

# Vertical Balers

## Product Specification Sheets

for

**EWPR124 – Mini Baler**

**EWPR122 – Midi Baler**

**EWPR123 – Mill Size Baler**



# WASTE - EQUIPMENT SERVICES



## VERTICAL BALERS

### Introduction:

It is widely accepted that all companies and organisations have a responsibility to reduce the amount of waste being sent to landfill. This can only be achieved by correct and thorough separation of waste into individual waste streams and to recycle as much of that waste as is practical.

With the correct processes and protocols in place, waste streams such as cardboard, paper, plastics and cans are easily separated and can be baled into manageable loads using a vertical baler.

The choice of which baler is right for you will be governed by several key factors which may include;

- ✓ Volume of waste produced.
- ✓ Available space to install the baler.
- ✓ Space around the baler for safe operation.
- ✓ Access to the baler for safe movement of completed bales.
- ✓ Power supplies available - 240 Volt/3 Phase?

Waste Equipment Services provide a range of vertical balers individually tailored to your needs and particular application. We will carefully analyse your individual waste streams, look closely at your site and staffing levels and advise the best option for you to maximise your recycling and **REDUCE YOUR OVERALL CARBON FOOTPRINT.**

### Advantages of Balers:



- ✓ Large reduction in waste going to landfill.
- ✓ Reduced carbon footprint
- ✓ Savings in labour handling costs.
- ✓ Savings in carrier collection costs (fewer bins).
- ✓ Reduced storage requirements (fewer bins).
- ✓ **REBATES FROM SELLING BALED MATERIAL**
- ✓ Simple and easy machine operation.
- ✓ Small machine footprint.
- ✓ Fully Self-contained units.
- ✓ No need to pre-crush waste material.
- ✓ Statutory Induction Training with machine install.



### Cardboard Recycling Facts:

- ✓ Recycled paper produces 73% less air pollution than if it was made from raw materials.
- ✓ It takes 24 trees to make 1 ton of newspaper.
- ✓ Some examples of recyclable cardboard (and paper).  
Cardboard boxes e.g. cereal boxes, shoe boxes etc., cardboard packaging and cores, multi-grade paper (from printers), sorted office waste paper i.e. copier paper, white letter, plain envelopes etc.
- ✓ Recycling one ton of cardboard can save 390 kWh of energy & 1.1 barrels (46 gal.) of oil.
- ✓ Recycling 1 ton of corrugated cardboard saves 700 gallons of water.
- ✓ Recycling one ton of cardboard saves over 9 cubic yards of landfill space.
- ✓ Recycled cardboard saves 24% of the total energy needed for new cardboard.
- ✓ On average, the recycled content of a cardboard box is about 59%.
- ✓ 17 billion cardboard tubes are thrown in the trash each year.

**Waste Equipment Services would be pleased to visit your site for a full assessment of your baling needs by looking at site logistics & waste volumes and advise which baler solution is best suited to your individual requirements**

#### DIRECT PURCHASE or FLEXIBLE RENTAL AGREEMENT

Contact us to discuss your individual requirements

Telephone: 0330 223 0895 E-Mail: [hello@waste-equip.co.uk](mailto:hello@waste-equip.co.uk)

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# WASTE - EQUIPMENT SERVICES



## VERTICAL BALERS

### Introduction:

The most common waste streams for baling are cardboard, paper, plastics and cans and as we have said previously, the choice of which baler is right for you will largely depend on the volume produced for each individual waste stream and the ergonomics of your particular site.

Whilst most larger companies and organisations are well accustomed to mechanised waste processing, smaller companies may well have never even considered it as a viable option due to advice given to them by their waste carrier or for cost reasons. In general, the waste carriers would much prefer you to have as many of their bins as possible and will readily offer to increase the frequency of their collections. This is very much in the carriers interest but is it the right thing for YOU the customer when you weight up ALL the factors involved?

In our experience, even if the volume of your potential recyclables is only 'Small to Medium', the benefits to you and your site of mechanising certain elements of your waste processing by baling recyclables is a 'Win-Win' situation;

**POTENTIAL COST SAVINGS - LESS GENERAL WASTE - FEWER BINS - EASIER HANDLING – CLEANER TIDIER & SAFER SITE**

From an **ENVIRONMENTAL** and **ETHICAL** standpoint it is even clearer and very simple;

**BETTER WASTE STREAM SEPARATION = IMPROVED RECYCLING = LESS TO LANDFILL = REDUCED CARBON FOOTPRINT**

### Advantages of Balers & Options:



- ✓ **MINI BALER – small to medium waste volumes.**
- ✓ **MIDI BALER – medium waste volumes.**
- ✓ **MILL SIZE BALER – high waste volumes.**
- ✓ Up to 90% reduction in cardboard volume.
- ✓ Single person operation.
- ✓ Automated baling cycle
- ✓ Reduced fire risk from baled card/paper products.
- ✓ Cleaner, tidier and safer site management.
- ✓ **REBATES FROM SELLING BALED MATERIAL**
- ✓ Easier Handling of baled materials.
- ✓ **LESS GENERAL WASTE TO LANDFILL**



### Plastic Recycling Facts:

- ✓ Most families throw away about 40kg of plastic per year, which could otherwise be recycled.
- ✓ The use of plastic in Western Europe is growing about 4% each year.
- ✓ Plastic can take up to 500 years to decompose.
- ✓ Specifically, Polyethylene Terephthalate (PET) plastic bottles take 400 years to naturally decompose.
- ✓ Used PET packaging is known as "post-consumer PET" in the recycling industry.
- ✓ "Post-consumer PET" is commonly recycled into clothing, bedding & other products.
- ✓ Approximately 50 percent of plastic is used just once & then throw away.
- ✓ One million sea birds & 100,000 marine mammals are killed annually from discarded plastic in the seas.
- ✓ Annually approximately 500 billion plastic bags are used worldwide.

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## WASTE - EQUIPMENT SERVICES



### MINI BALER – Product Code: EWPR124

The **EWPR124 MINI BALER** is a compact solution which enables it to cater for low to medium volume users with sites that have limited space availability or specific budgetary requirements.

Our high quality balers have been designed for you, the end user, they are simple to use and very efficient with a quick return plate for ease and speed of operation.

We have off the shelf balers such as **EWPR124** and we can make bespoke balers specifically to fit the confines of your preferred location. We start with a mini and go all the way up to the industrial horizontal semi-automatic baler, so whether big or small requirements we have the baling solution for you.

All equipment is manufactured with all safety requirements in accordance with CE directives.

- ✓ High Density Bales
- ✓ 750mm Wide Loading aperture
- ✓ 6 tons Packing Force
- ✓ Wire or Heavy Duty Tape Bale
- ✓ Bale Eject Mechanism
- ✓ Suitable for Indoor & Outdoor Use
- ✓ Robust Design
- ✓ Easy Operation, One Push Start
- ✓ Reduced Labour Input & Costs
- ✓ Bales up to 100 kg
- ✓ Faster Loading
- ✓ Increased Payloads



#### Specification - Mini Baler (EWPR124)

Bale Size (mm)	700mm (W) x 600mm (D) x 600mm (H)
Bale Weights (kgs)	50 kg - 100 kg
Packing Force (tons)	6 tons
Cycle Timer (secs)	33 secs.
Electric Motor (KW/phase)	1.85 KW / 1 phase
Control Voltage (volts)	24 volts
Loading Aperture (mm)	750mm (W) x 450mm (H)
Bale Tying	Heavy Duty Tape or Wire
Machine Dimensions (mm)	915mm (W) x 850mm (D) x 2138mm (H)
Shipment Height (mm)	2138mm
Shipment Weight (kgs)	550 kgs

Due to continued product development, designs and specifications are subject to change without notice.

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## WASTE - EQUIPMENT SERVICES



### MIDI BALER – Product Code: EWPR122

The **EWPR122 MIDI BALER** is a compact solution which enables it to cater for medium volume users with sites that have limited space availability or specific budgetary requirements.

Our high quality balers have been designed for you, the end user, they are simple to use and very efficient with a quick return plate for ease and speed of operation.

We have off the shelf balers such as **EWPR122** and we can make bespoke balers specifically to fit the confines of your preferred location. We start with a mini and go all the way up to the industrial horizontal semi-automatic baler, so whether you have big or small requirements we have the baling solution for you.

All equipment is manufactured with all safety requirements in accordance with CE directives.

- ✓ High Density Bales
- ✓ Extra Wide Loading aperture
- ✓ 16 tons Packing Force
- ✓ Wire or Heavy Duty Tape Bale
- ✓ Pre Full & Bale Full Warning
- ✓ Bale Eject Mechanism
- ✓ Suitable for Indoor & Outdoor Use
- ✓ Robust Design
- ✓ Easy Operation, One Push Start
- ✓ Reduced Labour Input & Costs
- ✓ Bales up to 250 kg
- ✓ Faster Loading & Increased Payloads



Typical Panel



#### Specification - Midi Baler (EWPR122)

Bale Size (mm)	1100mm (W) x 700mm (D) x 700mm (H)
Bale Weights (kgs)	150 kg - 200 kg
Packing Force (tons)	16 tons
Cycle Timer (secs)	35 secs.
Electric Motor (KW/phase)	2.2 KW / 1 phase
Control Voltage (volts)	24 volts
Loading Aperture (mm)	1100mm (W) x 500mm (H)
Bale Tying	Heavy Duty Tape or Wire
Machine Dimensions (mm)	1350mm (W) x 1100mm (D) x 2500mm (H)
Shipment Height (mm)	2500mm
Shipment Weight (kgs)	950 kgs

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### MILL SIZE BALER – Product Code: EWPR123

The **EWPR123 MILL SIZE BALER** is a compact solution which enables it to cater for high volume users with sites that have limited space availability or specific budgetary requirements.

Our high quality balers have been designed for you, the end user, they are simple to use and very efficient with a quick return plate for ease and speed of operation.

We have off the shelf balers such as **EWPR123** and we can make bespoke balers specifically to fit the confines of your preferred location. We start with a mini and go all the way up to the industrial horizontal semi-automatic baler, so whether you have big or small requirements we have the baling solution for you.

All equipment is manufactured with all safety requirements in accordance with CE directives.

- ✓ Robust Design
- ✓ Easy Operation, One Push Start
- ✓ Reduced Labour Input & Costs
- ✓ Large Bales up to 500 kg
- ✓ Faster Loading
- ✓ Increased Payloads
- ✓ High Density Bales
- ✓ Large Loading Aperture
- ✓ 32 tons Packing Force
- ✓ Wire or Heavy Duty Tape Tying
- ✓ Pre Bale & Full Bale Warnings
- ✓ Suitable for Indoor & Outdoor Use



Typical Panel



#### Specification - Mill Baler (EWPR123)

Bale Size (mm)	1200mm (W) x 800mm (D) x 1200mm (H)
Bale Weights (kgs)	450 kg - 500 kg
Packing Force (tons)	32 tons
Cycle Timer (secs)	47 secs.
Electric Motor (KW/phase)	5.5 KW / 3 phase
Control Voltage (volts)	24 volts
Loading Aperture (mm)	1250mm (W) x 600mm (H)
Bale Tying	Heavy Duty Tape or Wire
Machine Dimensions (mm)	1500mm (W) x 1400mm (D) x 3780mm (H)
Shipment Height (mm)	2515mm
Shipment Weight (kgs)	1720 kgs

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