

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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 BUILDING EQUIPMENT THAT CREATES OPPORTUNITIES

800.831.0042
 989.866.2381
www.morbark.com

PO Box 1000
 8507 S. Winn Rd.
 Winn, MI 48896