

Designed and made
entirely in
Somerset

ME70 closed end baler

Semi-automatic • bales cans, PET, paper & board • simple to operate • rugged design



Left: ME70 with hopper and conveyor from door end.
Above: side view showing easily accessible service points.
Below: bale being easily handled with use of pallet truck.



This design of closed end baler is ideal for local authorities and small distribution depots. Designed and built in our Somerset workshops, it will give better than 20 year's hard working life.

Delivering a 70t pressure it produces a mill size bale measuring 1530mm x 750mm x 1050mm. The picture at top right here shows one of the first three built for our client Severnside Recycling at their Plymouth MRF depot. The installation includes conveyors, hoppers, separators and star screen.

The ME70 has been designed with four main aims in mind:

- Easy to operate
- Able to handle wide range of waste materials
- Rugged, well proven design capable of better than 20 year working life
- Easy to maintain

A diagnostic panel shows what stage of the cycle the baler is at and pinpoints any faults in operation enabling operators to eradicate any problems on site. Several fail-safe features are built in.

The high pressure obtained enables compact bales to be achieved reducing transport costs. For example a bale of tin cans could weigh around 550kgs, news and PAMS at 700kgs, depending on the product and condition.

Middleton Engineering have been involved with baling equipment for the past 30 years and have always produced high standards of build: this ME70 baler continues the tradition for which we are renowned.



Photos taken at
Severnside's
MRF at
Plymouth

MIDDLETON ENGINEERING Ltd

Recycling Division : Glastonbury · Somerset

Tel 01458 860264 · fax 01458 860311

website · www.middletonengineering.co.uk

email · sales@middletonengineering.co.uk



Presona
baler specialists since 1987



ME70 closed end baler

Semi-automatic • bales cans, PET, paper & board • simple to operate • rugged design

General Specifications

Height	1,771mm loading – 1,372mm frame
Length	4,776mm, (6,250mm door open)
Width	2,000mm
Feed Opening	1,000mm long x 1420mm wide
Approx. Shipping Weight	9,500 kg
<i>Hydraulics</i>	
Pump	Double vane pump
Cylinders	2 x ϕ 160mm bore x 1,900mm stroke x ϕ 90mm hard chrome rod
Oil reservoir	750 litres
Door Latch Cylinder	ϕ 100mm bore x 150mm stroke x ϕ 50cm rod
<i>Electrical</i>	
Motor	22 kW (30 hp)
Controls	PLC controlled with fault diagnostics: CE Approved
<i>Performance data</i>	
Hydraulic system pressure	250 bar 250 Mpa
Overall platen force	70 tonne
Cycle Time	29 sec, full stroke
Bale size	1530mm wide x 750mm high x 1050mm

Approximate bale weights (average)

OCC	550 kgs
Aluminium Cans	300 kgs
HDPE	450 kgs
News & Pams	700 kgs
Office paper	700 kgs
PET	400 kgs
Tin Cans	550 kgs

Please note: weights given are dependant on incoming densities, moisture and content.



Top: The ME70 has a simple fault diagnostic panel that shows the operators the state of the baler at any time, making it easier for staff to solve any problems themselves thus keeping down time to a minimum. The control panel is designed by us, and is programmable according to client needs.



Serviceable items are readily accessible.



Bales of PET bottles above and cans below.

