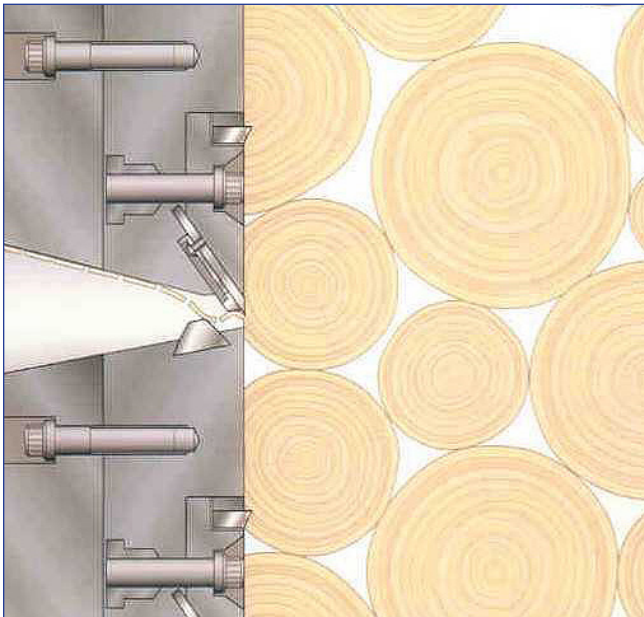
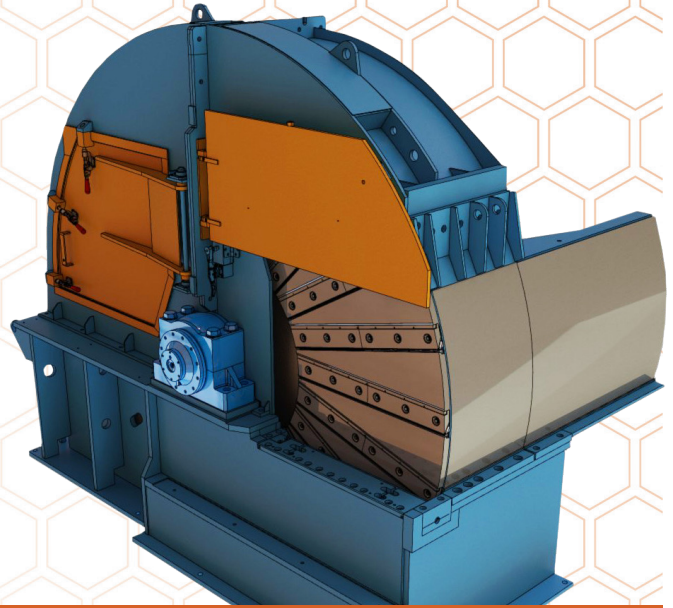
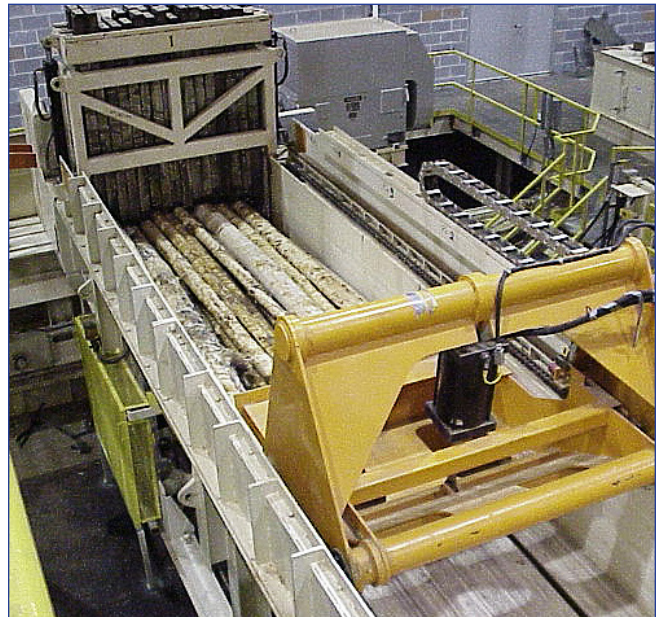


SmartDISC Strander

Available in 24-knife and 30-knife disc systems, the SmartDISC Strander cuts tree length or batch fed logs into strands for OSB production. Logs are clamped in place while the carriage mounted Strander extends into the cutting chamber. Knives mounted on the face of the disc strand the logs contained within the chamber.



Typical stranding action.



Batch feeding logs into a SmartDISC Strander.

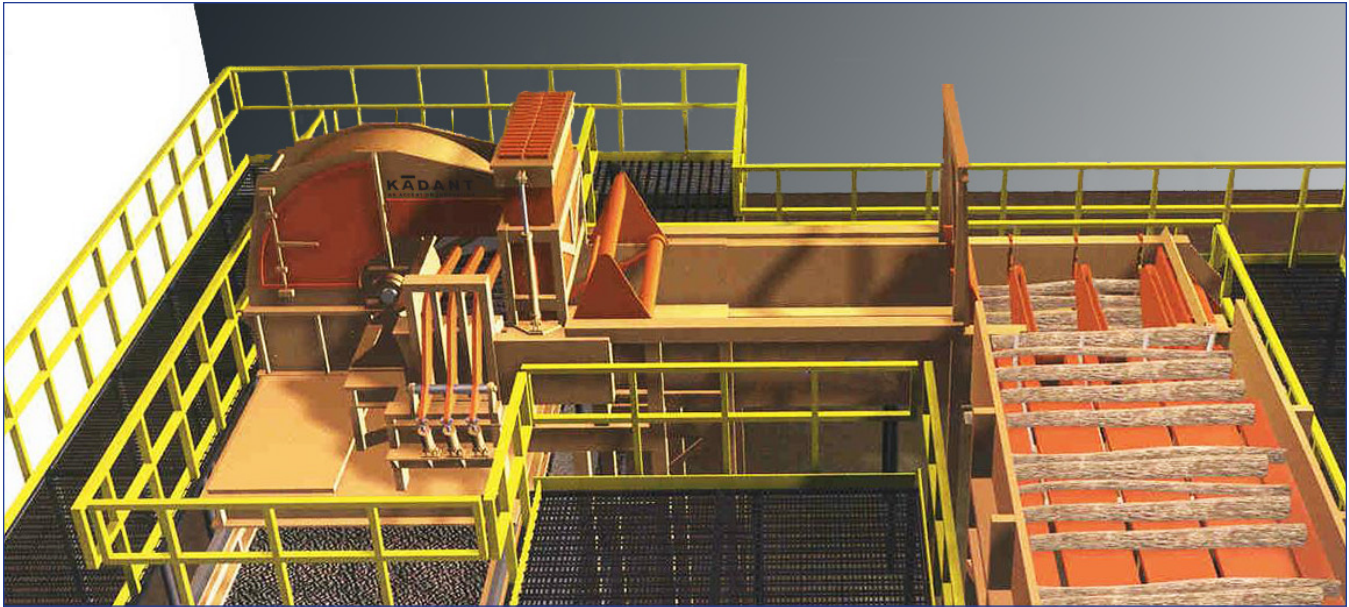
Features

- Patented Automated Cutting Speed Feedback
- Patented Disposable Knife System
- Automated Safety Anvil Sensor
- Automated Batch Feeder Sequencing

Benefits

- Consistent strand quality from real time motion adjustment
- Increased knife life and improved strand thickness
- Maximize the safety of the machine
- Maximize efficiency

SmartDISC Strander



SmartDISC Strander with automated batch feeder and log clamping systems.

Cycle Times in Seconds for 0.65mm Thick Strand					
Model No.	Load	Clamp	Cutting	Return	TOTAL
37/118-24	2.5	2.0	17.7	4.4	26.6
37/118-30	2.5	2.0	14.9	4.4	23.8

Machine Specifications								
	Model No.	No. of Cutting Knives	Disc & Assembly Weight	Disc Speed	Disc & Arbor Rotating Inertia (wk ²)	Motor Size*	Drive Type	Weight
METRIC	37/118-24	2 knives in each of 24 pockets	7,700 kg	400 rpm	6,100 kg-m ²	550 kW to 750 kW	Power Band V-Belts	38,000 kg
IMPERIAL			17,000 lbs		144,800 lb-ft ²	740 hp to 1,000 hp		83,800 lbs
METRIC	37/118-30	2 knives in each of 30 pockets	11,000 kg	400 rpm	8,500 kg-m ²	750 kW to 950 kW	Power Band V-Belts	42,500 kg
IMPERIAL			24,300 lbs		201,800 lb-ft ²	1,000 hp to 1,275 hp		93,700 lbs

*Motor size depends on species of wood; consult Kadant Carmanah for more information.

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

SmartDISC Strander-1001 (US) 04/2022
Replaces all previous versions
©2022 Kadant Carmanah Design