



MULTIPURPOSE ACCUMULATOR AF 40

For Imaging Materials Applications

Regional Product Availability

N.America	Japan/Korea	Asia	Europe
✓	✓	✓	✓

DESCRIPTION

The Rohm and Haas Electronic Materials Accumulator AF 40 is a compact module able to automatically receive and store innerlayer or rigid panels. The machine can be placed at the beginning of the line (as a “loader”), at the end of a line (as an “unloader”) or in the middle (as a holding/time module). The Accumulator is particularly useful whenever a holding time is required or whenever the panels need to be kept separated.

ADVANTAGES

- Storage capacity of 40 PCBs
- Suitable for innerlayer or rigid panels—full range from 0.05–3.20 mm (0.002–0.125 in.) thickness
- Panels sizes up to 762 × 610 mm (30 × 24 in.)
- Thickness or panel dimension adjustments are not required
- It can operate with single or programmable steps
- Multi-programmable cycle as standard buffer, synchronized unloader buffer, unloader timed, non-stop unloader cycle
- Completely controlled by PLC—operator interface in various languages
- Preset for automatic in-line operations—speed synchronization with other units
- Control box can be mounted to either side of unit
- Easy of access to PCBs
- Cooling after lamination
- Direct drive motor for PCBs drum
- Output conveyor with safety stop system



MULTIPURPOSE ACCUMULATOR AF 40

General Specifications

Overall Dimensions

Width	1,220 mm (48 in.)
Length	1,720 mm (68 in.)
Height (min.–max.)	2,214–2,287 mm (87–90 in.)

Electrical Requirements

Power Type	Single phase; 50/60 Hz + Ground
Power Consumption	1.2 KVA
Nominal Voltage	230V

Compressed Air

Compressed air not required

Exhaust

Consumption	235 m ³ /hour
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Weight

Gross	584 kg (1,287 lbs.)
Net	436 kg (961 lbs.)

Operation Features

Panel Size

Width (min.–max.)	160–762 mm (6.3–30 in.)
Length (min.–max.)	160–610 mm (6.3–24 in.)
Thickness (min.–max.)	0.05–3.20 mm (0.002–0.125 in.)
Weight (max.)	1.6 kg (3.5 lbs)

Maximum storage capacity is 40 PCBs
 <0.2 mm (0.007 in.) thickness, max. 510 mm (20 in.)
 >0.2 mm (0.007 in.) thickness, max. 610 mm (24 in.)

Conveyor (Adjustment)

In/Out Conveyor Height (min.–max.)	890–963 mm (35–38 in.)
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Conveyor Speed

In/Out Conveyor Speed	Adjustable up to 10 mt/min. (32.8 ft/min.)
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Options

Tower light and siren

Automatic Double Panel Detector

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