



CARMANAH
Design and Manufacturing Inc.

28/59 SmartRING Strander

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



View of Cutting Ring



Batch feeding logs using grapple to feed SmartRING Strander



View of SmartRING Strander

FEATURING:

Strand
Management
Accomplished in
Real
Time

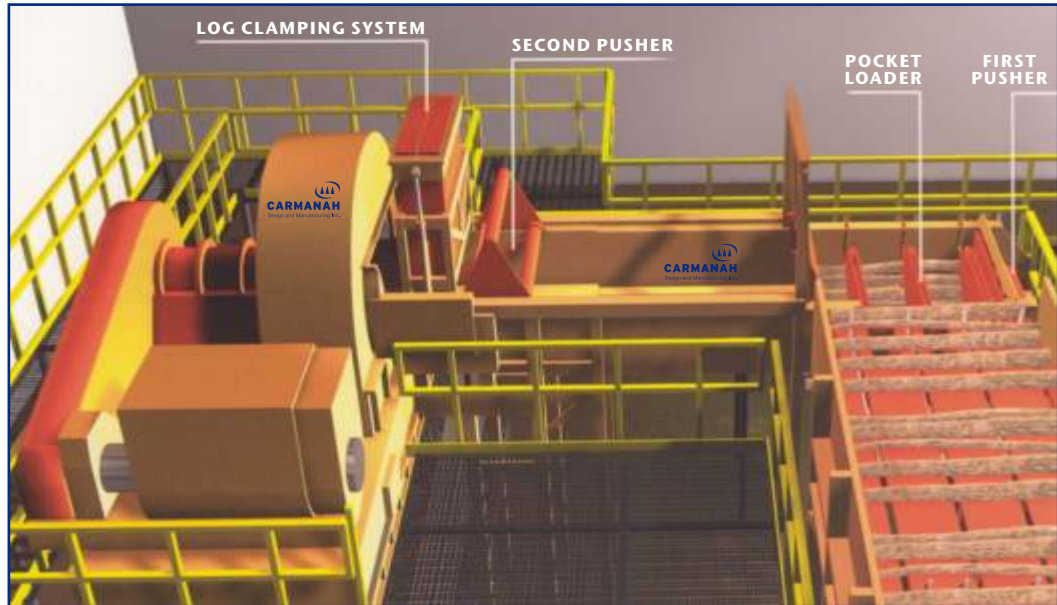
SMART FEATURES INCLUDE:

- Patented Automated Cutting Speed Feedback
- Patented Ring Removal
- Automated Knife Clamping / Releasing and Removal
- Patented Disposable Knife System
- Automated Safety Anvil sensor
- Patented Automated Knife Projection Monitoring System
- Automated Batch Feeder Sequencing

28/59 SmartRING Strander



Typical Stranding Action



28/59 SmartRING Cycle Times in Seconds for 0.65mm Thick Strand

Load	2.1
Clamp	1.5
Cutting	8.8
Return	3.0
Total	15.3

MACHINE SPECIFICATIONS

No. cutting knives:	32 knives
Ring & Assembly wt:	5 500 kg
Ring rpm:	450 rpm
Ring and arbor wk²:	8 850 kg m ² @ ring rpm
Motor Size:	550 KW Pine to 750 KW hardwoods
Drive Type:	Power band v-belts
App. Total wt:	36 500kg



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Carmanah 28/59 SmartRING Typical Capacity - Pine

