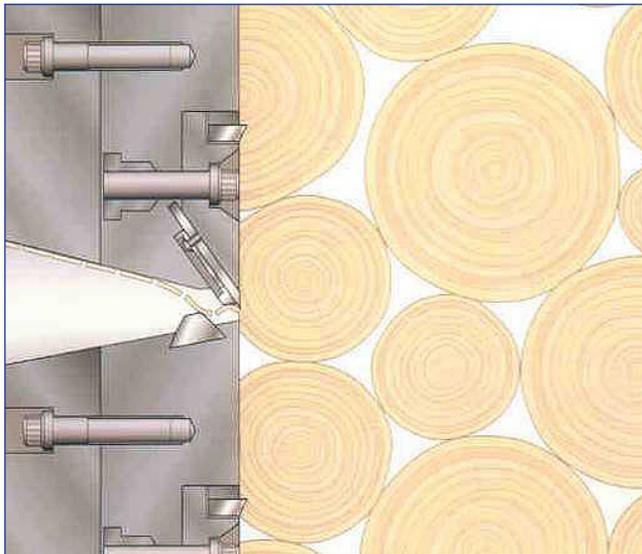
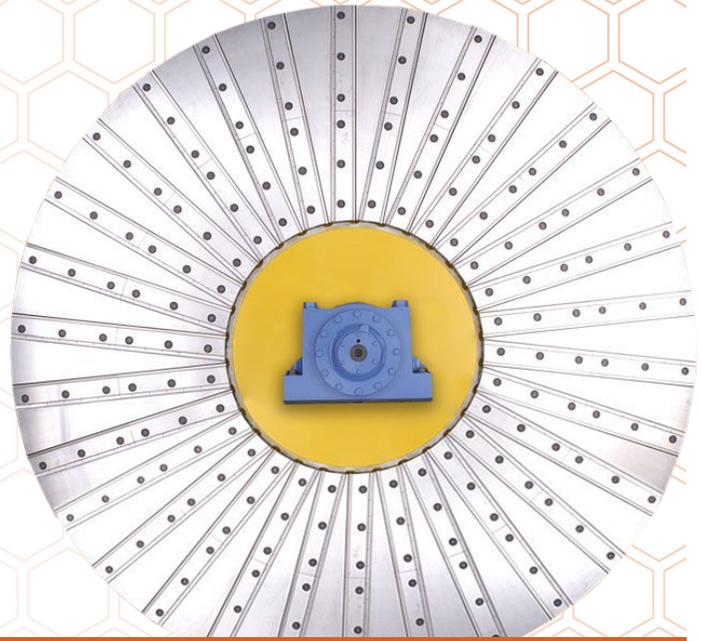


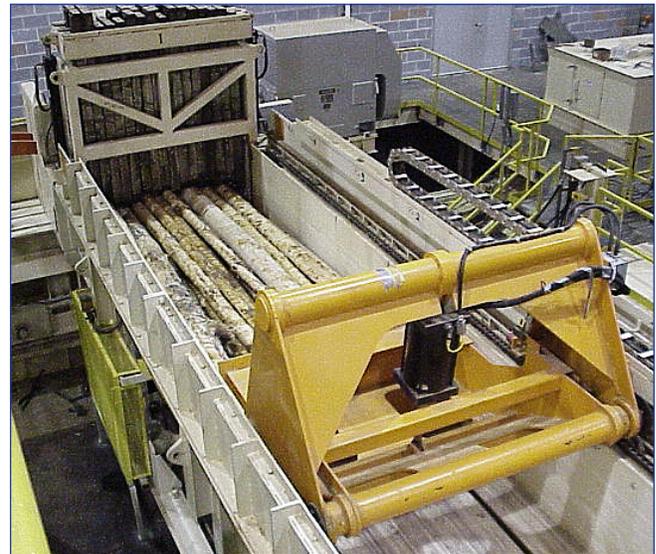
# SmartDISC Strander

## 30-Knife Upgrade

The 37/118 30-knife SmartDISC Strander provides an increase in stranding production over the 24-knife disc system – delivering up to 14% more capacity. Existing 24-knife SmartDISC Stranders can easily be retrofitted to incorporate the 30-knife SmartDISC system.



*Typical stranding action.*



*Batch feeding logs into a SmartDISC Strander.*

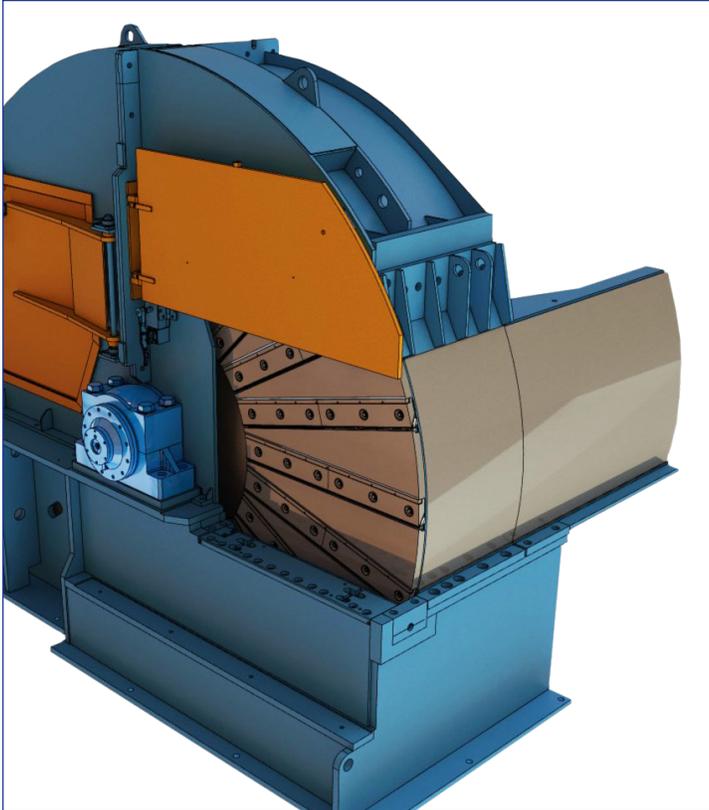
### Features

- 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 30-Knife Upgrade



The 37/118 30-knife SmartDISC Strander delivers up to 14% more capacity than the 24-knife SmartDISC system.

## 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	<b>26.6</b>
37/118-30	2.5	2.0	14.9	4.4	<b>23.8</b>

## Machine Specifications

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

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

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Replaces all previous versions  
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