



## AUTO-TIE HORIZONTAL BALER

# SUPER 90

The high capacity Super 90 produces a bale size of 1100mm x 750mm x variable lengths. Its powerful hydraulics, motor, pump and piston produce a 4–6-ton capacity per hour with a total force press capacity of 90 tons.

Fully automatic, 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 90 can operate with or without a conveyor, creating bales with an average weight of 500-650 kg and tying them automatically.



## GENERAL PERFORMANCE SPECIFICATION

Main motor power	1 x 30 kw
Bale size (width x height x length)	1100 mm x 750 mm x variable bale length mm
Main RAM cycle time	~ 22 sec
Oil tank capacity	1400 litres
Press capacity at 50kg/m <sup>3</sup>	Up to 6 tons/hour (depending on feeding)
Bale weight	500 – 650 kg
Number of wire	4 horizontal
Total force	Max 89 tons

## DIMENSIONAL SPECIFICATIONS

Hopper opening	1650 mm x 1020 mm
Machine length	8750 mm
Machine width	1900 mm
Machine height	4600 mm
Machine weight	~ 16000 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.



Certificate Number: 12818  
| ISO 9001 | ISO 14001 | ISO 45001



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**ELECTRICAL SPECIFICATION**

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

**HYDRAULIC SPECIFICATION**

Power pack type	High flow hydrological manifold
Pump system	Variable displacement piston pump (Brand: Kawasaki England)
Power pack location	Backside of hydraulic unit
Oil cooling system	Big air cooler
Filtration	60 micron
Circulation pump	60 L. hydraulic pump
Running temperature	45 - 65°C

**GENERAL FEATURES**

- “Bamatic” twister box and inserter assembly can pivot for easy maintenance
- Cutting is mechanical and twister hydraulic motor with redactor controlled infrared actuators photo eye/electromagnetic switch 3 point
- Shear blade replaceable/adjustable
- Conveyor controls
- Machine overrun control shutdown timer
- 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
- Touch screen 7" PLC control
- Hopper sensors control in waste hopper
- Live pressure is 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
- Hopper view door
- Free-standing operator centre available

**GENERAL FEATURES**

- Bale chamber replaceable wear plates
- Remote access - trouble shooting
- Electronic security device for inspection and access door. (magnetic coded two way device)
- The loading hopper is equipped with service door

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