

## LP 140 XH Pre-Press Technology Baler



### Friction Channel

- Friction channel pressure control by means of a hydraulically controlled linkage system.
- The pressure is adjustable from the control panel
- Closed friction flap sides for less spillage
- All inner surfaces clad with exchangeable wearplates made from steel (standard) or Hardox 500 - long life resistant steel (option)

### Main press

- All four sides with cam design for better sealing
- The unit is journalled in 4 + 4 heavy-duty wheels guiding on wear rails mounted on the press bottom and on the underside of the pre-press
- Sturdy wear blocks on the sides

### Prepress

- Heavy duty bearings for the pre-press shaft shaft to the prepress carriage
- Detection system of the pre-press position during operation to secure a safe interlock of inspection hatches and protection covers.

### Prepress carriage

- Sturdy (compact) wear blocks on the sides and top.
- Bottom plate made of 40 mm long-life resistant steel

### Chassis

- Bottom plate made of 35 mm Hardox 400 long-life resistant steel quality
- Exchangeable wear rails in the bottom and the sides made of normal steel (standard) or Hardox 500 long-life resistant steel (option).

### Hydraulic System

- Main drive motor 2 x 55 kW (LP 140 XH1 S) and 2 x 75 kW (LP 140 XH2 S) with a double hydraulic pump system
- Oil level control system
- Oil temperature transmitter - oil temperature indicated on control panel screen
- Oil cooler
- Oil heater (optional)

### Strapping

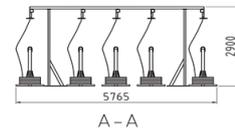
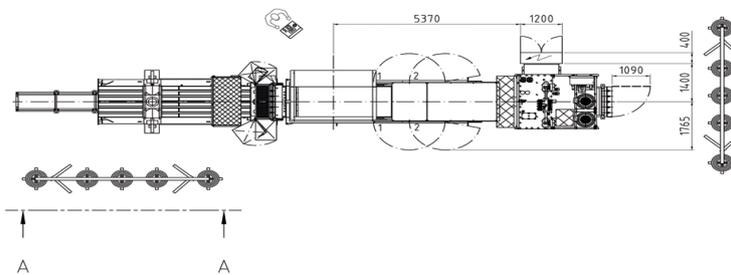
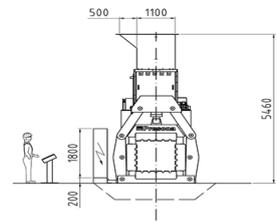
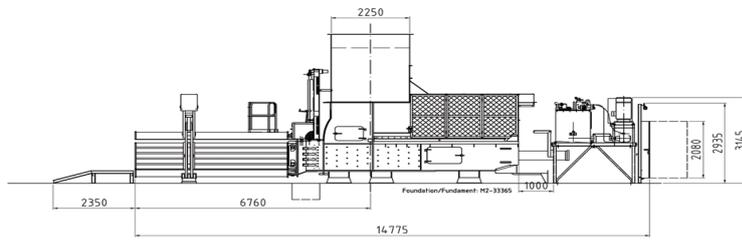
- Strapping system with five straight needles from above mounted on a needle assembly device on the frame
- Simple and reliable twisting unit with an eccentric drive with the possibility to set the number of twisting from the control panel for an optimized relation between wire consumption and stability of the ready bale
- Wire guiding system for big wire coils
- An additional strapping unit for four horizontal wires for maximum bale weight when baling PET bottles and other expandable materials (option).

### Control System

- Siemens PLC
- Premi HMI system for operation control and monitoring
- Quick couplings for quick and safe installation
- A photocell system for baler and conveyor operation
- Three photocell levels for maximum control of press cycle when baling materials with different materials with different pre-bale densities
- Stronger photocells (optional) for maximum control when baling dusty or greasy material
- GSM modem (optional) for online trouble shooting and software updates



## LP 140 XH General Dimensions



Subject to alterations / Änderungen vorbehalten

Technical Data		LP 140 XH1 S	LP 140 XH2 S
Theoretical volume capacity	m <sup>3</sup> /hour	1130	1260
Max volume capacity	m <sup>3</sup> /hour	690	820
Weight capacity	tonnes/hour	16 - 40	19 - 44
Feed opening L x W	mm	2250/1200 x 1100	2250/1200 x 1100
Bale size H x W (Length variable)	mm	1100 x 1100	1100 x 1100
Bale weight	Kg/m <sup>3</sup>	475 - 700	475 - 700
No. of vertical strapping wires		5	5
Press force pre-press	tonnes	50	50
Press force main press	tonnes	140	140
Specific pressure	N/cm <sup>2</sup>	114	114
Max oil pressure	Bar	280	280
Oil tank capacity	Litres	2000	2000
Press chamber volume	m <sup>3</sup>	5.3	5.3
Electric motor	kW	2 x 55	2 x 75
Oil cooler	kW	1 x 3,0	1 x 3,0
Net weight	tonnes	46	46

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.

For more information about our products, contact:

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