

strapex

SMG 50/55

High performance machines for plastic strapping

NEW



SMG 50:
for 5 mm PP strap

SMG 55:
for 9/12 mm PP strap



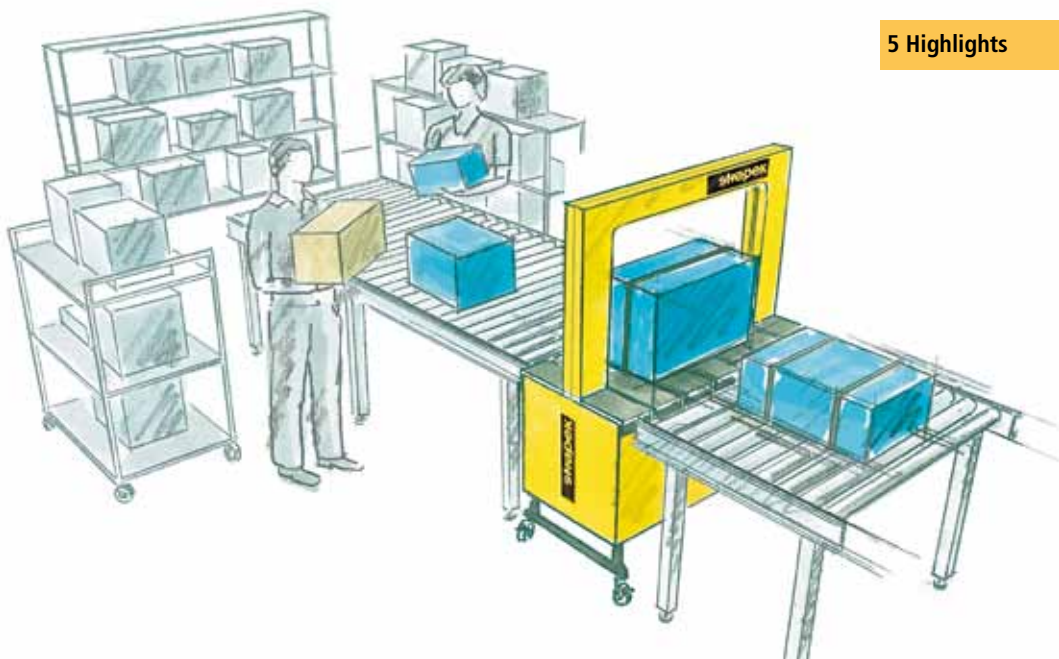
New technology
allows use of thin or
narrow strap



Save time and money with 5 mm plastic strap!

Machines with integrated conveyor

For new or existing production and packaging lines



5 Highlights

- Up to 70 cycles per minute
- Touch Panel: Strap tension easily adjustable
- Simple technology, few moving parts
- Constant strap tension for various products
- Simple coil change

Fully automatic machines for continuous operation



Small products



Large products



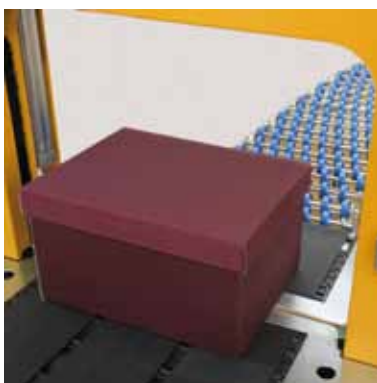
Light products



Heavy products



Loose packages



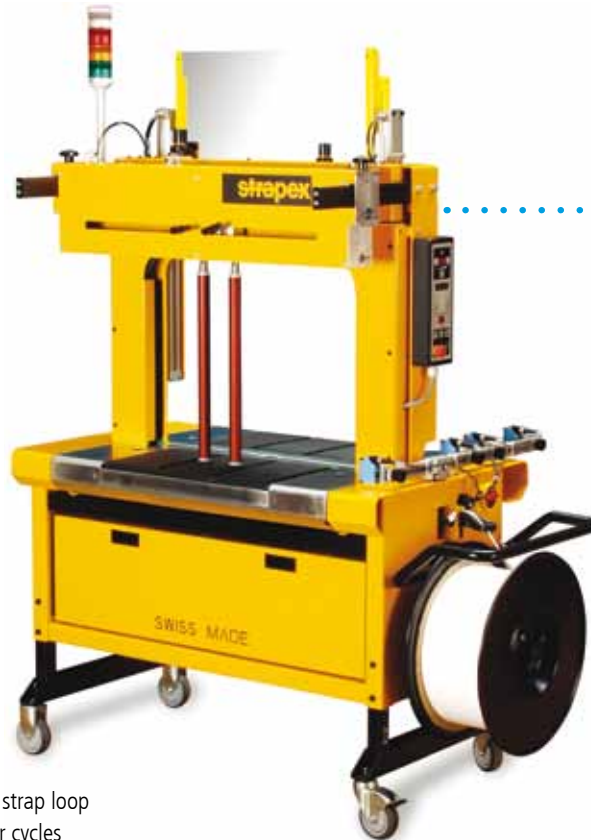
Cost effective, efficient Easy operation

User friendly

- Simple and fast set-up
- Touch Panel: Self-explaining, no special knowledge necessary
- Strap tension easily adjustable with press button – with a selection of standard strapping modes
- Conveyor speed fully adjustable
- Fault indication on display
- Fault clearance without tools

Further advantages

- High availability and reliability of operation
- Automatic strap threading
- Automatic strap end ejection



- Automatic strap loop ejection for cycles without product
- The package position for strapping is adjusted by a photocell
- Robust, compact design



Strap for cost effective strapping

Use of thin PP strap or 5 mm PP strap with SMG 50 as alternative to 9/12 mm strap



Simple coil change

Minimum downtime for coil change due to automatic strap threading

Standard strapping programs



Pass through without strapping



Single strap



Two straps



Three straps



Multiple strapping of long packages with regular strap distances



Minimum maintenance requirement
without tools



Easy fault clearance
without tools

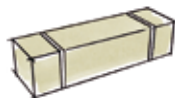
Adaptable to different operating conditions and requirements

Options

CT Version (Cold and Tropic Environment) SMG 50/55

Room temperature: 5–40°C
Relative humidity of air: 10–85%

- Rust-free feets and guide rolls
- Rust-free conveyor table
- Basic frame with special colour treatment



First strapping position

For parallel strapping. High operating convenience due to direct access to strapping position by moving the photocells.

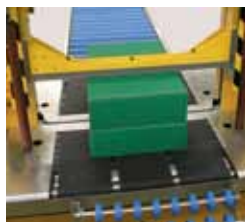


Package height

If height exceeds or remains under the adjusted value, strapping is prevented.

Second strapping tension

If the package height exceeds the adjusted photocell a stronger pre-adjusted tension will be applied.



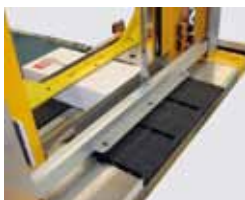
Hold down device

Pneumatic hold down device, pressing force up to 250 N, for containing lightweight packages during strapping cycle. Can be mounted at infeed and/or outfeed side of the machine.



Bundle stops

Pneumatically driven front stops, for precise positioning of loose packages.



Transport stop

When there are no packages on the infeed side of the machine, the conveyor stops automatically until a new package is on the conveyor.



Triple signal lamp: red, green, orange

Different machine status are optically displayed and every machine fault is indicated by the signal lamp.



Potential free signals in 24 pin Interface plug

- Strap end
- Strap end pre-warning
- Automatic Mode
- Conveyor signal for infeed and down stream conveyor
- Cycle counter



Conveyor extension

The belt conveyor system can be extended on the infeed and outfeed side, by 120 mm on each side.

Strapping in the centre

The packages are automatically strapped in the centre independantly of length.



Technical data

	SMG 50	SMG 55
Machines		
Dispenser position	Side mounted	Side mounted
Cycles per minute, up to	70*	65*
Arch dimension (l x h)		
650 x 500 mm	•	•
850 x 650 mm	•	•
850 x 850 mm		•
Conveyor height	720–950 mm	720–950 mm
Electrical supply	230 V, 50 Hz, 6,3 AT, 1 NPE	230 V, 50 Hz, 6,3 AT, 1 NPE
Strap tension, up to	300 N	450 N
Heat seal	•	•
Weight	240 kg	240 kg
Room temperature	10–40°C	10–40°C
Relative humidity of air	10–65%	10–65%

Plastic strap (PP)

Width 5 mm	372.605.585	
9 mm		371.609.555
12 mm		371.612.540
Strap coil, inside/outside Ø	200/430 mm	200/430 mm

Packages

Min. width	100 mm	100 mm
Max. width/height	Arch dimension	Arch dimension
	less 50 mm	less 50 mm
Min. length	150 mm	150 mm
Max. weight	35 kg	35 kg

* Without transport process



Special conveyor height

For production and packaging lines



Fixable feets

With adjusted feets the machine can be supported and fixed on the floor

The Strapex Advantage

Machine, Strap and After-Sales Service as a total package



The right machine

Due to the flexibility of their machine construction programme, Strapex can offer tailor-made solutions for customers individual applications.

The right strap from our own manufacturing plants

A comprehensive range of plastic straps (PP and PET) each with their own characteristics to ensure that strap and equipment are always the best possible combination!

Worldwide Sales and Service

You will receive expert advice on choosing the right solution and service package together with the guaranteed availability of spare parts.

Additional products for the transport securing sector

- Machines for vertical and horizontal strapping of palletised goods
- Semi-automatic machines and hand tools for plastic strapping
- Hand tools for steel strapping
- Pallet stretch-wrapping machines



Strapex worldwide



- Own development and production
 - Hand tools
 - Machines/Installations
 - Strap
- Own sales and service organisations
- Independent sales and service partners worldwide

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