

ECOPRESS Pro Auto tie Machine baler presses

Model EHB S75



ECOPRESS Pro Auto tie Machine balers has been developed in many areas for over 20 years. Wide model range of Ecopress PAM baler can suit and adopt efficiently to different capacity purposes. It depends on characteristics of the input material: density, composition, volume, size, moisture, etc. The production of the baler (tons per hour) considering different input densities is indicated in attached technical specification sheet. This data is only as a reference. For estimating the production the customer should take in to account that the baler needs some daily maintenance (cleaning) as indicated in the instruction manual and also feeding the machine properly.

GENERAL OPERATION

Baling - There are two pairs of sensors placed in the hopper of the baler for controlling the feeding operation located at the bottom. When the sensors of the bottom are activated the baler starts the compaction cycle, when those sensors are not activated the baler is in stand-by waiting for more material. The cycle starts when the ram moves forward introducing (compacting) the material inside the chamber and going back to the initial position. For making a bale the machine needs various cycles, depending on the desired bale density.

ECOPRESS Pro Auto tie Machine balers conform to Health & Safety and CE requirements of EU Directives 2006/42/EC, 89/392EEC, 91/368EEC, 93/44EEC, 93/68EEC on the safety of machinery and equipment and German accident prevention regulations.

FEATURES

- ✓ Low Energy Consumption
- ✓ Safe and easy usage
- ✓ Long life Low Noise (60 dB)
- ✓ Reliable Constriction
- ✓ Wire Driving
- ✓ Touch Screen 7" PLC Control
- ✓ Infrared Actuators 3 Set
- ✓ Continuous Feed Baler
- ✓ Automatic Wire Tie
- ✓ Machine comes with bale counter and info feed to PLC how much bale has been created
- ✓ Live pressure shows on the PLC
- ✓ Colour coding system for different materials in the operation system
- ✓ Pre define pressure settings system for different materials
- ✓ Hour counter, overloading, emergency stop, door open warning system are available
- ✓ A set of maintenance tools will be provided for the machine
- ✓ Automation package in feed management system
- ✓ Body shear blade/adjustable cutting knives in replaceable
- ✓ Hopper view door
- ✓ Free-standing operator centre
- ✓ Automation switch-off when filling is not in process
- ✓ Compaction chamber floor Replaceable HARDOX plates.
- ✓ Machine automation troubleshoot is possible through laptop over internet.
- ✓ Special electronic security device for inspection access door.



TECHNICAL INFORMATION:

General Performance Specifications	
Main Motor Power	1 x 22 kW
Bale Size (width x height x length)	1100 mm x 750 mm x variable bale length mm
Main RAM Cycle Time	22 sec (When the hopper is empty)
Oil Tank Capacity	1000 liters
Press Capacity at 50kg/m ³	3 – 4 tons/hour (Depending on feeding)
Bale Weight	400 – 500 kg/p
Volumetric Capacity	70 – 90 m ³ /hour
Number of Wire	4 horizontal
Wire Binding System	Hydraulic Push-Cutting Folding
Total Force	Max 70 tons

Dimensional Specifications	
Hopper Opening	1450 mm x 1020 mm
Machine Length	6210 mm
Machine Width	4050 mm
Machine Height	3800 mm
Machine Weight	~ 13.000 kg

Electrical Specifications	
Main Voltage	400 Volt – 3 phase – 50 Hz
Control Voltage	24 Volt DC
Programmable Controller & Operator Interface	DELTA PLC & 7" Touch Screen Colour Display
Automation Components	Brand : Schneider Germany
Automation Management System	ECOPRESS PAM
Hydraulic Specifications	
Power Pack Type	Hydrologic and the regenerative block
Pump System	Variable Displacement Piston Pump (Brand: Kawasaki England)
Power Pack Location	Backside of Hydraulic Unit
Hydraulic Hoses	Dunlop or Equivalent R9 Hoses
Oil Level Indicator	✓
Oil Temperature Indicator	✓
Structure	Sliding Quadrant
Filling Hopper Sensor	2 Sensor Specially Positioned
Conveyor Control, Bale Counter, Observation Window	Standard
Emergency Stop Assembly	✓

Pet Perforator Specifications	
Teeth	Changeable hardness knives
Motor Power	2 x 2.2 kW
Moving Inside The Hoper (sliding system)	yes
* Machine Length, Width & Height	Changeable data
Baler Feeding Conveyor Specifications	
Bevel Gear Box Type	3 kw Motor with heavy duty using bevel gear box
Conveyor Belt Type	V-Type Heavy Duty
Pallet Type	Steel Pallet
Overload Warning and Automation Stop Feature	yes
Conveyor Width (wall to wall)	1450 mm
Conveyor Length	13000 mm
Underground Distance	3000 mm
Incline Distance	8000 mm

