9.3mph), continuously variable.
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 $\frac{3}{4}$ turns lock to lock.
ELECTRICAL	55A/with P terminal alternator. Battery: 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 engaged and traction pedal not in neutral.
SEAT	Low profile mechanical suspension, retractable seat belt
LIGHTS	Standard
HYDRAULICS/COOLING	TBD
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
FUEL ECONOMY	TBD
SAFETY	ISO EN 5395 (CE)
CERTIFICATION	Certified to meet the CE Machinery Directive. 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 IIIA.
WARRANTY	Two-year limited

CUTTING UNIT

WIDTH OF CUT	126cm (49.6")
HEIGHT OF CUT	20-100mm (0.8-3.9"), Infinitely variable, hydraulically-adjusted, remotely controlled from operator's station
DECK CONSTRUCTION	Formed and welded deck with front bull-nose bumper
DISCHARGE	Direct Grass Collection
SPINDLE ASSEMBLY	TBD
CUTTER DRIVE	TBD
BLADES	Front: heat-treated steel; Counter-rotating: Two heat-treated blade segments per spindle, bolted to integral fan disc
BLADE TIP SPEED	TBD
DECK SUSPENSION	Two caster wheels in front, lift arm links in rear
CASTOR WHEELS	TBD
BELT IDLER	TBD
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 $\frac{1}{4}$ turn fasteners and retention bolt
CUTTING DECK DEPTH	TBD
OPTIONAL ACCESSORIES	TBD
CERTIFICATION	European standard per ISO EN 5395, CE approved.
MOWING RATE	Mow up to 12,000 m ² /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 indicates 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	2000mm (78.7") with 300mm overhang

DIMENSIONS & WEIGHT WITH CUTTING DECK

HEIGHT	ROPS up 2120mm (83.5"); ROPS down 1700mm (66.9")
OVERALL LENGTH	2930mm (115.4")
OVERALL WIDTH	1340mm (52.8")
WHEELBASE	1200mm (47.2")
EST. SHIPPING WEIGHT	With Cutting Deck 930kg (2050lb), without Cutting Deck 770kg (1698lb)

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