

Baler is best for high volumes

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What is your product?

Middleton Engineering's HB60 range of horizontal channel balers meets the demanding requirements of waste and recycling organisations dealing with high volumes of waste paper, card and packaging.

How does it work?

The fully automatic HB60 baler processes bulky waste products into high-density, stable bales that are cost- efficient to store and transport. Compression can be adjusted for maximum reduction of volume.

Where would it ideally be used?

The HB60 performs best on a continuous basis on large quantities of waste. Due to its low headroom and small footprint, it is perfect for most locations as it is just 6.8m long. Its press force is 60 tonnes and the machine has a throughput of up to 20 tonnes per hour, dependant on material and feed method.

How is it different?

The HB60 range has a shear press model incorporating a cutting blade as part of the ram, a pre-press designed for greater compaction and speed and a mobile 'hook-lift' model to be quickly transported between sites.

Two tying options for securing bales are available, steel wire or polypropylene (PP) twine, and there are four motor sizes, from 22kW to 45kW.

What benefits does it offer?

Tying bales with PP twine reduces running costs, from £2 with steel 30p for twine.

Large motor versions give a 20 tonnes per hour throughput compared with other manufacturers' more expensive 80- or 100-tonne models, yet with a smaller footprint.

Where has it been used?

The Co-op successfully uses a number of HB60s at various distribution centres.

Cost?

Cost depends on configuration. A basic HB60 shear press is just under £100,000 with a pre-press model starting at £155,000.

What about maintenance?

Some routine maintenance tasks can be carried out in-house. But biannual servicing is recommended to deliver optimal performance, prevent breakdowns and costly production downtime.

What is its life span?

Twenty years or more.

Any future applications?

We see the energy-from-waste sector to be the future for waste management, and this baler technology is at the forefront.

How many have you sold and where?

To date, 33 HB60s have been sold to 27 customers throughout the UK and mainland Europe.

For details visit: www.middletonengineering.co.uk