

Fuji King Debarker

The Fuji King Debarker utilizes rotary action that creates a unique combination of mechanical and log-to-log contact to efficiently remove bark from logs of all shapes and species. The result is cleanly debarked logs with little fiber loss from difficult and widely varying furnish in all operating conditions.



Tight tolerances between the debarking blocks and comb teeth ensure maximum retention of useable fiber

Design

The Fuji King Debarker offers considerable benefit over other technologies with features that ensure a high degree of fiber retention. The new Quick Change debarking blocks reduce the time required to change blocks for machine tuning and maintenance.

Control with Flexibility

The Fuji King Debarker provides flexibility. The rotor speed is variable, the debarking plates are detachable, and the furnish height, out-feed rate, and dwell times are adjustable. The modular design ensures the system can be sized to fit the specific requirements of any operation.

Features

- Patented rotor comb to expel bark
- Fixed side wall and center comb debarking plates
- Quick Change™ debarking blocks
- Modular, heavy-duty design
- Inclined abrasive plates

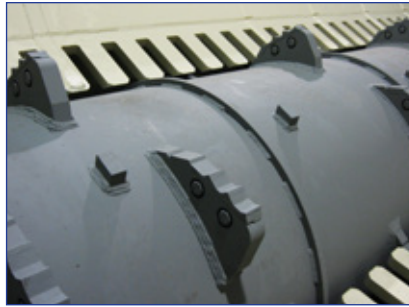
Benefits

- Complete separation of bark from wood stream
- Easily handles tough species and frozen conditions
- Block change time minimized
- Maximum durability and operating life
- Application flexibility, minimal fiber loss

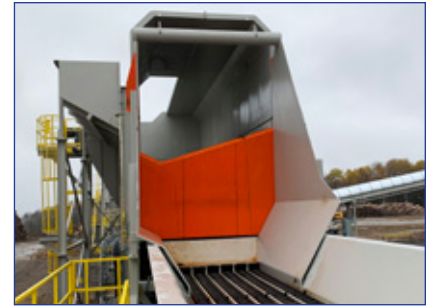
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Fast Facts

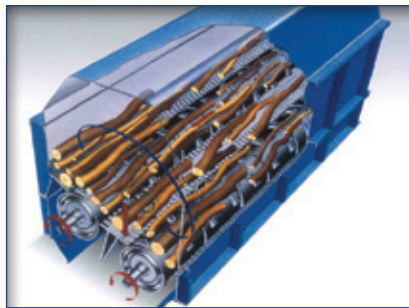
- Over 300 units installed worldwide
- Developed in Japan more than 30 years ago
- In use at pulp mills, OSB plants, chip plants, pellet plants, and mobile chipping facilities
- QC2 debarking blocks allow the customer to quickly change the abrasive blocks when worn or to adjust block profile for changing conditions
- Various debarking plate profiles to suit variations in species, moisture content, season, and age of wood



Bolt-on QC2 debarking blocks



Hydraulically powered outfeed gate controls log dwell time



Designed to maximize log pile agitation and rotation



The modular design is scalable to a wide range of capabilities

	Model Number	No. of Modules	Overall Width	Height	Drive	Weight
METRIC	KD4/20DT	1 x 6 m	2.5 m	5.2 m	60 kW	18,200 kg
IMPERIAL		1 x 20 ft	8ft 2in	17 ft	45 hp	40,100 lbs
METRIC	KD4/30DT	1 x 9 m	2.5 m	5.2 m	75 kW	27,300 kg
IMPERIAL		1 x 30 ft	8ft 2in	17 ft	55 hp	60,200 lbs
METRIC	KD6/30DT	1 x 9 m	3.2 m	6.9 m	125 kW	40,900 kg
IMPERIAL		1 x 30 ft	10ft 6in	22ft 8in	90 hp	90,200 lbs
METRIC	KD6/40DT	1 x 12 m	3.2 m	6.9 m	200 kW	59,000 kg
IMPERIAL		1 x 40 ft	10ft 6in	22ft 8in	150 hp	130,100 lbs
METRIC	KD8/30DT	1 x 9 m	3.7 m	8.0 m	200 kW	54,600 kg
IMPERIAL		1 x 30 ft	12ft 2in	26ft 3in	150 hp	120,400 lbs
METRIC	KD8/40DT	1 x 12 m	3.7 m	8.0 m	250 kW	72,600 kg
IMPERIAL		1 x 40 ft	12ft 2in	26ft 3in	185 hp	160,100 lbs

The Fuji King Debarker is patented in several countries, including the United States and Canada, and is manufactured in North America by Kadant Carmanah Division under license from Fuji Kogyo Co. Ltd.

Dimensions are for reference only and subject to change

www.kadantcarmanah.com

Kadant Carmanah is a global supplier of high-value, critical components and engineered systems used in process industries worldwide

KADANT CARMANAH DESIGN
Unit #8 - 15050 - 54A Avenue
Surrey, BC, Canada V3S 5X7

KADANT | Carmanah

Tel: +1 604-299-3431 Email: info.carmanah@kadant.com

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