

DEBARKERS



***Quality Engineering,
Rugged Construction,
Dependable Sawmill Equipment.***



HMC Debarkers *Often Copied, Never Equaled!*

HMC has long been known as a pioneer in the development of rosserhead debarkers. Four models are available to suit most production requirements with log diameter ranges of 6" – 36", 7" – 42", 8" – 48", and 10" – 54".

All HMC debarkers feature slant track design to eliminate log hangup as the logs are kicked out following debarking. Operator controls incorporate variable speed hydraulics on the log rotation and debarking carriage for smooth and responsive control.

The heavy duty pivot assembly is standard equipment on all HMC debarkers. This feature eliminates pivot shaft stress during the debarking operation. The pivoting of the head up and down is done on a pivot tube with the drive shaft passing through the inside diameter of the tube to drive the head belts. This design eliminates pivot shaft problems associated with sideload stress from the debarking process.

A variety of head options is available to meet debarking requirements. Standard 12" wide heads may be upgraded to hammerheads, or for high production requirements, 16" wide hammerheads. Cutting bits are available for different log species and seasonal changes, and include winter and summer carbide cutters, weld-up cutters, along with alloy cutters and basswood/hickory cutters for long stringy species.



Pictured is V-2110 debarker with optional deluxe cab



HMC offers an optional deluxe cab complete with insulation, heat, air conditioning and automotive safety glass. All operating controls have been conveniently arranged to increase productivity and lessen operator fatigue. The cab is typically offset from the debarker frame to give a better view of the debarking process as well as infeed and outfeed decks or log troughs.

Double Headed Debarker Option

The HMC double headed debarker is designed to eliminate knots and butt swells while conserving fiber with the same basic debarker. With this model a second debarker deck is attached to the standard deck and equipped with aggressive carbide cutters and a lock on the head tube. When needed it is used to grind knots and butt flares, otherwise the primary head is used for routine debarking use.



A second debarker head is ideal for grinding knots and butt flares, while the primary head is used for routine debarking.



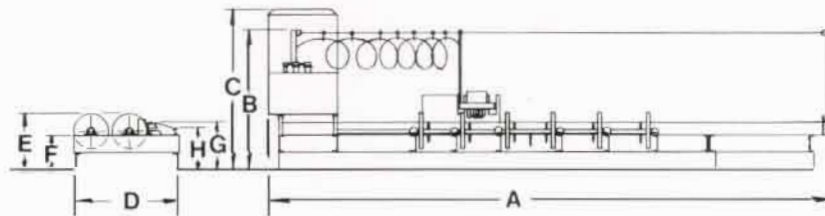
HMC Debarkers feature slant track design, heavy duty pivot assembly, and a host of design features that makes them rugged, reliable and cost effective.



Options

- Left hand construction
- Two 8" diameter kicker cylinders
- 40, 50 or 60 HP barking head motor with 15" diameter x 16" wide head
- Hummerhead: 15" diameter x 12" wide or 15" diameter x 16" wide head
- Standard or 5' x 6' deluxe cab
- Up pressure on head
- Double head design on V-2110 and V-2120
- WC-3 bark conveyor

SPECIFICATIONS	HMC V206	HMC V216	HMC V2110	HMC V2120
Log Diameter Range	6" – 36"	7" – 42"	8" – 48" 10" – 54" optional	10" – 54"
Maximum Log Length	20', will pass 24'	20', will pass 24'	20', will pass 24'	20', will pass 24'
Debarking Head	6 section 12" diameter with 24 teeth	6 section 12" diameter with 24 teeth	6 section 15" diameter with 24 teeth	6 section 15" diameter with 24 teeth
Debarking Head Assembly	30 HP electric TEFC motor	40 HP electric TEFC motor	50 HP electric TEFC motor	60 HP electric TEFC motor
V-Belt Drive	3C section 5.2 PD Sheaves	3C section 5.2 PD Sheaves	4C section 7.0 PD Sheaves	4C section 7.0 PD Sheaves
Frame Construction Base Cross Members	12" Channel 12" Channel	12" Channel 12" WFB	12" WFB 8" WFB	12" WFB 8" WFB
Controls	Stand-up	Sit-down	Sit-down	Sit-down
Log Rotation Wheels	6 sets – 25" diameter	6 sets – 25" diameter	6 sets – 25" diameter	6 sets – 25" diameter
Log Rotation Shafts	2-15/16" diameter with babbit bearings	3-7/16" diameter with babbit bearings	3-15/16" diameter with Urethane bearings	4-7/16" diameter with Urethane bearings
Log Kickers Arms	6- 1" thick arms on 2-7/16 shafts	6- 1" thick arms on 2-15/16 shafts	6- 1-1/2" thick arms on 3-7/16 shafts	6- 1-1/2" thick arms on 3-7/16 shafts
Log Kicker Cylinder	8" diameter with solenoid control	8" diameter with solenoid control	2 – 6" diameter with solenoid control	2 – 8" diameter with solenoid control
Hydraulic Traverse and Log Rotation	10 HP TEFC	15 HP TEFC	25 HP TEFC	30 HP TEFC
Machine Size	32'10" L, 7'4" W, 8' H	32'10" L, 7'4" W, 8' H	36' L, 8'10" W, 7'8" H	36' L, 8'10" W, 7'8" H
Air Requirements	20 CFM @ 100 PSI	20 CFM @ 100 PSI	50 CFM @ 100 PSI	50 CFM @ 100 PSI
Heavy Duty Pivot Assembly	Standard	Standard	Standard	Standard
	A 32'-10" B 8'-0" C 9'-3 1/4" D 6'-0" E 43 3/8" F 39" G 33 1/4" H 28 3/4"	A 32'-10" B 8'-0" C 9'-3 1/4" D 6'-0" E 39" F 39" G 32 3/4" H 28 3/4"	A 36' B 7'-8" C 9'-7 1/8" D 7'-2" E 37 1/4" F 37 1/4" G 31 1/4" H 25 1/4"	A 36' B 7'-8" C 9'-7 1/8" D 7'-2" E 37 1/4" F 37 1/4" G 31 1/4" H 25 1/4"



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