

ROBO STACKER

Rs500

Economical book
stacking solution



ROBO Stacker Rs500

Rs500 book stacker is a production line solution which enables companies to minimize labor costs and labor intensity. The uniqueness of this specific model lies in its minimized error rate that was achieved through implementing a temporary holder placed half-way down the books' fall, making sure that books do not collide, as well as ensuring they fall smoothly to the intended place. Books that leave the machine are evenly stacked and are instantly ready to be forwarded to the next station. The stacker is perfect for work with both finished and semi-finished products, when it is not necessary to compensate.

The machine is designed to stack books, or book blocks of known parameters. It has two operating modes programed; both of them can be adjusted specifically to the required needs:

- High speed mode - designed to quickly delivery stacks of height below the temporary holder (up to ~150mm).
- High stack mode - works slower than the high speed mode, however is able to deliver stacks of up to 290mm.

The versatility of this machine allows it to be compatible with the largest manufacturers such as Muller Martini, Meccanotecnica, Horizon, Wohlenberg etc.

*Gravity roller conveyor and set of sidebands visible on pictures are not sold with the machine.

Machine characteristics

- Production capacity up to 5000 cycles per hour.
 - A touch screen control system enables an operator to enter necessary variables like the number of books per stack and the production speed.
 - Stack's height even up to 290mm.
 - Rs500 guarantees a fixed number of books per stack. Moreover, using the temporary holder solution prevents any book collisions and damage.
 - To fit your production site, Rs500 is designed to have the possibility of having book outflow side installed in both directions.
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Specifications

Model: Rs500	
Maximum speed*	
Fast production mode	5000 cycles/hour
High stack mode	2000 cycles/hour
Maximum stack height*	
Fast production mode	154mm
High stack mode	290mm
Book size specifications	
Minimum size (height x width x thickness)	115mm x 115 mm x 0 mm
Maximum size (height x width x thickness)	350mm x 320mm x 80mm
Physical parameters	
Height	1455mm – machine's surface 2000mm – highest point – signal tower
Length	1213mm – main body 1950mm – main body + delivery belt
Width	686mm – main body 781mm – main body + built-in roller (exit)
Delivery table height	826mm (lowest setting) 1135mm (highest setting)
Weight	380kg
Electrical supply data	
Voltage	200-240V AC 50/60Hz
Power input	1kW
Air requirements	
Air pressure	6 Bar
Air consumption	Fast production mode – 590 l/h High stack mode – 354 l/h