

STACKER DRIVEN BY BALYO

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FOCUS

The autonomous stacker Driven by BALYO embeds the unique infrastructure-free navigation technology developed as a result of 10 years of research & development.

It can stack pallets up to 1650 mm / 64,96 in, and lift loads up to 1200 kg / 2645,5 lbs.

The new generation of autonomous stacker can interface with your machines, conveyors, WMS or ERP software for a full integration within your existing operations. This robot will bring you unmatched cost savings and quality improvements.

FEATURES & DATA

Safety : 360° SmartSafety available

Load Identification : Barcode reader

Aisle Width : 3176 mm (800 x 1200 mm pallet)
125,03 inches (315 X 47.2 in pallet)

Energy : Lead-Acid or TPPL Auto Charging (2020)

Maximum stacking height	mm / in	1650 / 64,96
Maximum weight	kg / lbs	1200 / 2645,5
Maximum weight at maximum stacking height	kg / lbs	1200 / 2645,5
Navigation laser height	mm / in	2327 / 91,6
Overall height (except mast)	mm / in	2350 / 92,5
Overall width	mm / in	811 / 31,92
Overall length	mm / in	2163 / 85,15
Weight (without battery)	kg / lbs	1755 / 3869
Side shift range (off center)	mm / in	N/A
Front safety field height	mm / in	174 / 6,85
Rear safety field height	mm / in	124 / 4,88
Side safety field height	mm / in	74 / 2,91
Forward speed (with 360° Safety)	m/s / mph	2,00 / 4,47
Lateral speed (with 360° Safety)	m/s / mph	0,45 / 1,00
Backward speed (with 360° Safety)	m/s / mph	0,8 / 1,79

WHY DRIVEN BY BALYO AUTONOMOUS STACKER?

1

Adapted to Conveyors

2

360°
Smart Safety

3

Dual
Driving Modes