

SBM 4000 *SERIES*

Semi Automatic Strapping Machines

Technical Data Sheet SBM 4400 / 4401

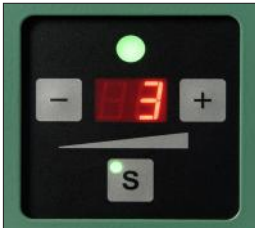


SBM 4000 SERIES

Semi Automatic Strapping Machines

Highlights - Standard Equipment - Technical Data

Highlights



Exceptionally easy operation

Strap tension adjustable with press button (+/-).

Strap tension "Soft" for delicate products



Easy fault clearance without tools



Minimum maintenance requirement

Easily accessible (without tools)



Simple and rapid coil change



Lightweight strap for cost effective strapping

Standard Equipment

- Adjustable seal height
- Four castors with brakes
- Closed strap chute system
- Heat seal
- Automatic strap threading device
- Automatic strap end ejection
- Foot switch (with option Interface not included)
- Touch panel with additional strap tension "Soft"
- Automatic strap loop ejection for cycles without product
- Cycle counter
- Electrical supply cable, 5 m
- Dispenser, above machine

Technical Data

Machines

- Heat weld sealing, preheating time 30 s
- Electrical supply Single phase AC
230 V / 50 Hz, 1PNE and
115 V / 60 Hz, 1PNE
Tolerance -15%/+20%
- Performance at at 225 VAC

	Modus Sleep	Modus Stand-by	Modus Operation
- Watt	26 W	63 W	446 W
- Volt Ampere	38 VA	64 VA	451 VA
- Reactive Power	27 VAR	9 VAR	94 VAR
- Power Factor	PF 0,60	PF 0,88	PF 0,98
- COS Phi	0,69	0,99	0,99
- Ampere	0,19 A	0,32 A	2,3 A
- Conveyor height 560–1040 mm
- Machine weight 190 kg
- Colour Green: RAL 6000

Packages

- | | SBM 4400 | SBM 4401 |
|-----------------------|------------------------------|------------------------------|
| · Min. width / height | 50 x 100 mm | 5 x 50 mm |
| · Max. width / height | Chute dimension
. / 50 mm | Chute dimension
. / 50 mm |
| · Max. weight | 50 kg* | 50 kg* |

Plastic strap (PP)

- | | SBM 4400 | SBM 4401 |
|------------------------------|-------------------|-------------------|
| Width: 9 mm / embossed | Dylastic 940 SBM | Dylastic 940 SBM |
| Width: 12 mm / embossed | Dylastic 1240 SBM | Dylastic 1240 SBM |
| Strap thickness | 0,40–0,60 mm | 0,40–0,60 mm |
| Strap coil, inside/outside Ø | 200/430 mm | 200/430 mm |

* depending on the conveyor technology

Polypropylene straps and applications have to correspond with the strap specifications recommended by Signode!

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Performance - Options

Performance

Performance:

Depends on chute and package dimensions, conveyor speed, package distances and strap tension

Machines	SBM 4400	SBM 4401
For strap width	9/12 mm	9/12 mm
Max. cycles	65/min.	65/min.
Chute dimensions (w x h)		
- 300 x 600 mm		9/12 mm
- 650 x 500 mm	9/12 mm	
- 850 x 850 mm	9/12 mm	
- 850 x 1250 mm	9/12 mm	
- 850 x 1550 mm	9/12 mm	
- 1250 x 850 mm	9/12 mm	

Machines	SBM 4400	SBM 4401
Strap tension man., up to	450 N	450 N
Strap tension auto., up to*	600 N	600 N
Room temperature	10-40°C	10-40°C
Relative humidity of air	10-65%	10-65%

*option

Options



Foot switch
with protection cover



Roller table
– In working chute width
– Height adjustable
– Idle roller table



Standard interface
for integration into existing production lines for fully automatic (in-line) applications



Fixable feet
The machine can be securely located with fixable feet

Interface for high strap tension
for integration into existing production lines and strap tension up to
– Until 600 N for fully automatic applications



External control for strap positioning

Further options
· **Special sealing height**
Other heights than 560–1040 mm

