

## LP 100 DH S Pre-Press Technology Baler



### Friction Channel

- Friction channel pressure control within a fixed frame
- The upper and side friction flaps are pressure controlled by means of hydraulic cylinders
- the pressure is adjustable from the control panel

### Main press

- Top and bottom 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
- 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 30 mm long-life resistant steel

### Chassis

- Bottom plate made of 25 mm Hardox 400 long-life resistant steel
- Exchangable wear rails in the bottom

### Hydraulic System

- Main drive motor 2 x 55 kW (LP 100 DH4, LP 100 DH4 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

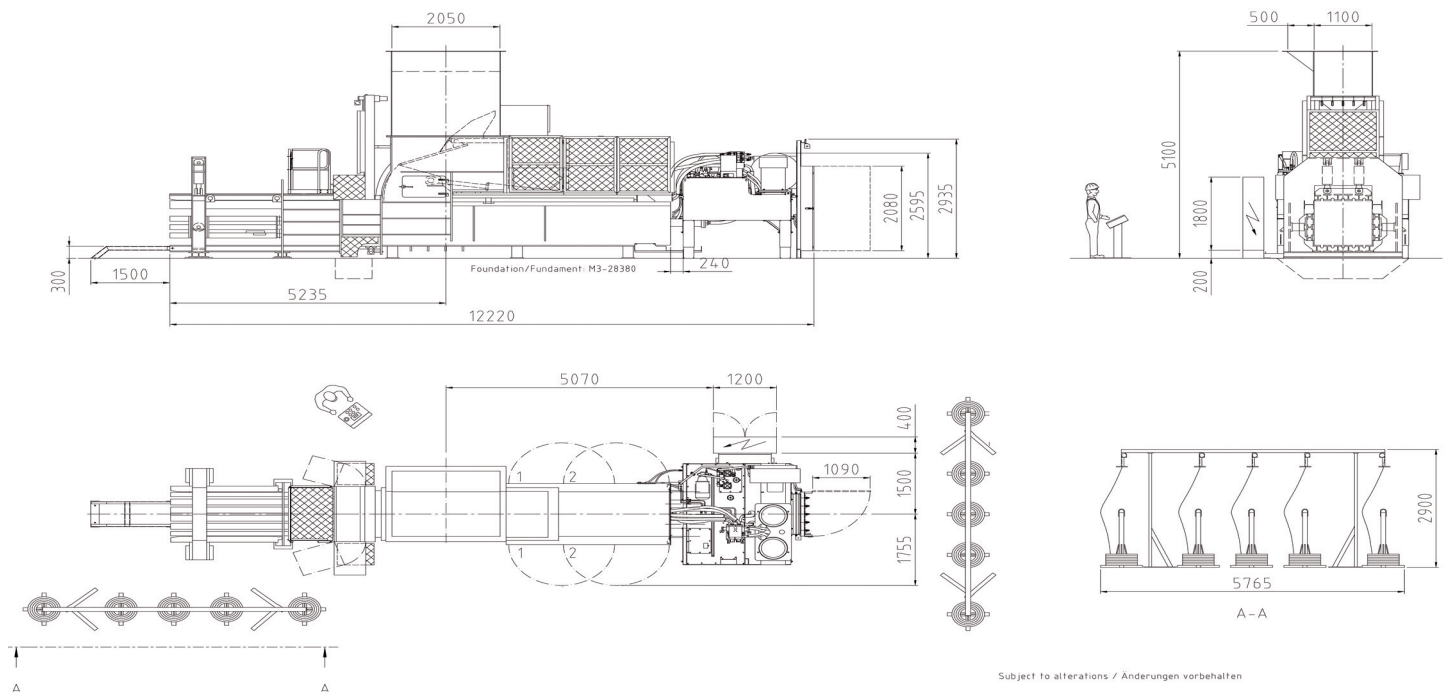
- Strapping system with five straight needles from above mounted on a needle assembly device on the frame
- Simple and reliable twisting unit with an eccentric drive with the possibility to set the number of twisting from the control panel for an optimized relation between wire consumption and stability of the ready bale
- Wire guiding system for big wire coils

### 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 convey control
- 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 100 DH4 S General Dimensions



Technical Data		LP 100 DH4	LP 100 DH4 S
Theoretical volume capacity	m <sup>3</sup> /hour	960	1170
Max volume capacity	m <sup>3</sup> /hour	550	720
Weight capacity	tonnes/hour	13 - 32	17 - 40
Feed opening L x W	mm	2050/1000 x 1100	2050/1000 x 1100
Bale size H x W (Length variable)	mm	750 x 1100	1100 x 1100
Bale weight	Kg/m <sup>3</sup>	500 - 725	450 - 600
No. of vertical strapping wires		5	5
Press force pre-press	tonnes	50	50
Press force main press	tonnes	100	100
Specific pressure	N/cm <sup>2</sup>	120	81
Max oil pressure	Bar	250	250
Oil tank capacity	Litres	2000	2000
Electric motor	kW	2 x 55	2 x 55
Oil cooler	kW	1 x 3,0	1 x 3,0
Net weight	tonnes	35	36

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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