

CE

MACFAB 
your waste our solutions



Our Balers can reduce waste volume by up to 90%
and dramatically save on waste disposal charges

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At MACFAB we are committed to the development and expansion of our MACFAB Baler Range, due to this there may be some amendments or additions to the products listed above. If you have any queries please do not hesitate to contact us at sales@MACFAB.com

INTRODUCTION



Founded in 1976 MACFAB has over 30 years experience in the development, production and fabrication of machinery. After 20 years success in manufacturing prestressed concrete equipment we launched our waste disposal range in 1996.

Over the past number of years we have established ourselves as market leaders in waste disposal equipment. Our extensive experience, commitment to quality and investment in design ensure our customers receive products and services which provide long term waste solutions at affordable prices.

Our equipment is designed and manufactured at our purpose built facility with all equipment conforming to the highest international standards.

We welcome any opportunity to discuss how our range of recycling equipment will help you obtain optimum results in the reduction of recycling costs and waste volume.

Eugene Mc Mahon

Eugene McMahon
MANAGING DIRECTOR

MACFAB 40

Baler Dimensions

Height	1.694 m
Width	0.718 m
Depth	0.630 m
Weight	140 kg
Transportation Ht	1.40 m
Power Supply	220 - 240 V (single phase)
Motor	1.5 kW 13 Amp
Pressing Force	up to 2.0 Ton
Noise Level	72 decibels

Bale Dimensions

Height	0.600 m
Width	0.535 m
Depth	0.460 m
Weight	40 kg (depending on material used)
Cycle Times	20 seconds

Loading Aperture Sizes

Height	0.490 m
Width	0.535 m
Depth	0.460 m



DIAGRAM OF HEIGHT



Features

- The smallest baler in the MACFAB range
- Ideal for locations where space and height is restricted
- Produces a very small compact bale
- Suitable for small volumes of waste

- Suitable for garage forecourts, retail outlets, offices, small hospitality establishments and businesses in city locations

Optional Extra:

- Bale Lifting Trolley
- Available with 110 volts power supply

MACFAB 55

Baler Dimensions

Height	1.94 m
Width	0.88 m
Depth	0.63 m
Weight	205 kg
Transportation Ht	1.63 m
Power Supply	220 - 230 V (single phase)
Motor	1.5 kW 13 Amp
Pressing Force	up to 2.0 Ton
Noise Level	72 decibels

Loading Aperture Sizes

Height	0.470 m
Width	0.560 m
Depth	0.495 m

Bale Dimensions

Height	0.800 m
Width	0.560 m
Depth	0.495 m
Weight	Up to 55 kg (depending on material used)
Cycle Times	20 seconds

BALER TROLLEY



Features

- Compact design makes this machine ideal for locations where space is at a minimum e.g. garage forecourts, retail outlets, offices, pubs, restaurants and fast food outlets
- Suitable for small volumes of waste

Optional Extra:

- Available with 110 volts power supply
- Bale Lifting Trolley

MACFAB 75

Baler Dimensions

Height	2.30 m
Width	1.04 m
Depth	0.72 m
Weight	270 kg
Transportation Ht	1.80 m
Power Supply	220 - 230 V (single phase)
Motor	1.5 kW 13 Amp
Pressing Force	up to 3.5 Ton
Noise Level	72 decibels

Bale Dimensions

Height	1.00 m
Width	0.70 m
Depth	0.50 m
Weight	Up to 75 kg (depending on material used)
Cycle Times	24 seconds

Loading Aperture Sizes

Height	0.698 m
Width	0.700 m
Depth	0.500 m



CAN CRUSHER INSERT



DIAGRAM OF HEIGHT



Baler Features

- Suitable for positioning where space is limited
- For small to medium volumes of waste

Optional Extras:

- Available with 110 volts power supply
- Bale Lifting Trolley

- MACFAB Can Crusher Insert: For compaction of cans and tins from 5 Lt - 20 Lt. The Crusher Insert raises the can to allow the press head to compact with full stroke. Can also be used for plastic containers, steel cans and fibre cans

MACFAB 75 MULTI CHAMBER

Baler Dimensions

Height	1.969 m
Width	2.050 m
Depth	0.872 m
Weight	562 kg
Transportation Ht	1.969 m
Power Supply	220 - 240 V (single phase)
Motor	1.5 kW 13 Amp
Pressing Force	up to 3.5 Ton
Noise Level	72 decibels

Bale Dimensions

Height	1.00 m
Width	0.70 m
Depth	0.50 m
Weight	Up to 75 kg (depending on material used)
Cycle Times	35 seconds

Loading Aperture Sizes

Width	0.70 m
Depth	0.50 m



DIAGRAM OF HEIGHT



WITH EXTRA CHAMBER



Features

- Saves handling time with multiple chambers: free to load while other chamber compacts
- Multiple chambers offer an efficient way of separating different materials before baling
- Suitable for positioning where height is restricted

- Retaining claws to prevent spring back
- Roller guided head for ease of movement

Optional Extra:

- Additional chambers may be added (up to six)
- Available with 110 volts power supply
- Bale Lifting Trolley

MACFAB 150

Baler Dimensions

Height	2.600 m
Width	1.560 m
Depth	1.030 m
Weight	780 kg
Transportation Ht	1.955 m
Power Supply	220 - 240 V (single phase)
Motor	2.2 kW 16 Amp
Pressing Force	up to 8 Ton
Noise Level	74 decibels

Bale Dimensions

Height	1.00 m
Width	0.975 m
Depth	0.80 m
Weight	Up to 150 kg (depending on material used)
Cycle Times	40 seconds

Loading Aperture Sizes

Height	0.470 m
Width	0.975 m
Depth	0.800 m

BALE SHAPER



Features

- Bale weight output 150 kg
- A mid range baler with easy loading for large size boxes
- Retaining Claws to reduce spring back
- Fully automated bale ejector : simplifies removal of bale

Optional Extra:

- Available with 110 volts power supply
- Unique patented prong shaper design eliminates the need for pallets when lifting, stacking and transporting bales

MACFAB 200 MULTI CHAMBER

Baler Dimensions

Height	2.469 m
Width	3.032 m
Depth	1.269 m
Weight	1400 kg
Transportation Ht	2.469 m
Power Supply	220 - 240 V (single phase)
Motor	2.2 kW 16Amp
Pressing Force	up to 8 Ton
Noise Level	74 decibels

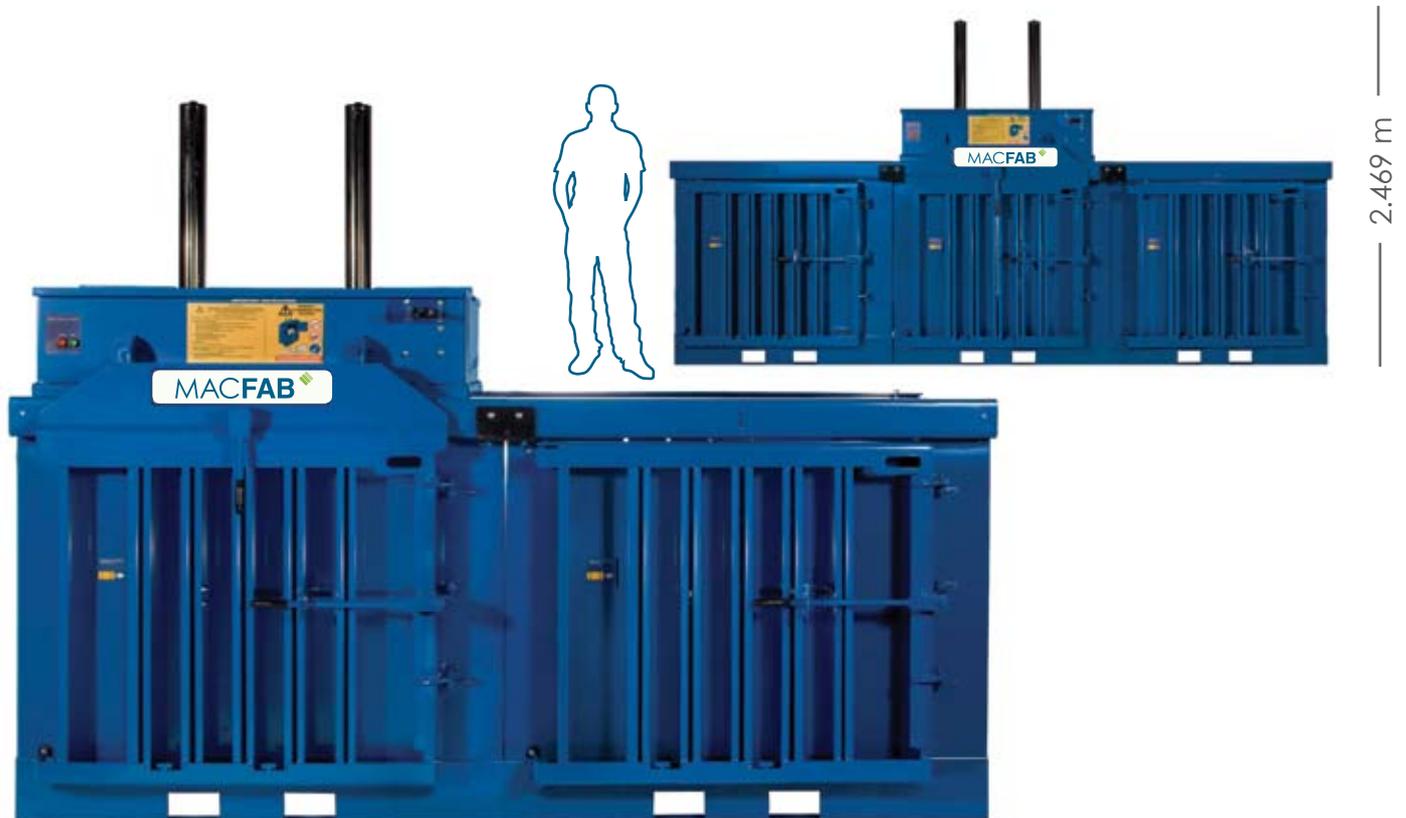
Bale Dimensions

Height	1.00 m
Width	1.074 m
Depth	0.80 m
Weight	Up to 200 kg (depending on material used)
Cycle Times	34 seconds

Loading Aperture Sizes

Width	1.074 m
Depth	0.800 m

DIAGRAM OF HEIGHT (&EXTRA CHAMBER)



Features

- Saves handling time with multiple chambers: free to load while other chamber compacts
- Multiple chambers offer an efficient way of separating different materials before baling
- Roller guided head for ease of movement
- Retaining claws to prevent spring back
- Top loading machine
- Suitable for areas with height restrictions

- Fully automated bale ejector : simplifies removal of bale

Optional Extra:

- Additional chambers may be added (up to 6)
- Available with 110 volts power supply
- Unique patented prong shaper design eliminates the need for pallets when lifting, stacking and transporting bales

MACFAB 250

Baler Dimensions

Height	2.990 m
Width	1.759 m
Depth	1.185 m
Weight	985 kg
Transportation Ht	2.250 m
Power Supply	220 - 240 V (single phase)
Motor	2.2 kW 16 Amp
Pressing Force	up to 15 Ton
Noise Level	74 decibels

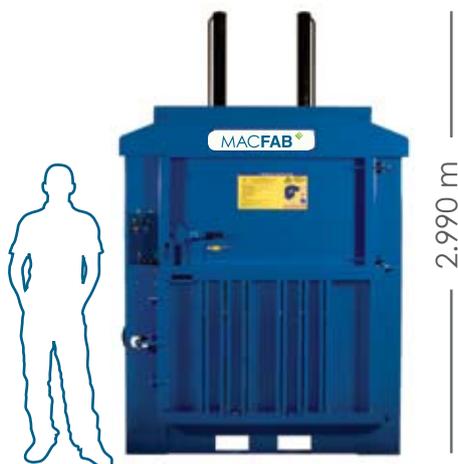
Bale Dimensions

Height	1.0 m
Width	1.20 m
Depth	0.80 m
Weight	Up to 250 kg (depending on material used)
Cycle Times	34 seconds

Loading Aperture Sizes

Height	0.678 m
Width	1.20 m
Depth	0.80 m

DIAGRAM OF HEIGHT



Features

- Produces a Euro pallet size bale
- Ideal for medium to large amounts of material
- Fully automated bale ejector : Simplifies removal of bale
- Dual cyclinders for even compaction
- Retaining Claws to reduce spring back

Optional Extra:

- Available with 110 volts power supply
- Unique patented prong shaper design eliminates the need for pallets when lifting, stacking and transporting bales

MACFAB 450

Baler Dimensions

Height	3.00 m
Width	1.781 m
Depth	1.196 m
Weight	1300 kg
Transportation Ht	2.3 m
Power Supply	380 - 400 V (three phase)
Motor	11 kW 32 Amp
Pressing Force	up to 25 Ton
Noise Level	75 decibels

Loading Aperture Sizes

Height	0.68 m
Width	1.20 m
Depth	0.80 m

Bale Dimensions

Height	1.00 m
Width	1.20 m
Depth	0.80 m
Weight	Up to 450 kg (depending on material used)
Cycle Times	40 seconds



Features

- Produces a mill size bale (weight 450 kg)
- Ideal for a large amount of material
- Retaining Claws to reduce spring back
- Large loading aperture for easy loading of material into baler
- Fully automated bale ejector : simplifies removal of bale

Optional Extra:

- Available with 220 - 240 volts power supply
- Unique patented prong shaper design eliminates the need for pallets when lifting, stacking and transporting bales

MACFAB 450 LONG RAM

Baler Dimensions

Height	3.30 m
Width	1.781 m
Depth	1.196 m
Weight	1400 kg
Transportation Ht	2.3 m
Power Supply	380 - 400 V (three phase)
Motor	11 kW 32 Amp
Pressing Force	up to 25 Ton
Noise Level	75 decibels

Loading Aperture Sizes

Height	0.68 m
Width	1.20 m
Depth	0.80 m

Bale Dimensions

Height	1.0 m
Width	1.2 m
Depth	0.8 m
Weight	Up to 450 kg (depending on material used)
Cycle Times	50 seconds



Features

- Produces a mill size bale (weight 450g)
- Extended cylinders produce a more compact bale
- Can bale a variety of waste products including plastic bottles, textiles and heavy duty materials
- Fully automated bale ejector : simplifies removal of bale
- Retaining Claws to reduce spring back

Optional Extra:

- Unique patented prong shaper design eliminates the need for pallets when lifting, stacking and transporting bales

MACFAB 550

Baler Dimensions

Height	3.217 m
Width	2.115 m
Depth	1.200 m
Weight	1650 kg
Transportation Ht	2.50 m
Power Supply	380 - 400 V (three phase)
Motor	11 kW 32 Amp
Pressing Force	up to 50 Ton
Noise Level	74 decibels

Bale Dimensions

Height	1.200 m
Width	1.500 m
Depth	0.769 m
Weight	Up to 550 kg (depending on material used)
Cycle Times	40 seconds

Loading Aperture Sizes

Height	0.880 m
Width	1.500 m
Depth	0.769 m

DIAGRAM OF HEIGHT



Features

- Produces a mill size bale (weight 550g)
- Ideal for large amounts of material
- Fully automated bale ejector : simplifies removal of bale
- Retaining Claws to reduce spring back
- Five wire tying for a more secure bale

Optional Extra:

- Available with 220 - 240 volts power supply
- Unique patented prong shaper design eliminates the need for pallets when lifting, stacking and transporting bales

MACFAB 650

Baler Dimensions

Height	3.217 m
Width	2.100 m
Depth	1.524 m
Weight	1930 kg
Transportation Ht	2.50 m
Power Supply	400 V (three phase)
Motor	11 kW 32 Amp
Pressing Force	up to 50 Ton
Noise Level	74 decibels

Bale Dimensions

Height	1.10 m
Width	1.50 m
Depth	1.10 m
Weight	Up to 650 kg (depending on material used)
Cycle Times	40 seconds

Loading Aperture Sizes

Height	0.883 m
Width	1.500 m
Depth	1.100 m

BALE EJECTOR



Features

- Bale weight output 650 kg
- Largest heavy duty machine in the range
- Large loading aperture for easy loading of material into baler
- Fully automated bale ejector : simplifies removal of bale
- Ideal for large amounts of material: no need to flatten boxes before putting into baler

- Five wire tying for a more secure bale
- Retaining Claws to reduce spring back

Optional Extra:

- Available with 220 - 240 volts power supply
- Unique patented prong shaper design eliminates the need for pallets when lifting, stacking and transporting bales

MACFAB 40 PET BOTTLE PRESS

Baler Dimensions

Height	2.336 m
Width	2.050 m
Depth	0.861 m
Weight	562 kg
Transportation Ht	1.978 m
Power Supply	220-240 V (Single phase)
Motor	2.2 kW 16 Amp
Pressing Force	up to 8 Ton
Noise Level	72 decibels

Bale Dimensions

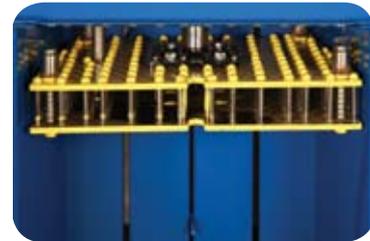
Height	1.00 m
Width	0.70 m
Depth	0.50 m
Weight	40 kg
(depending on material used)	
Cycle Times	35 seconds

Loading Aperture Sizes

Width	0.70 m
Depth	0.50 m



PIERCING MECHANISM



Features

- Unique piercing mechanism eliminates the need for removal of bottle caps before baling
- High compaction ratio
- Suitable where there is a medium to large amount of plastic bottles for disposal
- Roller guided head provides easy movement
- Top loading baler
- Saves time by loading free chamber while machine is in operation
- Suitable where height is restricted
- Bale Lifting Trolley included
- 30 Ltr retention tank with tap connection for collection of residual liquid left in bottles

MACFAB 1100 Lt BIN PRESS

Bin Dimensions

Height	2.12 m
Width	1.16 m
Depth	1.15 m
Weight	270 kg
Transportation Ht	1.65 m
Power Supply	220 - 240 V (single phase)
Motor	1.5 kW
Pressing Force	up to 3.5 Ton
Noise Level	72 decibels
Cycle Time	20 seconds



PICTURE ILLUSTRATES MOVEMENT



Features

- Reduces frequency of daily/weekly waste collections
- A compaction ratio of 3:1 (depending on material used)
- Base lifting plate ensures bin wheels are not damaged during compaction
- Two hand operation makes for a safer working environment
- Adaptor available to compact 660 Lt bin

MACFAB DRUM CRUSHER

Crusher Dimensions

Height	2.587 m
Width	1.190 m
Depth	1.000 m
Weight	690 kg
Transportation Ht	1.8 m
Power Supply	380 - 400 V (three phase)
Motor	11 kW 32 Amp
Pressing Force	up to 24 Ton
Noise Level	75 decibels
Compaction Ratio	6:1
Cycle Time	40 seconds

Loading Aperture Sizes

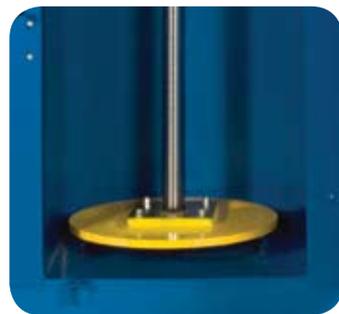
Height	1.210 m
Width	0.802 m
Depth	0.816 m

DRUMS BEFORE

& AFTER COMPACTION



BALER HEAD



Features

- High compaction force ratio
- Totally enclosed chamber ensures high level of safety
- 30 Lt oil collection tray with tap connection

Optional Extra:

- Smaller bale head to compact inside a 200 Lt steel drum

MACFAB BAG PRESS

Bag Press Dimensions

Height	1.861 m
Width	1.200 m
Depth	0.630 m
Weight	325 kg
Power Supply	220 - 230 V (single phase)
Motor	2.2 kW 13 Amp
Pressing Force	up to 3 Ton
Noise Level	70 decibels

Bag Dimensions

Height	0.175 m
Width	0.520 m
Depth	1.000 m

DIAGRAM OF HEIGHT



EASY OPERATION



Features

- High compaction force ratio 10:1
- Suitable for both wet and dry kitchen waste materials
- Suitable for garage forecourts, retail outlets, offices, small hospitality establishments
- Top loading
- Split chamber for ease of bag removal
- Wheel mounted for quick and easy movement
- Low operating height

WHY CHOOSE A MACFAB BALER?

- Can dramatically reduce your waste disposal charges
- MACFAB balers can reduce waste volume by up to 90%
- More free space and tidy environment
- Designed to be user friendly, with clear and easy operation
- Minimum floor space required
- IP55 rating (allows machines to be operated outside)
- Non-obtrusive design, suitable where customers may be present
- Low running costs
- Full warranty
- Full training provided on installation of machine
- Easy to maintain



SAFETY FEATURES

- All balers conform to the latest health and safety regulations
- Bale is tied within an enclosed chamber
- Automatic shut down of the machine if door is opened during operation



FOR MORE INFORMATION CONTACT
YOUR SALES REPRESENTATIVE:

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Patents apply to all machines in MACFAB Baler Range

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