



CARMANAH
Design and Manufacturing Inc.

28/81 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:

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

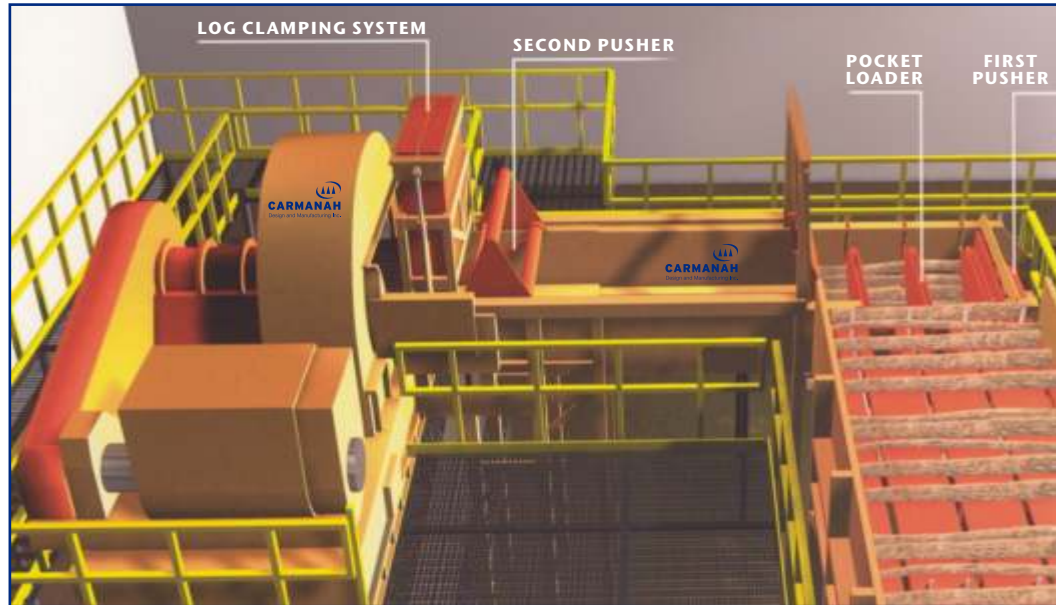
SMART FEATURES INCLUDE:

- 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

28/81 SmartRING Strander



Typical Stranding Action



**Carmanah 28/81 SmartRING
Typical Capacity - Pine**

28/81 SmartRING
Cycle Times in Seconds for
0.65mm Thick Strand

Load	2.1
Clamp	2.0
Cutting	10.2
Return	4.0
Total	18.3

MACHINE SPECIFICATIONS

No. cutting knives:	44 knives
Ring & Assembly wt:	7 300 kg
Ring rpm:	370 rpm
Ring and arbor wk²:	13 200 kg m ² @ ring rpm
Motor Size:	900 KW Pine to 1,350 KW hardwoods
Drive Type:	Power band v-belts
App. Total wt:	54 000kg



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