SMART ROBOTICS Fully Automated









ACCURACY

The **Smart Robotics** is your perfect ally to handle lumber.



BENEFITS

Increase of production throughput

Agility in your processes

Performance-driven design

Designed to operate in harsh environments insensitive to dust, sawdust, humidity.

Handles lumber without human physical intervention

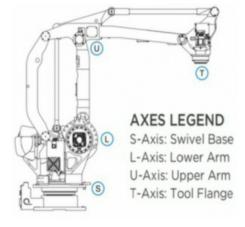
MAIN **CHARACTERISTICS:**

- It handles, processes, stacks, unstacks, sorts and paints more efficiently than any human operator.
- It answers to the ever growing scarcity or skilled workforce seen so often in the lumber industry.
- It automates manual tasks performed by
- High-speed: speeds up to 10 cycles per minute.
- No damages to boards or layers.

With ultrasonic diffuse reflection sensor; M30 x 1.5 / L = 103 mm; Sensing range 250...3500 that get precise distance between the Gripper and Wood Layer, we are able to effectively control the transfer of the Wood Layer from Pallet to production

TECHNICAL SPECIFICATIONS:

- 3,159 mm (124.4 in.) reach
- 500 kg (1,102.5 lb) payload capacity
- +-0.5 mm (0.02 in.) Repeatability
- DX200 controller
- 4-axis Motoman MPL500 II robot



Robots can be designed and programmed to relentlessy execute repetitive tasks increasing the volume of production with speed, accuracy and better uptime





SmartMill is a people-oriented company offering innovative lumber processing systems integrating robotics, vision and artificial intelligence.

SmartMill also provides continuous education for all its clients to improve managerial and operational knowledge and skills to all employees.

Looking for increase your productivity?

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