

Debarkers

Primary Breakdown

Secondary Breakdown

Lumber Handling

Planing Systems

Residual Processing

CAMBIO DEBARKER

Machinery

Cambio Ring Debarker

18" - 24" - 30"



Heavy Duty Construction

The Cambio is designed and built to stand up to the rigors of high-volume production. The frame is constructed from 3/4" and 1" thick steel for strength, rigidity, and mass: the 30" machine weighs in at an impressive 22,500 lbs.

Excellent Performance

If you need a flexible debarker, look no further than the USNR Cambio model. Cambio debarkers are reliable for logs as small as 6 ft in length and 2" in diameter, and for logs up to 30" in diameter, depending on the model. This range gives you outstanding debarking performance for a wide range of log sizes going through your mill.

Outstanding Value

The Cambio debarker will give your operation an edge over the competition: you get the performance you need at the price you want!

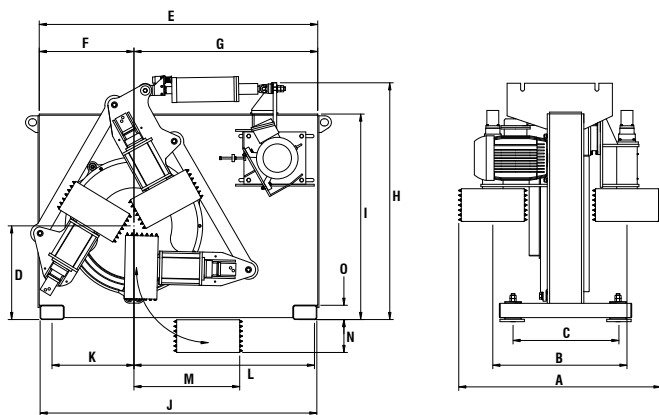
Cambio Ring Debarker

Design Features

- ▶ Choose from electrical-mechanical or individual hydraulic drives to power the spiked feed rolls
- ▶ Low maintenance grease-lubricated rotor with an adjustable ball bearing assembly
- ▶ Effective log feed system has self-opening and automatically centering spiked feed rolls
- ▶ Large diameter conical shafts and vibration-proof taper-mounted feed rolls facilitate installation and provide long service life
- ▶ Feed roll locking mechanism for safe and quick rotor access; easily accessed components for preventative maintenance and repair

Pneumatic Tool Tensioning

- ▶ The air bag tensioning system reacts faster than conventional systems using rubber tension bands, enabling each knife to follow the irregular contours of the log
- ▶ Highly responsive pneumatic system allows the debarker tools to open easily and with minimal tool bounce; with less force needed to open tool arms, excellent results can be obtained with small logs, at the same time prolonging the tools' useful life
- ▶ Low pressure, pneumatically linked air bags provide uniform tool pressure and respond rapidly with minimal fiber damage



Cambio Model	18"	24"	30"
Feed speed ⁽¹⁾ – mechanical drive	250	250	200
Feed speed ⁽¹⁾ – hydraulic drive	250	220	200
Minimum log length/diameter	5' long, 2" diam.	6' long, 3" diam.	7' long, 3½" diam.
Rotor drive motor	50 – 75 HP	75 HP	75 HP
Approximate weight	8,000 lbs 3,600 kg	20,000 lbs 9,100 kg	22,500 lbs 10,200 kg

(1) Feed speed in feet per minute is nominal (varies depending on the application).



18" model with mechanical feedroll drive.



Detail of air-bag tensioning system.

Model	A	B	C	D	E
18"	53 3/4	35 1/8	23 5/8	26 1/4	95 1/4
24"	82 1/4	51	44	38 1/8	120
30"	84 1/8	56 1/2	44 1/8	40 1/8	118 1/2

Model	F	G	H	I	J
18"	26 3/16	48 1/2	68 1/2	55 5/8	74 5/8
24"	44 5/8	75 3/8	89 1/2	76 1/2	120
30"	40	78 1/2	97 1/4	83 5/8	118 1/2

Model	K	L	M	N	O
18"	22 3/4	45 1/8	30	11 11/16	5 1/4
24"	30 7/8	61 5/8	40	13 3/8	7 1/2
30"	34 7/16	71 7/8	45 1/2	19 1/2	7 1/2

CAMBIO RING DEBARKER

Rugged – Dependable – Economical

Millwide. Worldwide.

USNR