

MORBARK® D 52 SPH STUMP GRINDER



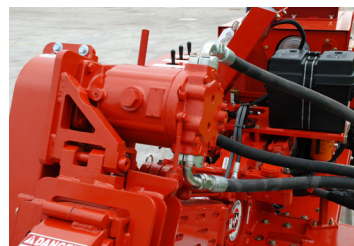
BENEFITS

- Save time and money! A proportional drive system with two-speed ground travel reaches speeds up to 290 FPM, getting you to the stump faster, and the massive 52" boom arc means less positioning at the stump.
- The D 52 SPH has the most available horsepower in its class.
- The stationary engine platform lowers machine's center of gravity, increases stability, reduces chance of engine oil starvation, increases operator visibility and operational safety, and extends engine component life.
- Piloted flange bearings increase bearing life and minimize exposure to dirt and debris.
- Like all Morbark equipment, the D 52 SPH is a long-lasting, durable machine backed by a world-class parts and service support team.



Long Boom Technology

Long Boom Technology allows maximum swing above and below grade to access hard-to-reach areas while maintaining full boom arc swing regardless of cutting depth.



Hydrostatic Drive

Hydrostatic primary drive with belt final drive provides efficient (90% power transfer) transfer of power between drive and cutting system with minimal moving components.



Boom Pivot Assembly

Heavy-duty boom pivot significantly reduces wear in critical area of the stump grinder to provide years of trouble-free service and allows for greater boom arm swing radius.



Articulating Front Axle

The articulating front axle maintains stability on uneven terrain.

SPECIFICATIONS

SPECIFICATIONS MAY VARY WITH EQUIPMENT OPTIONS 5/14/12

General

Length	10'9"–12'1"
Width (w/o dual wheels)	35"
Height	5'3"
Weight	2,720 lbs.
Engine	CAT or Perkins
Horsepower	34–49 HP
Fuel capacity	11 gallons
Hydraulic oil capacity	12 gallons
Boom arc swing	52"
Boom travel up	19"
Boom travel down	12"
Tires	(4) 5.70-8
Primary drive	Hydrostatic
Secondary drive	Poly Chain
Cutter wheel speed	1,200 RPM

Equipment Highlights

Two-speed ground travel from 0-290 FPM with (2) 24ci hydraulic drive motors
 1 3/4" diameter piloted flange cutter head bearings increase bearing life and minimize exposure to dirt and debris
 Operator's console complete with 5-up manifold configuration, electric over hydraulic valves and weather-resistant electronic toggles controlling the cutter head functions, throttle functions, high/low travel speed functions and remote on/off functions
 3" square x 1/4" thick tubular steel "I" frame construction
 8 cubic feet of chip retention with bolt-on chip containment curtain
 Unit pre-plumbed for easy installation of plow assembly

Additional Features

Hydraulic system with 2.48ci hydrostatic transmission, 8cc gear pump, 4.6ci hydraulic motor and C8 hydraulic oil cooler
 Morthane Paint System: A chemically cured, electrostatically applied urethane coating with high-gloss finish, built-in UV protection, chip and chemical resistance and corrosion protection

Options

Choice of five cutting systems: the Hillside Conventional, MultiTip, Leonardi M1 Gold, Leonardi M1 Silver and The Revolution
 Dual Wheel Package with spring-loaded Clic duals
 Hydraulic back-fill blade
 Wireless Remote Control with tethered back-up
 Fold-away boom-mounted deflect curtain located on operator's or non-operator's side
 Custom paint and logo packages



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