



AUTO-TIE HORIZONTAL BALER

SUPER 100

The Super 100 fully automatic horizontal baler is one of our higher capacity machines with a 100-ton total force press capacity. It can process all types of OCC, PET, HDPE, paper, nylon, metal and cans. When used as a PET bottle press a PET perforator can be installed.

The Super 100 can operate with or without a conveyor, creating bales with an average weight of 550-650 kg and tying them automatically at a rate of 5-7 tons per hour.



GENERAL PERFORMANCE SPECIFICATION

Main motor power	1 x 37 kw
Bale size (width x height x length)	1100 mm x 750 mm x variable bale length mm
Main RAM cycle time	20 sec (when the hopper is empty)
Oil tank capacity	1400 Litres
Press capacity at 50kg/m ³	Up to 7 ton/hour (depending on feeding)
Bale weight	Up to 700 kg/bale
Total force	Max 99 tons

DIMENSIONAL SPECIFICATIONS

Hopper opening	1700 mm X 1020 mm
Machine length	8740 mm
Machine width	4420 mm
Machine height	4270 mm
Machine weight	~ 9.500 kg

For further information and technical data, contact our sales staff at: Rough Hey Road, Preston, PR2 5AR
t: +44 (0)1772 796688 e: sales@pakawaste.co.uk w: www.pakawaste.co.uk

Pakawaste Ltd. reserves the right to make alterations to equipment design and specification without prior notice.
Photographs for illustration purposes only.

ELECTRICAL SPECIFICATION

Main voltage	400 volt – 3 phase – 50 Hz
Control voltage	24 volt DC
Programmable controller & operator interface	DELTA /FATEK PLC & 7” touch screen colour display
Automation components	Brand : Schneider Germany

HYDRAULIC SPECIFICATION

Power pack type	High flow hydro-logic manifold
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	✓
RAM structure	Sliding quadrant

PET PERFORATOR SPECIFICATION

Teeth	Changeable hardness knives
Motor power	2 x 2.2kw
Moving inside the hopper (sliding system)	✓
Machine length, width & height	Changeable data

GENERAL FEATURES

- “Bamatic” twister box and inserter assembly can pivot for easy maintenance
- Wire cutting & twisting is powered by hydraulic motor. Infrared actuators photo eye/electromagnetic switch 3 point in the hopper
- Stamper system at front of machine (optional) - long range positioning
- Shear blade replaceable/adjustable
- Conveyor controls and starters
- Machine overrun control shut-down timer
- Remote access - troubleshooting
- Low energy consumption
- Automatic shut-down standby mode if no material is present/adjustable
- Bale counter display on PLC
- Low noise (60 dB)
- Bale slide/conveyor

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GENERAL FEATURES

Touch screen 7" PLC control

Hopper sensors control in waste hopper

Live pressure easily adjustable on PLC

Operator friendly control system

Pre defined pressure settings for different materials

A set of maintenance tools will be provided for the machine

Shear blade replaceable/adjustable

Hopper view door

Free-standing operator centre available

Bale chamber replaceable wear plates

Electronic security device for inspection and access door. (magnetic coded two way device)

The loading hopper is equipped with service door