

## SMG 50/55

### High performance machines for plastic strapping



SMG 50:  
for 5 mm PP strap

SMG 55:  
for 9/12 mm PP strap



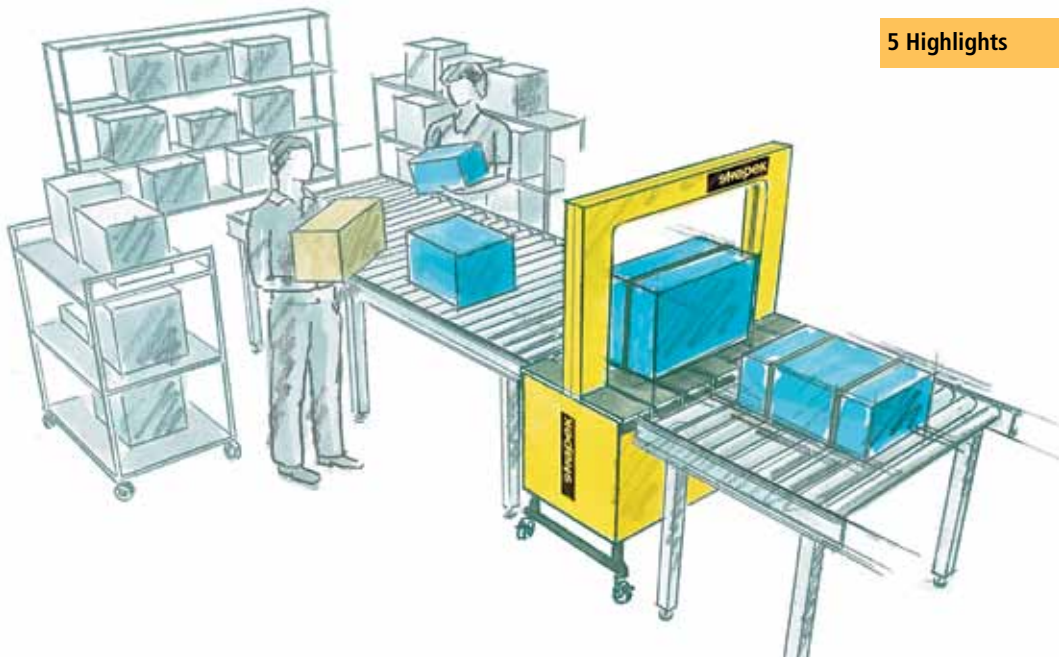
New technology  
allows use of thin or  
narrow strap



**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



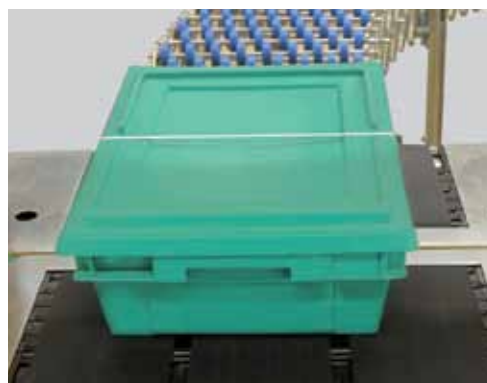
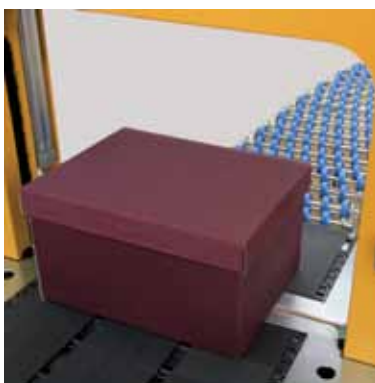
Light products



Heavy products



Loose packages



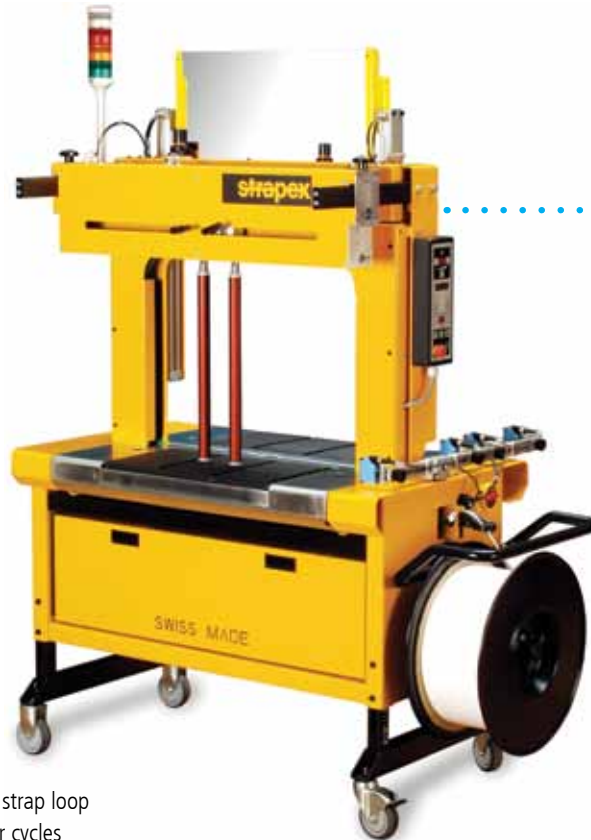
# Cost effective, efficient Easy operation

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



### Bundle stops

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

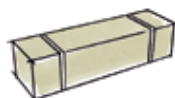


### Package stops

Strap position adjustable from front edge of package: package infeed from 85–125 mm.

### Strapping in the centre

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



### First strapping position

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



### 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.

### 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.



### Conveyor extension

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



### 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.

### 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

## Technical data

	SMG 50 (A)	SMG 55 (A)
<b>Machines</b>		
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	• (A)	• (A)
850 x 850 mm		• (A)
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, approx.	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

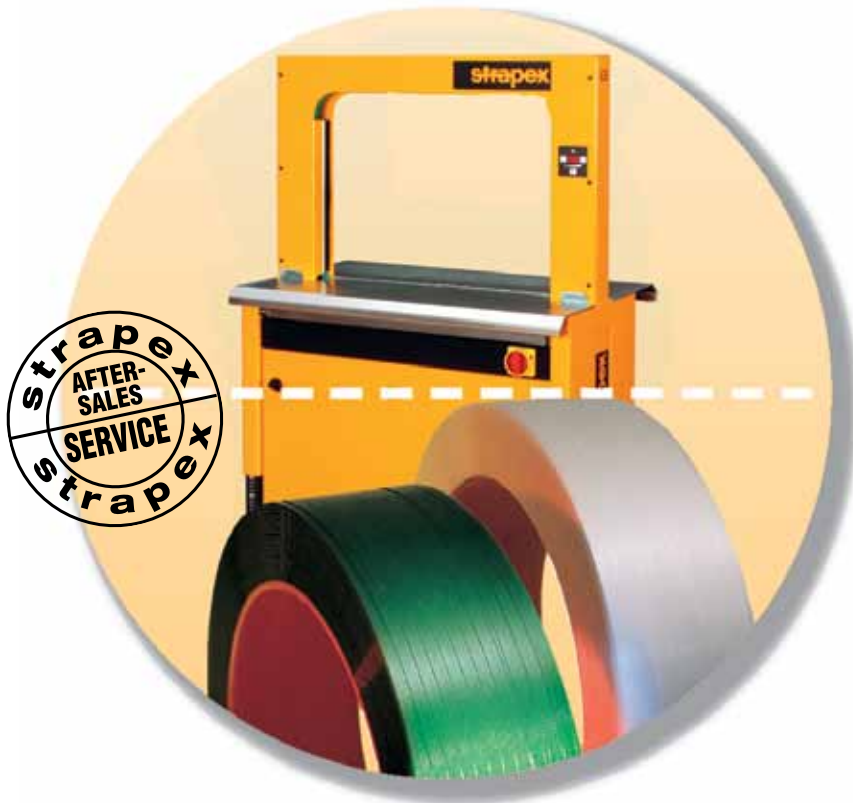


### Fixable feet

With adjusted feet 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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