

# Box stacker - KLS 600



## Machine design

- Machine frame made of quality steel
- Dimensions: 800mm (w) x 2500mm approx (h) x length (see back page)
- Doors and windows with safety glass
- Automatic security doors for input and output
- Robust powder coating in RAL 7035
- Controller with bus system - optional also without controller
- Can be integrated in a larger system OEM customer

## Advantages

- Self-supporting welded steel frame.
- Loading and unloading without manual safety doors.
- Faster access- does not depend on machine timing.
- designed for heavy weights (trays or boxes) up to 15 Kg
- faster tray or box exchange due to cyclical operation.
- Takes all standard box sizes and non- standard sizes on request.

## Options

- Parts handling by industrial robots or cartesian 3-axis system
- Cyclical operation
- Storage capacity upgrade available
- feeding trolley also available

## Specifications

- KLTs 400mm (w) x 600mm (l) x 40-120mm (h)
- Max. stacking height 580mm
- Tray-/box exchange time  $\leq$  1.5 sec
- Max. tray-/box weight 15 kg
- Max. tray-/box stack weight 80 kg

# Box stacker - KLS 600

Stack and unstack different container types for your production processes

## Areas of application

Supply and storage system designed for medium to heavy items in trays/boxes. Supply of KLT (small load carrier) for storage in automated production. Especially designed for fragile small parts.

Technical information		KLS 600-S	KLS 600-M	KLS 600-L
Tray/box/ size	mm	up to 400 x 300	up to 600 x 400	up to 800 x 600
Tray/box/ change time	sec.	approx 2 (standard)		
Tray/box/container weight	kg	up to 15 (standard)		
Stack weight	kg	up to 80 (standard)		
Positioning accuracy	mm	depends on tray/box type		
Supply voltage		400 V / 50 Hz / 3 ph		
Compressed air supply	bar	approx.. 6 bars		
Control system / drives		Siemens S7 (Standard) or bus control		
A Overall width (Standard)	approx.	800 mm	800 mm	1000 mm
B Overall height (Standard)	approx	2500 mm		
C Overall length (Standard)	approx	2590 mm	2590 mm	3200 mm
Parts handling X Y Z	mm	Optional: cartesian system or robot		
F Stack height (Standard)	mm	580 mm		

## KLS 600-M

