

# Fuji King Debarker

## Overview

### Applications

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.

### 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



## 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

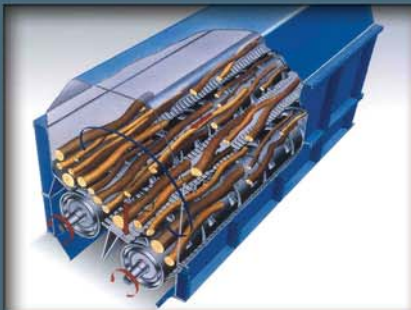
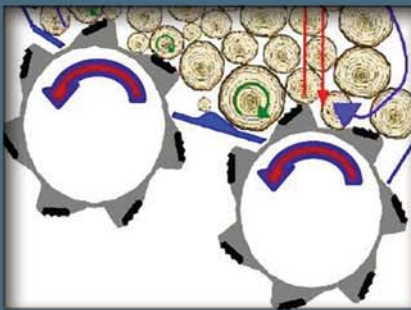
The Fuji King Debarker provides flexibility. The rotor speed is variable, the debarking plates are detachable, and the furnish height, out-feed rate, and dwell times are adjustable. The modular design ensures the system can be sized to fit the specific requirements of any operation.



## Fast facts

- ▶ Over 200 units installed worldwide
- ▶ Developed in Japan more than 20 years ago
- ▶ In use at pulp mills, OSB plants, chip plants and mobile chipping facilities
- ▶ Quick Change 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

# FUJI KING DEBARKER



Model Number	Number of Modules	Overall Width	Height	Drive Kw	Weight Kg
KD4/20DT	1 x 6 m	2.5 m	5.2 m	45	18,180
KD4/30DT	1 x 9 m	2.5 m	5.2 m	56	27,300
KD6/20DT	1 x 6 m	3.2 m	6.9 m	75	27,300
KD6/30DT	1 x 9 m	3.2 m	6.9 m	93	40,900
KD8/20DT	1 x 6 m	3.7 m	8.0 m	112	36,400
KD8/30DT	1 x 9 m	3.7 m	8.0 m	150	54,600

*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.*

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