

STACKER





FUNCTION AND APPLICATION

The STACKER is a space-saving way of storing unused totes and reintroducing them, in stacks, back into the system once they are needed again.

Empty or filled totes arrive one by one on the conveying system and are transported into the machine. There the totes are lifted. When the stack has reached a certain height it is conveyed out into a buffer zone.

It is also possible to adapt this system so as to facilitate the stacking of filled and closed totes.

ADVANTAGES

- Economic compared to manual execution
- Alleviation of employees from monotonous and physically demanding tasks
- Reliable and easy maintenance
- Low power consumption
- Solutions for all tote types available
- Carefull stacking of filled totes

RETURN-ON-INVESTMENT (EXAMPLE)

	Single system	Double system	Heavy duty stacker
Maximum performance	800 t/h	1,800 t/h	1,000 t/h
ø daily performance	4,000 t/d	16,000 t/d	8,000 t/d
ROI	1.8 years	0.6 years	0.7 years

t/h = totes/hour, t/d = totes/day

TECHNICAL DATA

Throughput	1,200 to 1,800 totes
Conveyor speed	0.3 – 0.9 m/s
Nominal width of the	
conveying system used	275 – 525 mm
Maximum height of the	
supplied tote stack	1,500 mm
Power input electrical	1 kW; 2.5 kW (heavy duty design)
Compressed air requirements	6 bar, 150 – 250 l/min; 50 l/min
	(heavy duty design)
Noise	< 75 dB



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