

PCB Magazines Series 600/700/800 for automated assembly lines

Automation Requires Precision

Precision, stability and flexible handling are important features for the use of the PCB Magazines in automated assembly lines.

The stable and robust frame construction guarantees a long lasting use of the PCB magazine in your production. The sidewalls are manufactured from conductive material. For high mechanical or temperature use we offer the magazine with metal sidewalls.

We offer three different magazines:

Series 600 - Width adjustment by screw clamp

the low cost version for PCBs with the same width

Series 700 - Width adjustment by gear belt

the comfortable version with width adjustment in seconds

Series 800 - Full automatic width adjustment

the automatically adjustable version for unloaders

Choose the most efficient version for your application.



Key features:

- Locking knob for stacking purposes
- Transport safety to secure PCBs
- Consecutive numbering on the side panels for easy feeding
- Size compatible to existing systems
- Largest model selection
- The precision spindles ensure the parallelism of the sidewalls during adjustment (series 700 & 800)
- The gear belt allows for quick adjustments in seconds (series 700 & 800)
- Customized designs

Three models for different use



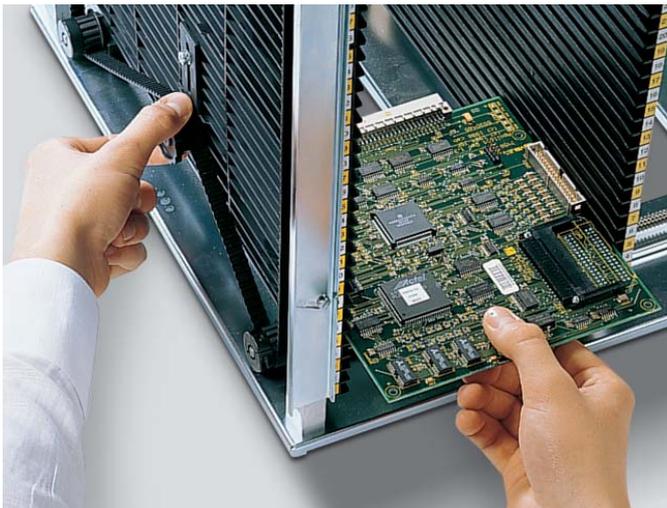
Series 600

Width adjustment by screw clamp

Manufacturing mainly with one PCB size the magazine doesn't have to be adjusted to a new PCB width so often. The series 600 is cost effective alternative with a simple width adjustment.

By backing off the four screw clamps the movable side panel can be pushed to the necessary PCB width.

The side panel will be secured again by tightening the four screw clamps.



Series 700

Width adjustment by gear belt

Handling different PCB sizes the magazines have to be adjusted to the PCB width quite often.

The PCB Magazines of the series 700 are adjusted to the necessary PCB width within seconds.

The spacing between the side panels is adjusted by pulling the gear belt.

To secure the movable side panel, tighten the locking bar to the belt using only one knurled-head screw.

The movement free from play spindles guarantee the parallelity of the side walls so no deviations are possible.

Series 800

Full automatic width adjustment

Increase process safety and optimize your production process by the automatic width adjustment of the cab magazines in unloaders.

During the placement of the magazine into the unloader, it is automatically adjusted to the width of the PCB. All of the 800 series are capable of being used at once.

No more need for pre-adjusted magazines.

The coupler connects the motor with the spindle for the adjustment.



Our experience is your advantage



Stackable

The magazines can be stacked and secured space saving by four support guides on the top of the plate.



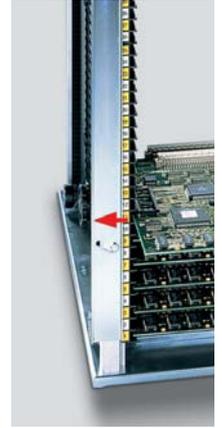
Reversible

Through to the vertical symmetry all magazines can be placed upside down to work on double sided PCBs. The stacking locator knobs must be replaced.

Magazine locked



Magazine unlocked



Transport safety

To secure the PCBs while transporting the magazine, a safety bar is mounted on the front and back side of the side panel.

1. The inclined guides allow the bar to move automatically into the locked position using its own weight.
2. To open the transport safety, move the bar outward until it is locked.

Special Models



Largest model selection

cab offers a variety of standard sizes for your selection. Our variety of Magazines are compatible with all other magazines on the market.



Special sizes

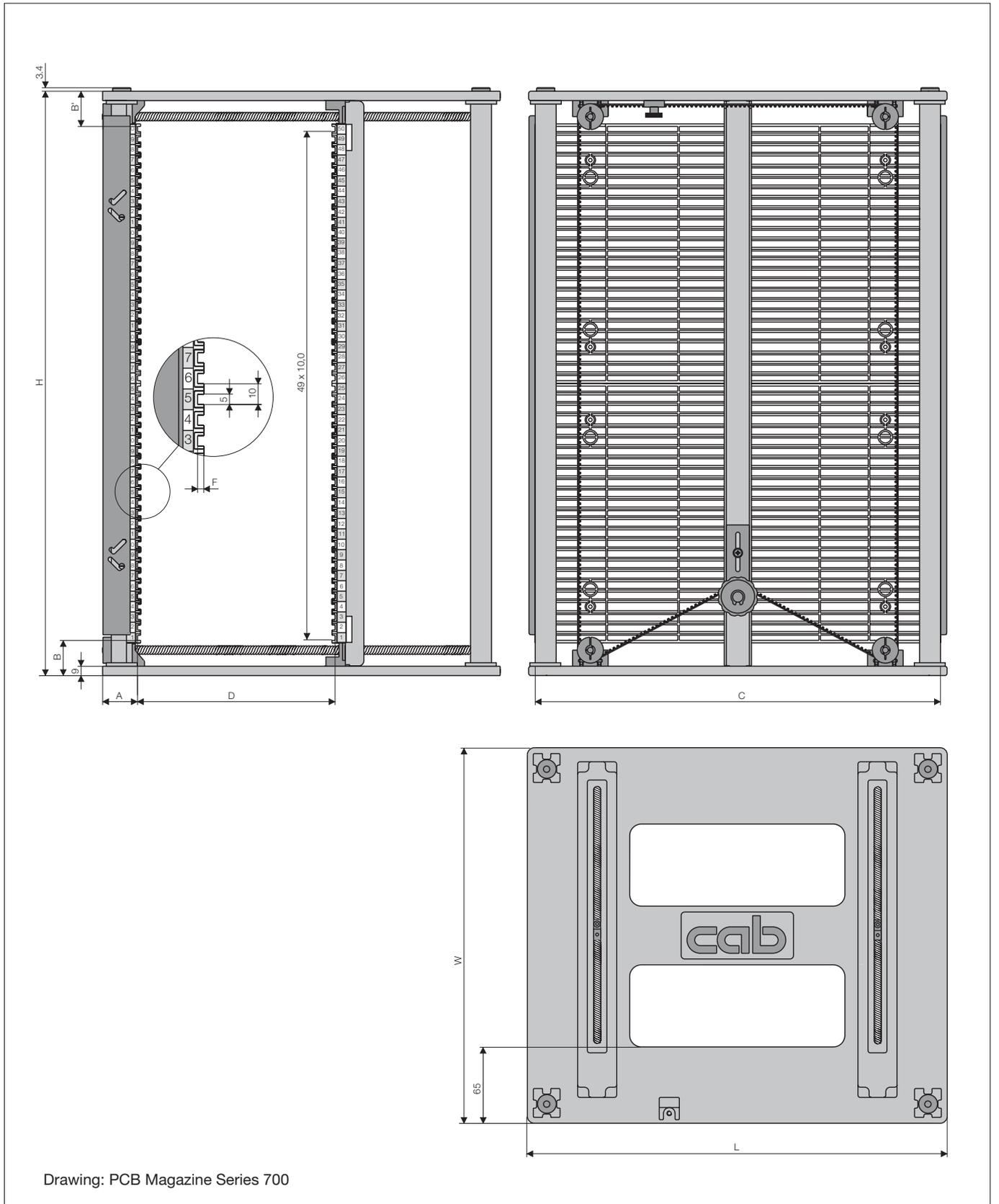
If the standard sizes don't fit your requirement, we offer customize sizes in small quantities.



Metal Magazine

For high temperature or mechanical use we also offer magazines with metal sidewalls.

Technical Data



Drawing: PCB Magazine Series 700

Dimensions in mm		601	602	603	704	705	715	706	716	707	717	708	718
		701	702	703	804	805	815	806	816	807	817	808	818
D = PCB width	min	10	10	10	10	10	10	10	10	10	10	10	10
	max	250	250	310	330	310	310	390	390	460	460	400	400
C = max. PCB length		342	387	387	447	522	522	522	522	522	522	522	522
L = Depth of magazine		355	400	400	460	535	535	535	535	535	535	535	535
W = Width of magazine		320	320	380	400	380	380	460	460	530	530	470	470
H = Height of magazine		563	563	563	563	570	563	570	563	570	563	570	563
A = Magazine outside edge to PCB slot		34	34	34	34	34	34	34	34	34	34	34	34
B = Magazine lower edge to PCB slot		34	34	34	34	41	34	41	34	41	34	41	34
B' = Magazine upper edge to PCB slot		34	34	34	34	34	34	34	34	34	34	34	34
Weight in kg		5,3	5,4	6,0	7,8	8,3	8,3	9,1	9,1	9,3	9,3	9,2	9,2
Version													
Stackable		■	■	■	■	■	■	■	■	■	■	■	■
Reversible		■	■	■	■	■	■	■	■	■	■	■	■
Width adjustment													
Screws Series 600		■	■	■	■	■	■	■	■	■	■	■	■
Gear belt Series 700		■	■	■	■	■	■	■	■	■	■	■	■
Driving spindle for motor Series 800		■	■	■	■	■	■	■	■	■	■	■	■
Material top and bottom plate													
Aluminum		■	■	■	■	■	■	■	■	■	■	■	■
Sheet steel					■	■	■	■	■	■	■	■	■
Material side wall													
Polystyrol black													
Permanent working temperature 50°C		■	■	■	■	■	■	■	■	■	■	■	■
Surface resistance 10 ⁸ - 10 ⁹ Ohm													

Metall side walls with permanent working temperature 130°C in preparation.

Delivery program

PCB Magazines		Version		Partial assembled	Assembled with support guides	Assembled without support guides
				Standard version Support guides enclosed unmounted	Stackable Order additional Part No. DL31001	Reversible Order additional Part No. DL31002
Type	Part No.	Stackable	Reversible			
601	8913131	■	■			
602	8913132	■	■			
603	8913133	■	■			
701	8913071	■	■			
702	8913072	■	■			
703	8913073	■	■			
704	8913274	■	■			
705	8913075	■	■			
715	8913545	■	■			
706	8913076	■	■			
716	8913546	■	■			
707	8913077	■	■			
717	8913547	■	■			
708	8913266	■	■			
718	8913548	■	■			
800	On request	■	■			

8 days right to return

Single assembled magazines can be tested 8 days without the need to buy them. Just add to your order of the stackable or reversible version you intend to return the magazine.