



**CARMANAH**  
Design and Manufacturing Inc.

# 37/118 SmartDISC Strander - 24 Knife

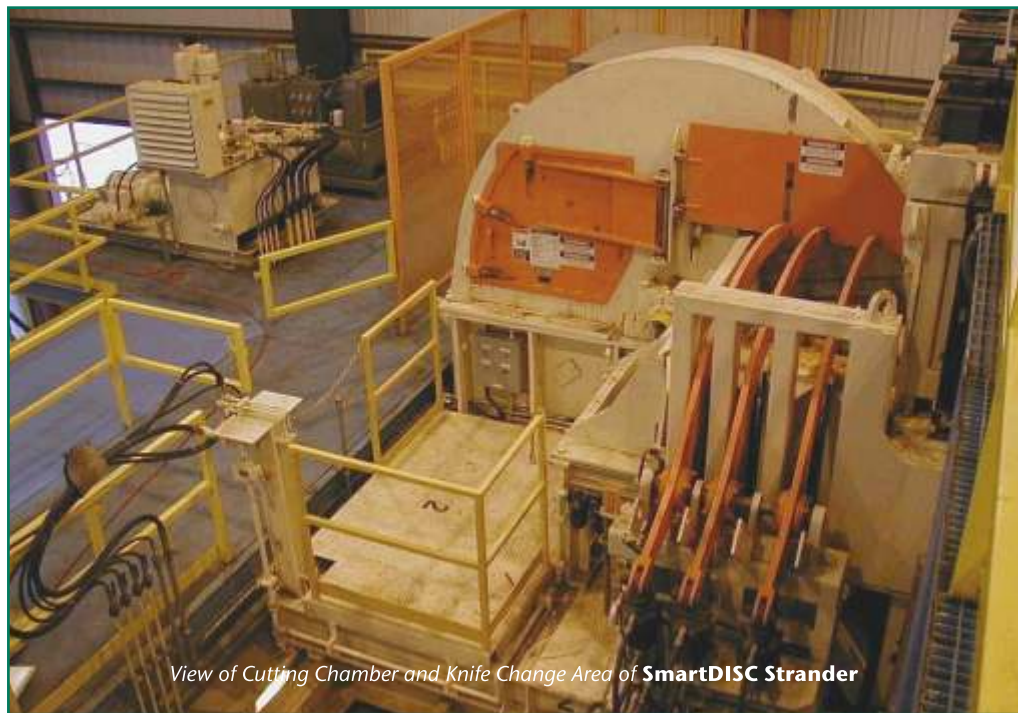
The **SmartDISC Strander** cuts tree length or shorter logs into Strands for Oriented Strand Board (OSB) production.



*View of Cutting Disc*



*Batch Feeding Logs into SmartDISC Strander*



*View of Cutting Chamber and Knife Change Area of SmartDISC Strander*

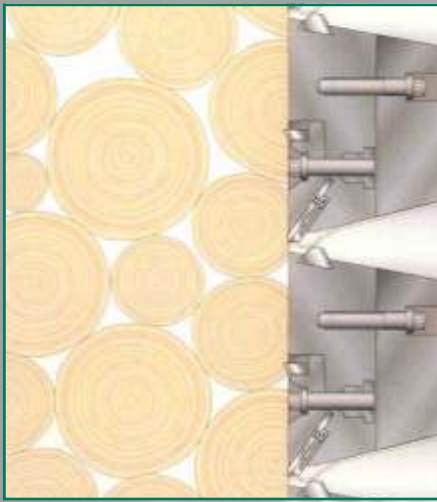
## FEATURING:

- S**trand
- M**anagement
- A**ccomplished in
- R**eal
- T**ime

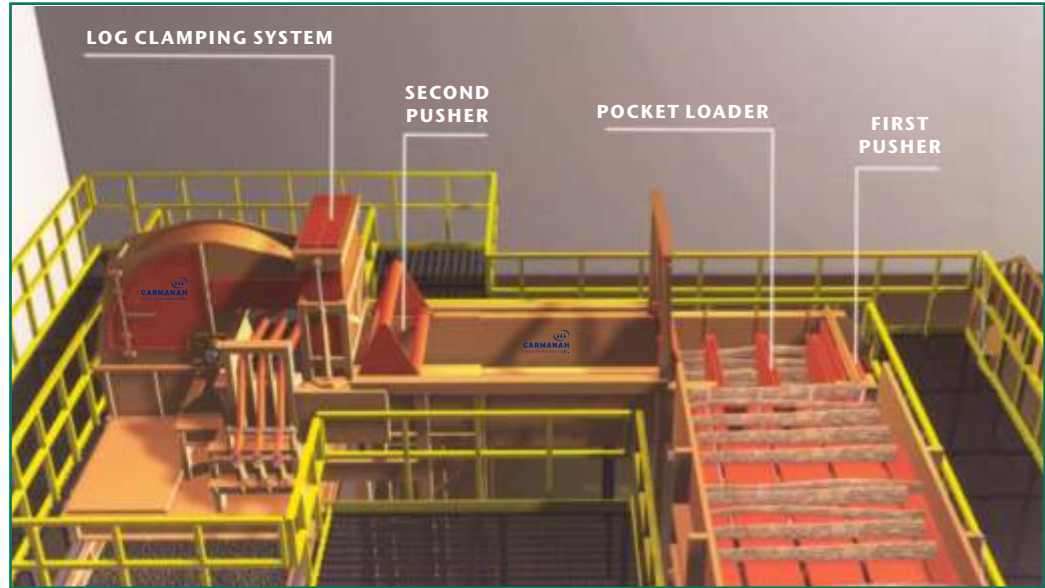
## SMART FEATURES INCLUDE:

- Patented Automated Cutting Speed Feedback
- Patented Disposable Knife System
- Automated Safety Anvil sensor
- Patented -Automated Knife Projection Monitoring System
- Automated Batch Feeder Sequencing

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Typical Stranding Action



## 37/118 SmartDISC Strander - 24 Knife

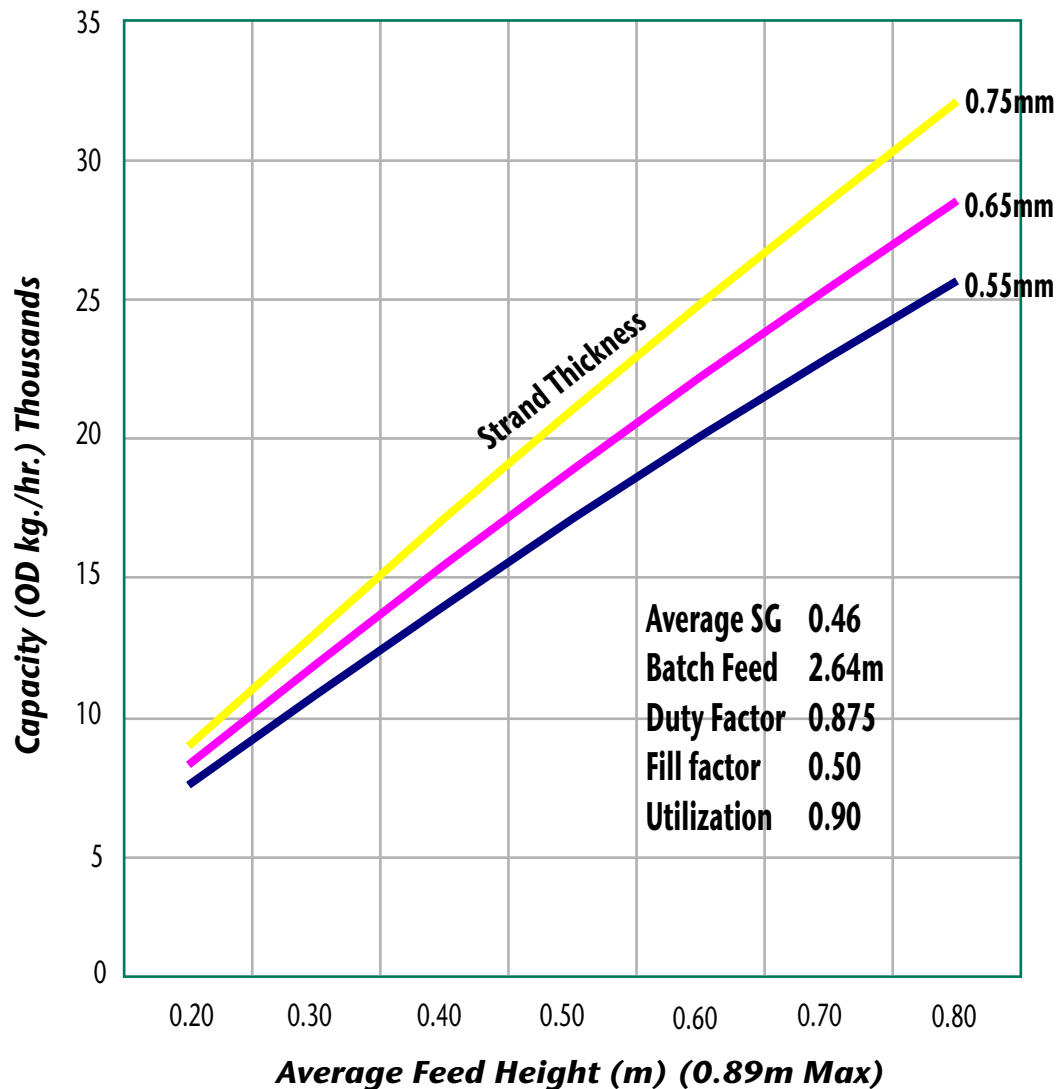
Cycle Times in Seconds for  
0.65mm Thick Strand

Load	2.5
Clamp	2.0
Cutting	17.7
Return	4.4
Total	26.6

## MACHINE SPECIFICATIONS

<b>No. cutting knives:</b>	2 knives in each of 24 pockets
<b>Disc &amp; Assembly wt:</b>	7 700 kg
<b>Disc rpm:</b>	400 rpm
<b>Disc and arbor wk<sup>2</sup>:</b>	6 100 kg m <sup>2</sup> @ disc rpm
<b>Motor Size:</b>	550 KW Pine to 750 KW hardwoods
<b>Drive Type:</b>	V-belts
<b>App. Total wt:</b>	38 000kg

## Carmanah 37/118 SmartDISC 24 Knife Typical Capacity - Pine



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