



## MP 270 MH "Mega" Baler

### The Mega technology

- Creates super high capacity by pre-compacting the material to 200 kg/m<sup>3</sup> and making finished bales at the same time.
- Reduces the need for human operators by using software for self-optimization.
- Makes it possible to bale most materials (special programme for pressing PET).
- Ensures that the baler always is running optimally by using software for self-optimization.
- Makes it possible to bale big size materials without using a shredder.
- Lower cost per baled tonne, compared to other balers.
- Low build – can fit in most buildings.
- Low system cost.
- Low lifetime cost.
- Low service and maintenance costs.

### The baler

- Robust design with highest possible reliability.
- User and service friendly.
- Optimized bale size and big feed opening.
- Unique pressure control of friction channel by means of two heavy-duty pulling cylinders.
- All exposed zones in high-tensile steel.
- Pre-compression chamber floor in 25 mm high-tensile steel with 12 mm wear rails.
- Pusher chamber floor in 25 mm steel with 12 mm wear plate.
- Main press chamber floor in 30 mm steel with 12 mm wear plate.
- Friction channel in compact design for reduced wastage.
- Main press rolling on four heavy-duty wheels guided on wear plates.
- Main press with sturdy wear blocks on sides and top.

### The hydraulics

- Main drive motors 2 x 75 + 2 x 45 kW
- Oil level control system.
- Oil temperature transmitter – oil temperature indicated on control panel screen.
- Oil cooler.
- Oil heater.

### The strapping

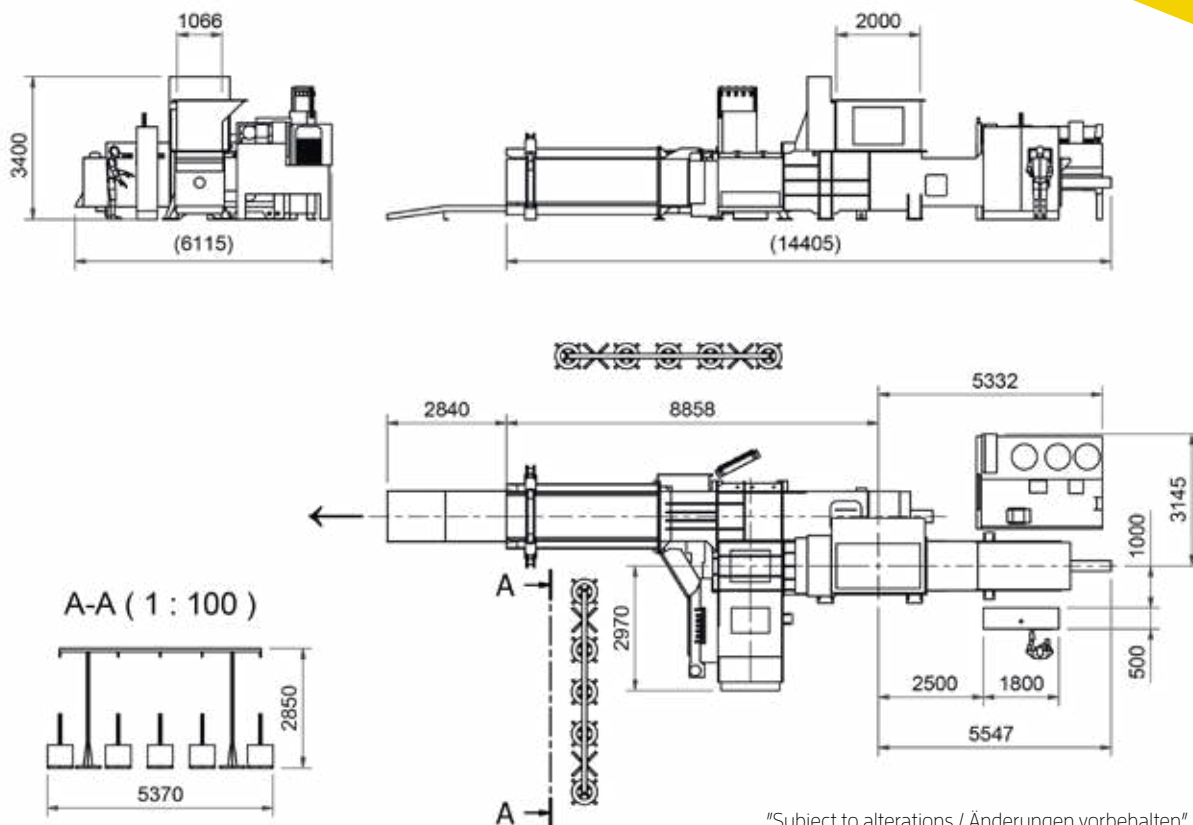
- Strapping system with five horizontal needles.
- Simple and reliable twisting unit with an eccentric drive, service friendly, easy access.
- The number of twistings and twisting force adjustable for an optimized relation between wire consumption and stability of the ready bale.
- Very short pigtails (wire ends) – no waste of wire.
- Wire guiding system for big wire coils.
- An additional strapping unit with three vertical wires for maximum bale weight when baling PET bottles and other expandable materials (option).

### The control system

- Presona HMI Interface system with a fixed Internet connection for operation control and monitoring. Presets for 20 baling programmes.
- Software for self-optimization ensures that the baler always is configured optimally for the material being pressed.
- Easy operation with a 22" colour touch screen.
- Linear position sensors for precise control of baler movements.
- A photocell system for baler and conveyor control.

# MP 270 MH General Dimensions

**Presona®**



"Subject to alterations / Änderungen vorbehalten"

Technical Data		MP 270 MH
Max volume capacity	m <sup>3</sup> /hour	1040
Weight capacity	tonnes/hour	45*
Feed opening L x W	mm	2000 x 1066
Bale size H x W (Length variable)	mm	1100 x 1100
Bale weight	Kg/m <sup>3</sup>	480 – 650
No. of horizontal strapping wires		5
No. of vertical strapping wires for cross strapping (optional)		3
Press force prepress	tonnes	60
Press force feeder	tonnes	50
Press force main press	tonnes	160
Specific pressure	N/cm <sup>2</sup>	132
Max oil pressure	Bar	270
Oil tank capacity	Litres	3000
Electric motor	kW	2 x 75 + 2 x 45
Oil cooler	kW	1 x 1,1
Net weight	tonnes	55

\* At a material pre-bale density of 50 kg/m<sup>3</sup>

Performance rates and bale densities are subject to moisture, material pre-bale densities, feed rate and other variables when baling.

As part of our continuous product development, specifications are subject to change without notice.