



**MORBARK®**



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

**642/648**

**ROSSERHEAD  
DEBARKER**

The **Morbark Rosserhead Debarker** incorporates the best features found on the market today, all in one heavy-duty unit. Among those features are hydraulically controlled down pressure on the debarking head, hydraulically controlled carriage, deluxe operator's cab and hydraulically controlled tapered depth shoes. The hydraulic system is capable of handling additional equipment such as live decks, waste conveyors, log troughs and metal detectors.

**FEATURES AND BENEFITS**

- 30-hp (22.4 kW) TEFC hydraulic unit with 112-gallon (424 L) tank and double pump with variable speed control for log rotation and carriage reverse
- Hydraulic raise and lower debarking head control with accumulator and adjustable down pressure
- Dual tapered depth shoes, hydraulically adjustable

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# MORBARK® 642/648 ROSSERHEAD SPECIFICATIONS

GENERAL	US	METRIC
Capacity (diameter range) – 642	6" – 42"	15.2 cm – 106.7 cm
Capacity (diameter range) – 648	6" – 48"	15.2 cm – 121.9 cm
Debarking head	6-section, 42 teeth, 15" (38.1 cm) diameter	
Debarking head drive motor	50-hp (37.3 kW) TEFC double end	
V-belt drive	C-section Gripnotch belts	
Frame construction	12" WFB & 8" WFB	30.5 cm and 20.3 cm
Controls	control console, separate from machine	
Log rotation wheels, 6 sets	25" diameter, 2" thick	63.5 cm diameter, 5.1 cm thick
Log rotation shafts	3.4" with Anson bearings	8.7 cm
Log kicker arms (6)	1.5" thick on a 3.4" shaft	3.8 cm thick on a 8.7 cm shaft
Kicker cylinders (2)	3" diameter hydraulic	7.6 cm diameter
Carriage drive	2000 series hydraulic 100 H roller chain	
Carriage speed	0-250 FPM	0-76.2 m/min
Bull wheel drive	variable hydraulic, 10,000 series hydraulic motor with adjustable chain tightener	
Rotating speed	0-50 RPM	
Machine weight – 642	24,060 lb (642)	10913 kg
Machine weight – 648	26,320 lb (648)	11938 kg

## OPTIONS INCLUDE

- 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
- Hydraulics for trough conveyors and metal detectors
- Bark conveyors
- Left-hand construction
- Controls console mounted to debarker frame
- Side-mounted combination air conditioner/heater unit
- 12" (30.48 cm) debarking head
- 40-hp (29.8 kW) debarking head drive motor
- Leg package consisting of (13) 26" (66 cm) long legs for an infeed height of 63" (160 cm) to the top of the bull wheels
- Additional height (to a maximum leg length of 48"/121.9 cm)
- Oil tank heater
- Longer or shorter length includes one set of two wheels
- Pantograph in lieu of festooning
- Hydraulic motor on cutterhead in lieu of electric with pumps to operate all functions on debarker shipped loose to be mounted to customer's engine and hydraulic tank; includes Pantograph and all hosing and tubing from debarker to control console
- Diesel engine and hydraulic unit

Specifications may vary with equipment options

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