



**Environmental Waste Equipment**

## Semi-Auto Tie Horizontal Baler



Our Semi automatic baler has a 15kw motor and produces a 'mill size' bale weighing between 450-650kg depending on the product. The baler is suitable for a wide range of materials including cardboard, paper, plastics and cans.

Features of the baler are: full chamber penetration - ensuring maximum use of the press force available, full shear blade - multi piece replaceable shear blade for optimum bale integrity, full bale ejection - reducing baler down time and allowing flexible small quantity baling. The baler is of all welded construction. It features a 1500mm x 1050mm charge box which can process large particles of waste directly without pre-treatment. The bale length is variable between 800mm - 1400mm.

The semi automatic baler has a 50 second cycle time which combined with an efficient and quick bale tie off system can enable the machine to process up to 2 tonnes per hour. Feed options include hydraulic bin tipper, conveyor and chute.

### Heavy Duty range for different applications:

- Semi automatic 55 tonne pressure foam baler
  - Semi automatic 65 tonne pressure plastic bottle/plastic
- Semi automatic 70 tonne pressure can baler/non ferrous

### Features and Benefits

- Full bale eject
- Full penetration for maximum compaction
- Fast cycle time
- Full shear assembly
- Quiet operation
- Wire guides for quick and easy tie-

### **General Specification**

Loading Hopper  
 Bale Size  
 Bale Weight  
 Overall Dimensions  
  
 Weight  
 Stroke speed  
 Pressure  
 Hydraulic Pump

1500 x 1050mm  
 800 x 1100 x 1450mm  
 600kgs  
 7250mm (inc cylinder)  
 x 1460mm x 2105mm  
 (inc exit door)  
 5500kg  
 50 sec  
 400kN  
 Twin Vane 57+24 litres per min

- offs
- PLC controlled
- Interlocked safety guards
- Bale ready indicator
- Photo cell start
- CE compliant

### Options

- Customer designed hopper
- Conveyor or chute feed
- Remote telemetry
- Integrated bin tipper
- Oil heater
- Temperature shut down

Main Cylinder  
Volume  
Bale Eject  
Shear Assembly  
Tie Method

Fabrication  
Liners  
Guidance  
Electrical  
Supply

@ 200bar  
160 x 210 2500mm stroke  
80 m<sup>3</sup>/hr  
Full  
Fully Reversible  
Manual 4 x steel/fabric, 3.0mm x  
5000mm  
Fully welded construction  
T1 Replaceable  
Polyimide Replaceable  
15kW  
415V 3ø50~

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