

SMART ROBOTICS

Fully Automated



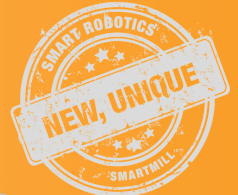
NO PRODUCTION
STOPPAGE



CONSISTENT
ACCURACY



GROWTH



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

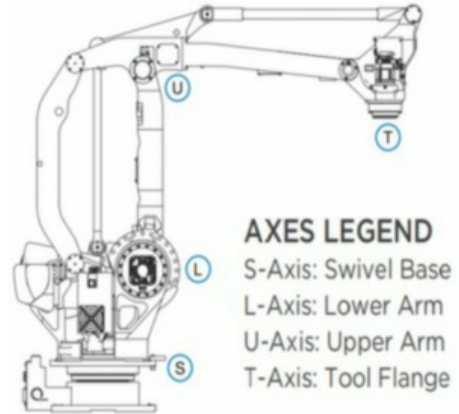
MAIN CHARACTERISTICS:

- 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 operators
- 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 relentlessly 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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