



MORBARK®



MADE FOR **MORE** TO KEEP PACE WITH **YOU**

640 LOG DEBARKER

The **Morbark 640 Debarker** is a multi-purpose debarker that can be utilized in chip plants and sawmills and will accept soft woods or hardwoods. The 640 has the speed to debark small logs and the power to debark large logs. With adjustable front and back yoke assemblies, the operator can properly center either large- or small-diameter sawlogs on the center of the cutterhead. The hydraulic system has been engineered with proper reliefs to reduce or eliminate shock load to all working parts of the machine helping to keep downtime and maintenance costs to a minimum. The trough-type infeed and outfeed conveyors are variable in length up to 80' (24.38 m), and the all-steel infeed conveyor is fabricated from 0.6" (1.6 cm) formed plate steel with 0.4" (0.95 cm) gussets and is equipped with Morbark's exclusive all-steel welded track-type chain.

FEATURES AND BENEFITS

- 25' (7.6 m) trough-type infeed conveyor with WD-110 chain and hydraulic drive; heavy-duty log stops
- 25' (7.6 m) trough-type outfeed conveyor with WD-110 chain and hydraulic drive and one set of manually operated 3-arm kickers
- Front yoke set at 10°
- Hydraulic shoe for bark removal depth
- Hydraulic top wheel and back wheel are adjustable
- Table lock assembly

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MORBARK® 640 LOG DEBARKER SPECIFICATIONS

GENERAL	US	METRIC
Length (with infeed and outfeed sections)	53'1"	16.2 m
Width (debarker section)	11'6"	3.5 m
Height (debarker section)	8'10"	2.69 m
Weight (debarker section)	14,000 lb	6350 kg
Infeed weight (standard)	8,000 lb	3629 kg
Outfeed weight (standard)	7,000 lb	3175 kg
Capacity (diameter range)	6" – 40" diameter	15.2 cm – 101.6 cm
Production rate	up to 100 lineal feet/minute	up to 30.48 m/min
Engine	Electric or diesel	
Horsepower (electric)	50 hp, 75 hp, or 100 hp	37.3 kW, 55.9 kW, or 74.6 kW
Horsepower (diesel)	185 hp	138 kW
Auxiliary power	50 hp	37.3 kW

OPTIONS INCLUDE

- Longer or shorter infeed with 13" (33 cm) track-type chain
- Longer or shorter outfeed with WD-110 chain
- 25' (7.6 m) trough outfeed conveyor with 19" (48.3 cm) track-type chain in lieu of standard
- 25' (7.6 m) trough infeed conveyor with 19" (48.3 cm) track-type chain in lieu of standard
- Longer or shorter infeed and outfeed conveyors with 19" track chain
- 10,000 Series conveyor drive in lieu of standard
- 13" x 0.8" (33 cm x 1.9 cm) UHMW Duralite wear strip for infeed and outfeed conveyors
- 19" x 0.8" (48.3 cm x 1.9 cm) UHMW Duralite wear strip for infeed and outfeed conveyors
- Hydraulic oil temperature and level control
- Hydraulic oil tank heater
- All-weather operator's cab. Cab is 54" wide x 58" x long x 6'8" tall (137.2 cm x 147.3 cm x 2 m) and includes two side sliding windows for cross ventilation
- Side-mounted combination air conditioner/heater unit for cab enclosure
- Heavy-duty underneath bark auger
- Hoses are provided to position operator's console approximately 4' (1.2 m) from the debarker center section. Cab positions requiring longer hoses are available.
- Center Section ONLY, complete with all standard equipment
- 16° Yoke setting for high speed debarking up to 20" (50.8 cm) diameter logs
- Hydraulic powered raise and lower of outfeed conveyor
- Veneer package: 6° top yoke, Veneer cutterhead and table, modified back and top wheels
- Morbark Old-Style Cutterhead, in lieu of standard
- 0.5 (1.3 cm) panning in lieu of 0.6" (1.6 cm)
- Additional 3-arm manual kickers
- 4-arm manual with dual cylinder
- Additional 4-arm manual kickers

Specifications may vary with equipment options

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