



INDUSTRIAL AUTOMATION

# ROBOTIC STENCILLING

**The Tebulo stencilling robot has been designed around a standard robot for extreme mechanical reliability and high speed marking. Tebulo robots have been in operation in mills around the world for many years and have proven to be reliable in tough conditions.**

It's an industry that's fast changing and businesses need to respond with smarter systems. Tebulo robotics offer improved speed, accuracy and safety. These are benefits that quickly deliver ROI through increased profits and decreased loss and injury. Advanced innovations for a fast-moving industry.

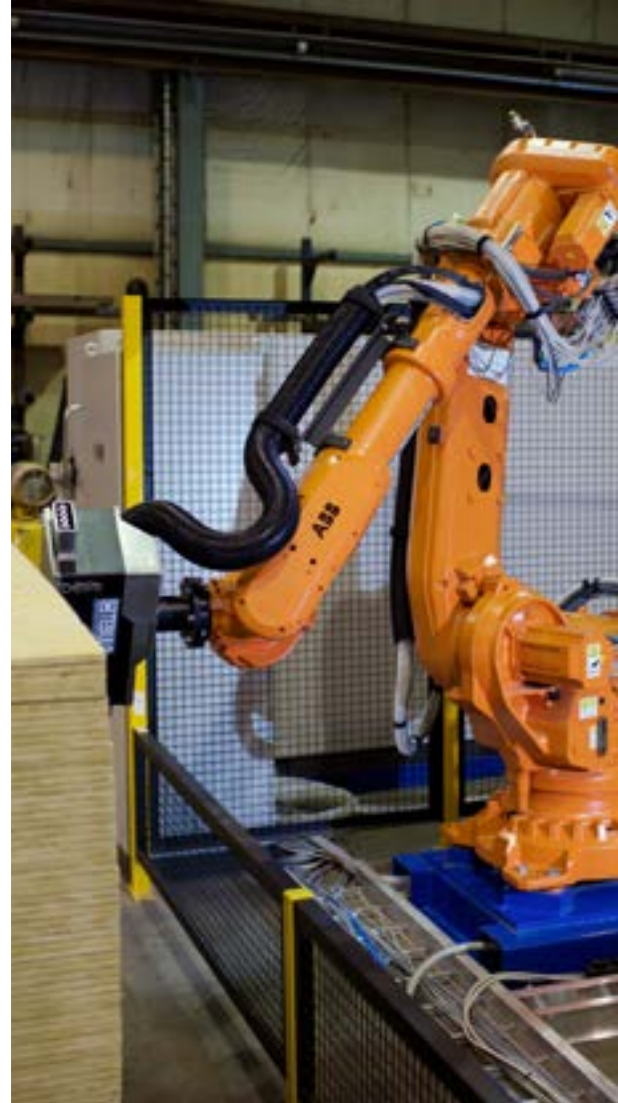
#### FEATURES:

- Complete automatic marking
- High resolution, multi-colour printing
- End-stripping options
- Reduce downtime: 99.9% availability
- Remove human error
- Flexible operation by using a standard robot
- Fully programmable
- Ink level indication and warning
- Easy installation and integration into existing or new production lines
- Low maintenance costs

## ROBOTIC STENCILING

### Standard Specifications

Measuring time (approx.)	7 secs
Character writing time	Up to 3.96 mps (780 fps)
Package length	Up to 4267 mm (168 inches)
Package width	Up to 2438 mm (96 inches)
Package height	Half packs & full packs
Total weight marker	2,700 Kg (5952 lbs.) (approx.)
Control	Robot control PLC
Communication protocol	Any standard
Standard end stripe colour	Multiple colours available
Standard sidewall stencil colour	Multiple colours available
Character height	From 2.38 mm (3/32") to 127 mm (5")
Overall height	Approx. 2,250 mm (86 inches)
Overall length	Approx. 3,200 mm (126 inches)
Overall depth	Approx. 2,700 mm (106 inches)
Power consumption	13 kW
Supply voltage	Any standard



### Additional Options

- Paint marking for cooler billets
- Heat-proof label attachments
- PC in the operator pulpit
- Traverse system (to move the robot between two production lines)
- PLC make and model based on customer's request