

Keko Manual Ceramic Foil Stacker

IS-3M



General process principle:

- A sheet is put on the stack.
- The stack is automatically transferred to the press and subsequently pressed on to carrier block. The press can be equipped with paper sheets for equalizing the pressure on the stack surface.
- After pressing, the carrier tape is removed automatically from the stack. Together with the carrier tape the edges (cut in the SC-1) are removed, where after a straight stack results.

Specification Keko IS-3M stacker:

<u>Item</u>	<u>Description</u>
Sheet placement:	Manually above the stack on the positioning pins
A-B shift:	Has to be in the printed sheets
Positioning:	Four high accuracy positioning pins which accept holes from the SC-1 punching tool
Pin position:	The positioning pins are placed outside the stack area
Palette:	The stack is produced on a hard anodized aluminum palette
Palette size:	166 x 175 x 17 mm
Pressing area:	160 x 160 mm
Stack transportation:	Three palettes are processed simultaneously on high speed carousel
Stacking press:	Hydraulic with the possibility to insert paper sheets to equalize the pressing force at the stack surface
Stacking force:	Maximum 420kN
Stacking temperature:	Maximum 120°C
Stacking time:	Programmable
Carrier film removal:	Special designed rotary disc with film pick up system and waste bin collecting the sheets.
Typical cycle time:	7s (with typically ± 4 s pressing time)
Operator interface:	PLC controlled operation All stacking parameters such as pressure, temperature, time, etc. are fully programmable Up to 99 programs can be stored into the PLC memory
Clean air:	The machine is covered for clean room application
Dimensions:	Length: 1750mm Width: 1050mm Height: 1150mm
Weight:	approx. 750kg
Connections:	Electricity: 3x220V / 60Hz,32A Compressed air: 0.6Mpa, 100NI/min