Presona 40 OH Channel Baler

Presona 40 OH

A hydraulic horizontal baler developed for efficient waste paper handling for the packaging and printing industry. The baler has a very compact design and is extremely spacesaving thanks to its tying device with curved strapping needles. The hydraulic power pack and oil tank are directly mounted to the baler.

Connection to electrical mains supply is easy – no need for expensive electrical installations – the motor control center of the 40 OH is complete with fuses and switches. The main cable is simply connected to your mains supply.

Function

The material can be fed to the 40 OH either by means of a pneumatic conveying system or by a feeding conveyor. A photocell system in the feed hopper controls the material flow and the press operation.

Strapping

The 40 OH is equipped with a fully autmatic horizontal strapping unit with four strapping wires. Needles and twisting unit are working hydraulically and are driven from the main hydraulic unit. The wire brake always makes sure that the wire knots are placed on the short sides of the bale, reducing the tension on the wires and preventing the knots from unwinding. Another important advantage with the wire pulling system is the the wire ends can be kept extremely short (25 – 30 mm), which of course have a favourable effect on wire costs. The bale length is adjustable from the main control panel – bale length can be set from 50 mm and up.

Serviceability

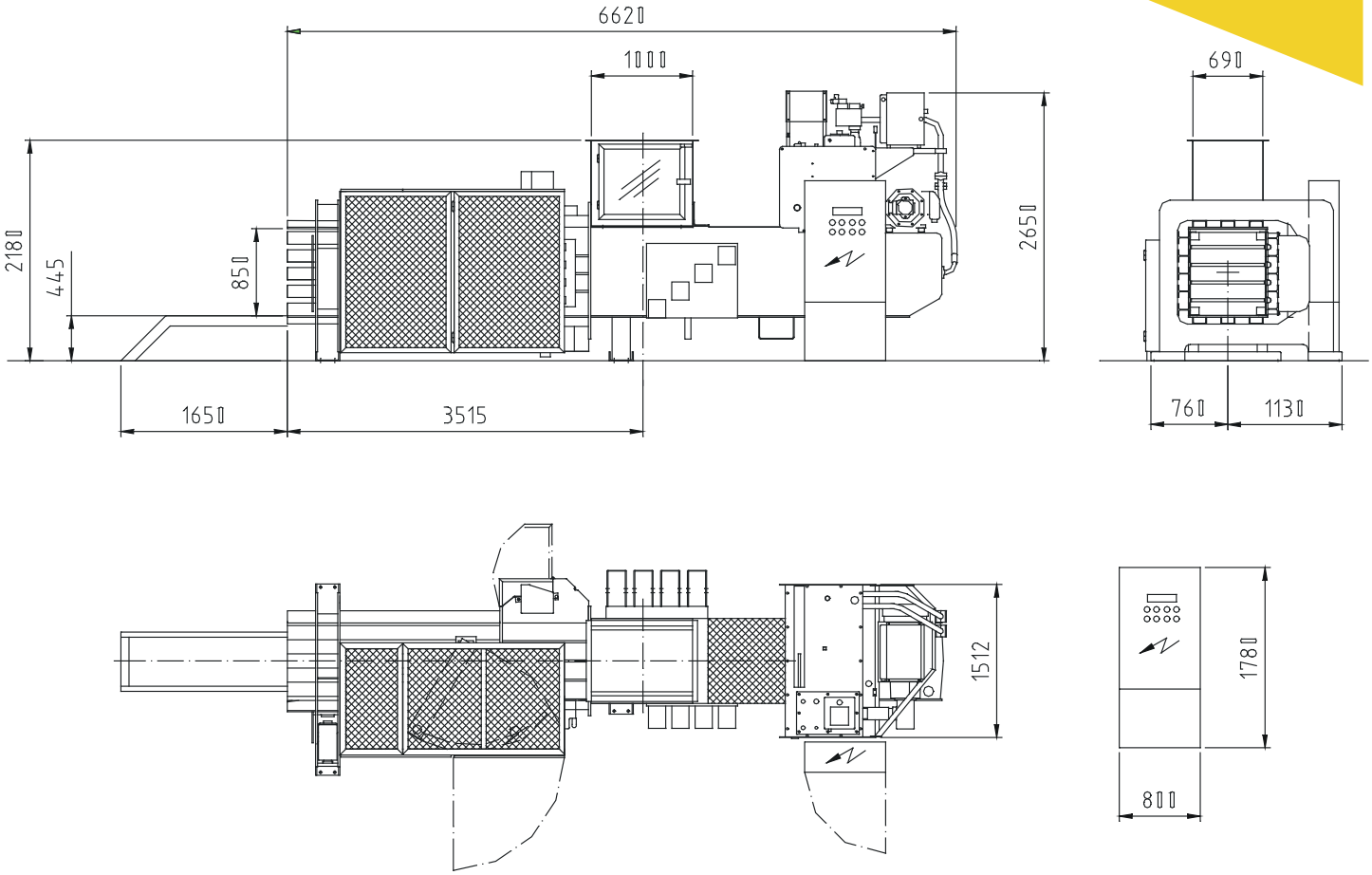
All access points have safety gates. The Presona balers are all manufactured according to the requirements of the CE regulations.

Safety

Safety first – all moving parts are covered by safety panels and gates, effectively preventing accidental contact. Panels and gates are equipped with safety switches, immediately turning the machine off and stopping all movements when a panel or gate is opened. Emergency stop buttons are strategically placed throughout the baler.

40 OH Dimensions

Presona®



Technical Data		40 OHI	40 OH2
Max volume capacity	m³/h	100	250
Weight capacity at pre-bale density*	t/h		
25 - 30 kg/m³	ca t/h	2,5 - 3,0	6,0 - 7,5
30 - 40 kg/m³	ca t/h	3,0 - 4,0	7,5 - 10,0
Feed opening L x W	mm	1000 x 690	1000 x 690
Press chamber volume	m³	0,77	0,77
Bale size W x H (Length varible)	ca mm	750 x 850	750 x 850
Bale density	ca kg/m³	300 - 400	300 - 400
Number of horizontal strapping wires	pcs	4	4
Press force	t	40	40
Specific pressure	kp/cm²	6,4	6,4
Max oil pressure	kp/cm²	200	200
Oil tank volume	l	600	600
Electric motor (400 V 50 Hz)	kW	15	30
Machine weight	ca t	7,6	8,2

*Material pre-bale density measured in the press chamber.

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.

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