

640 Industrial Crawler

INDUSTRIAL CRAWLER (LAND PREPARATION EQUIPMENT) > CRAWLER

INDUSTRIAL



Introducing the Barko 640 Industrial Crawler

Purpose-designed to rip its way through the most demanding right-of-way land clearing and site prep, the Barko 640 Industrial Crawler delivers FAR MORE power (hydraulic HP) to the mulcher head than any other product on the market. With its' crawler and boom reach, it does it anywhere you want it to - sloped, uneven, swampy, up hills, down hills, river banks, around utility line runs, highway right-of-ways and anywhere else rubber tired machines can't go. And, the 640 is electronically controlled (as opposed to hydraulic) giving you superior machine controllability and added features. It provides the best fuel efficiency, increased work productivity, and the lowest total cost of operation than any other product on the market. Equipped with more standard features and higher quality components than its competitors, the Barko 640 Industrial Crawler lasts longer, performs harder, and delivers the results you expect, all while using less fuel and providing more comfort. Nothing performs like a Barko. Once you buy one, you'll never want anything else.



Visit our website at:
www.barko.com
to read customer testimonials



BARKO HYDRAULICS, LLC

One Banks Avenue | Superior, WI 54880 | Ph: 715.392.5641 | Fx: 715.392.3931

WWW.BARKO.COM

640 Industrial Crawler

MULCHERS (LAND PREPARATION EQUIPMENT) > CRAWLERS

INDUSTRIAL

BOOM DATA

Main 35' 5"
 25' 0" (7.62 m)
 Stick 14' 0" (4.27 m)
 Boom structure: All welded construction with fabricated box type design. Bronze bushings with grease grooves at boom pivot points.

BOOM REACH

Based on 35' 5" (10.79 m) high truck frame.
 Gooseneck Style 35' 5"
 Horizontal 35' 5" (10.79 m)
 Vertical 27' 0" (8.23 m)
 Below Grade 16' 0" (4.87 m)

CYLINDERS

Hydraulic cylinders with wear rings on pistons and bolt on glands for extended life. All cylinders are made of heavy wall steel tubing. Induction hardened cylinder rods with heavy chrome plating.

Main boom: 7" x 51" (178 mm x 1295 mm) with 4" (102 mm) rod.
 Stick boom: 7" x 44" (178 mm x 1117 mm) with 4" (102 mm) rod.

POWER SOURCE

Cummins QSM11 10.8L diesel 400 HP (298 kw) @ 1800 RPM.
 Fuel Reservoir: 245 gallon (927 L).

HYDRAULIC SYSTEM

125 gallon (472 L) hydraulic oil reservoir with return line filter, shut off valve on pump suction line.
 Pumps: 2 variable displacement load sense piston pumps producing 114 GPM (431 LPM).
 Heavy wall tubing and multi-wire braided hose throughout system.
 Main system operating pressure 3600 PSI (24,822 KPA).
 Drive system operating pressure: 4500 PSI (31,027 KPA).
 Attachment system operating pressure up to: 5000 PSI (34,475 KPA) @ 126 GPM (476 LPM).
 Attachment pump: variable displacement piston pump producing up to 143 GPM (541 LPM) @ 4400 PSI (30,338 KPA)

SWING SYSTEM

Continuous rotation on 54" (1372 mm) internal tooth turntable bearing.
 Swing speed 9 RPM - Power transmitted through dual motors and planetary gearboxes.
 Swing Torque: 62,112 ft. lbs (100%).

OPERATOR'S CAB

F.O.P.S. certified.
 38-1/2" x 55" (978 mm x 1397 mm) forward sloping pressurized cab with sound suppression insulation.
 All windows tinted
 Lexan on all Windows.
 Air Knife.
 Adjustable suspension style seat with arm rests and 4 point harness.
 Dual joystick controls.
 Dash console with cab accessory switches and start/stop controls all located for easy access
 AM/FM CD radio.
 Hand swing control.
 Swing out door
 12 volt DC halogen cab lights on front and side of cab.
 Climate controlled heating and air conditioning.

INSTRUMENTATION

Electronic Display
 Fuel
 Engine Temperature
 Engine Oil Pressure
 Hydraulic Oil Temperature
 Engine Speed
 Voltage
 Hours
 Diagnostic Pressure Display
 Pilot Pressure
 Machine Pump Pressure
 Mulcher Accelerate Pressure
 Mulcher Braking Pressure
 Load Sense Pressure

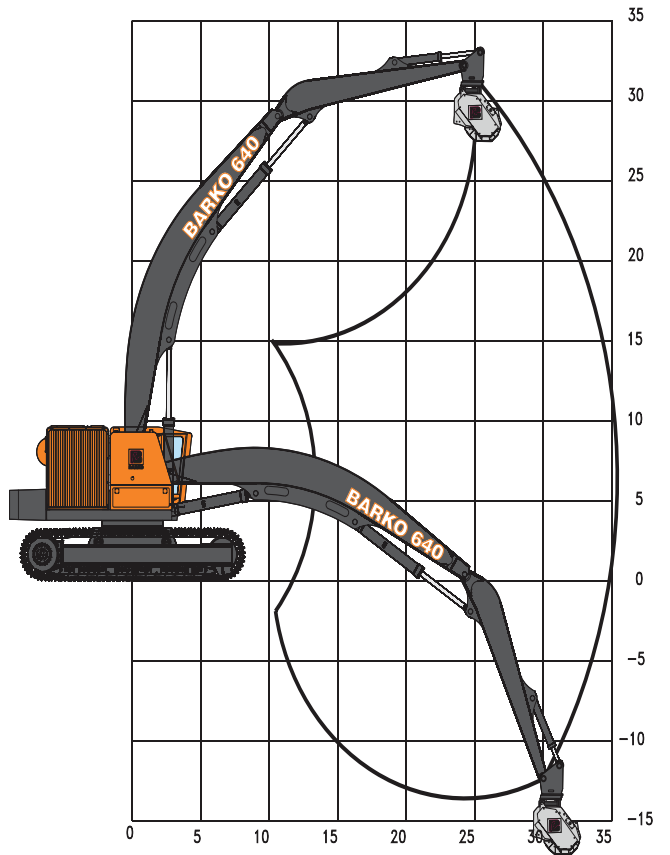
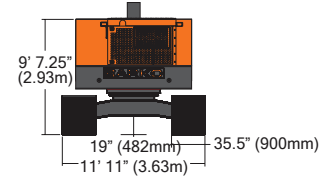
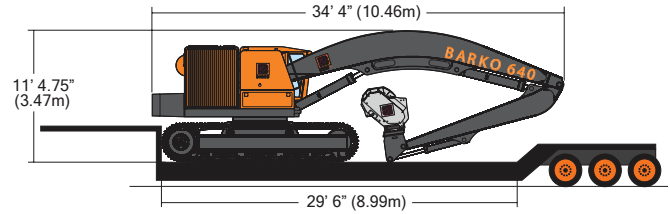
CRAWLER LOWER - HEAVY DUTY

Speed (maximum): 1.1 low 2.8 high
 Track: Barko heavy-duty (D 7 size) carbody, sealed track, lifetime lubricated rollers and idlers, hydraulic track adjusters and triple grouser pads (700 mm, 800 mm, or 900 mm) with 22 mm track bolts.
 Drive motors: two (2) variable displacement piston motors.

Brakes: Automatic multiple disc-type, spring applied hydraulics release, on each track.

MISCELLANEOUS

69,000 lbs less attachment.
 Cast steel counterweight: 13,000 lbs.
 Equipment greased and hydraulic tank filled.
 Switchable pedal direction for track control.
 12V lights on front and side of fuel tank and rear of hydraulic tank.
 Side and rear view cameras.



BARKO HYDRAULICS, LLC

One Banks Avenue | Superior, WI 54880 | Ph: 715.392.5641 | Fx: 715.392.3931 | www.barko.com