

VERTICAL BALERS



PRODUCT GUIDE

WWW.GREENBANKWASTESOLUTIONS.CO.UK



RANGE

**GREENBANK
ARE PROUD
SUPPLIERS OF**

BRAMIDAN®

**VERTICAL
BALERS**



RANGE



SMALL



MEDIUM



LARGE

SMALL

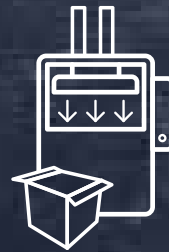
COMBINE HIGH COMPACTION WITH A SMALL FOOTPRINT AND LOW HEIGHT.



B3



B4

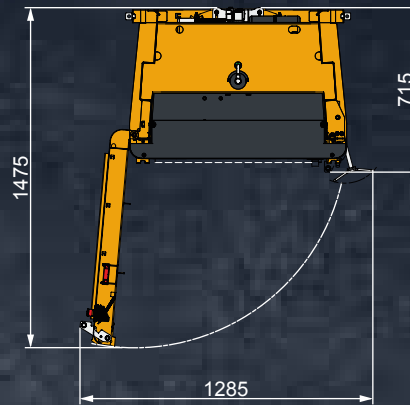
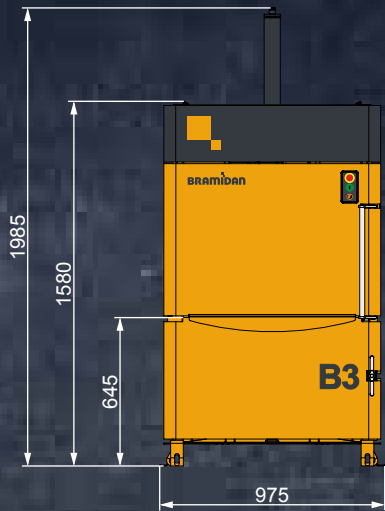


B5W



X10

B3

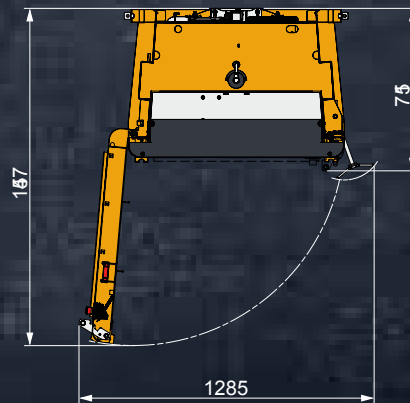
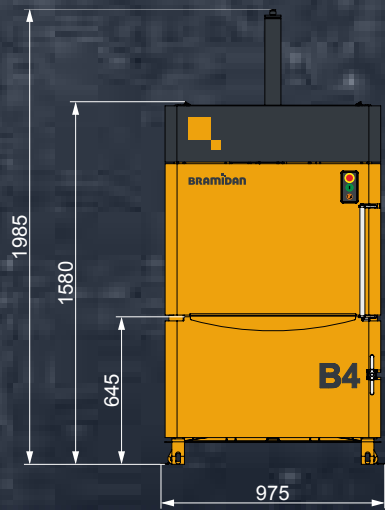


PRODUCT DETAILS

BALER B3

- Simple and safe to use
- Small manageable bales
- Easy installation Small base area (0,67 m²) and low overall height (1885 mm)
- Operates on single phase power supply
- Safe and controlled opening of the lower door

B4



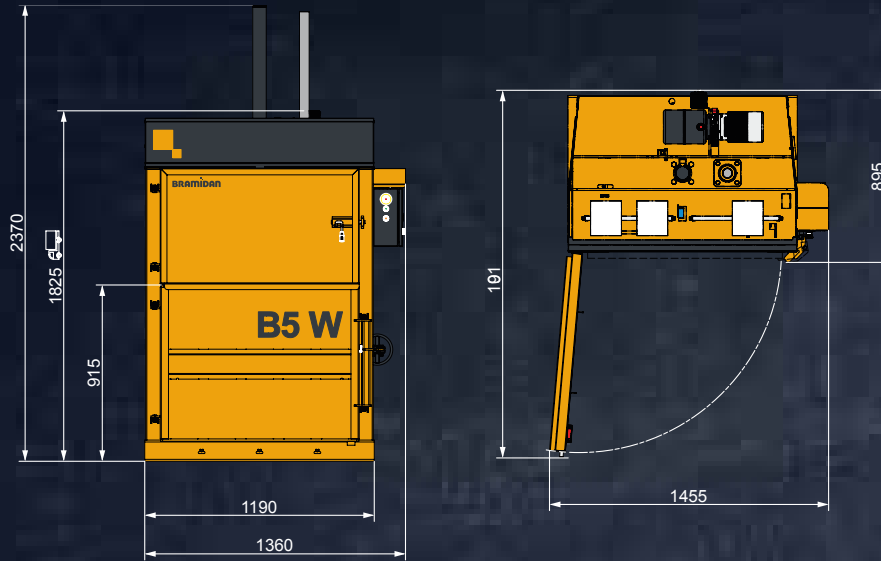
PRODUCT DETAILS

BALER B4

- Simple control panel
- Automatic bale ejection
- Automatic full baler indicator
- Low noise level
- Low overall width and height
- Front operated for installation in narrow spaces
- Single phase power connection

SMALL / COMBINE HIGH COMPACTION WITH A SMALL FOOTPRINT AND LOW HEIGHT.

B5W

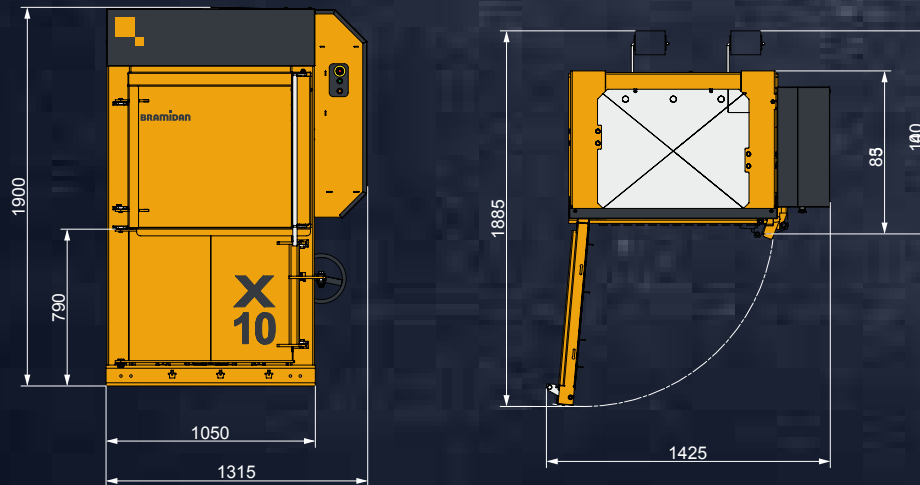


PRODUCT DETAILS

BALER B5W - DOOR OPTIONS: STANDARD, VERTICAL

- High capacity – large output
- Wide filling opening (1 metre)
- Efficient retainers hold compressed material down
- The bale is tipped out automatically
- Front-placed strap rolls for easy strap change
- Operates on single phase power supply

X10



PRODUCT DETAILS

BALER X10 - DOOR OPTIONS: STANDARD

- Compact and strong
- Internal cross cylinders for a very low overall height (1900 mm)
- Short cycle time
- Press force of 10 tons – a hardworking baler with high capacity
- Small base area (<1.5 m²)
- Available with both single and three phase connection

SMALL / COMBINE HIGH COMPACTION WITH A SMALL FOOTPRINT AND LOW HEIGHT.

MEDIUM



B20



X25

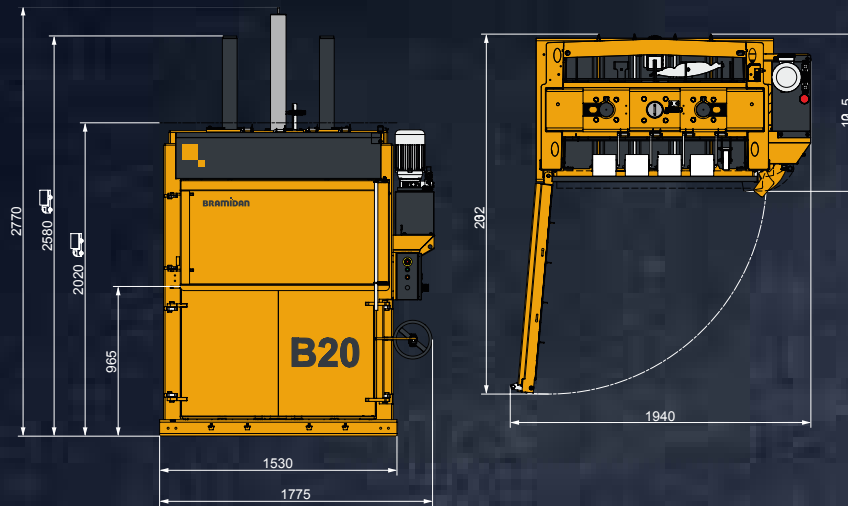


X30



B30

B20

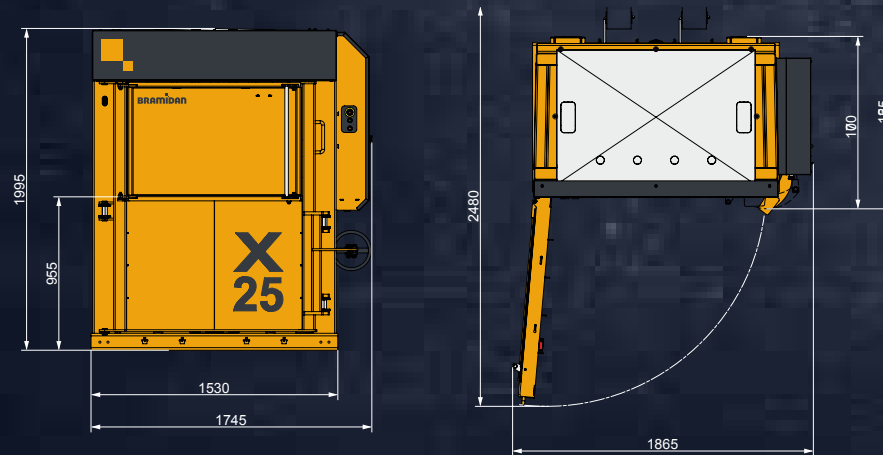


PRODUCT DETAILS

BALER B20 - DOOR OPTIONS: STANDARD, VERTICAL

- Easy tying of the bales
- High throughput
- Short press cycle
- Front-placed strap rolls for close-to-wall installation
- High compression ratio
- Bales fit on a standard EUR pallet

X25

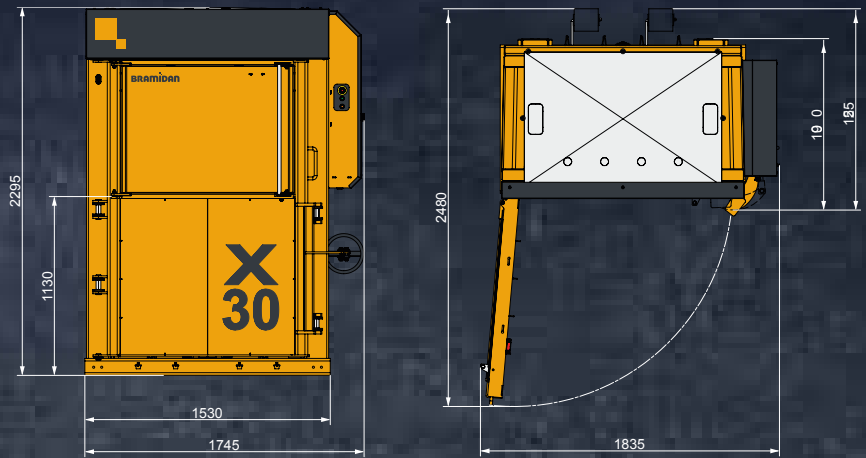


PRODUCT DETAILS

BALER X25 - DOOR OPTIONS: STANDARD, FLAP, AUTOMATIC

- For various types of material – even expandable
- Large and wide chamber
- Retainers prevent in-chamber material expansion
- Short cycle time
- Moving parts are protected inside the machine
- Low overall height (<2 metres)

X30

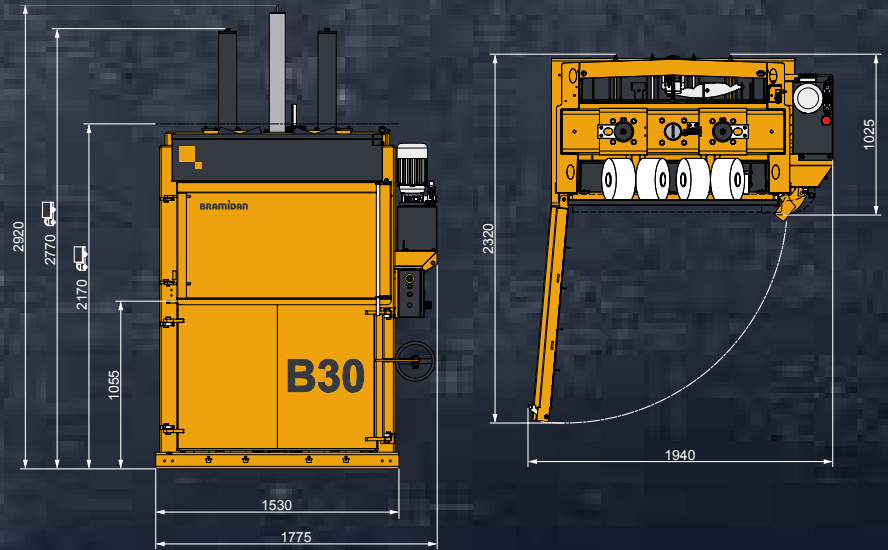


PRODUCT DETAILS

BALER X30 - DOOR OPTIONS: STANDARD, FLAP, AUTOMATIC

- Compacts bulky material
- Suitable for most waste materials
- Retainers prevent compacted material from expansion in the chamber
- Optimal compaction regardless of material

B30



PRODUCT DETAILS

BALER B30 - DOOR OPTIONS: STANDARD

- Wide opening and large chamber
- Retainers prevent compacted material from expanding
- Strap roles in the front means no going behind the machine
- Bale straps are easily cut with the mounted knife
- Full chamber indicator

LARGE



B30W



X40W

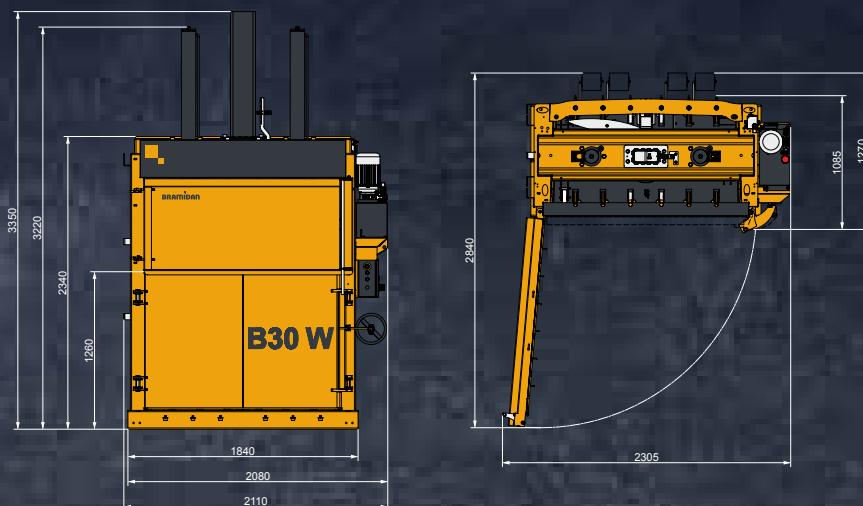


X50



B50

B30W

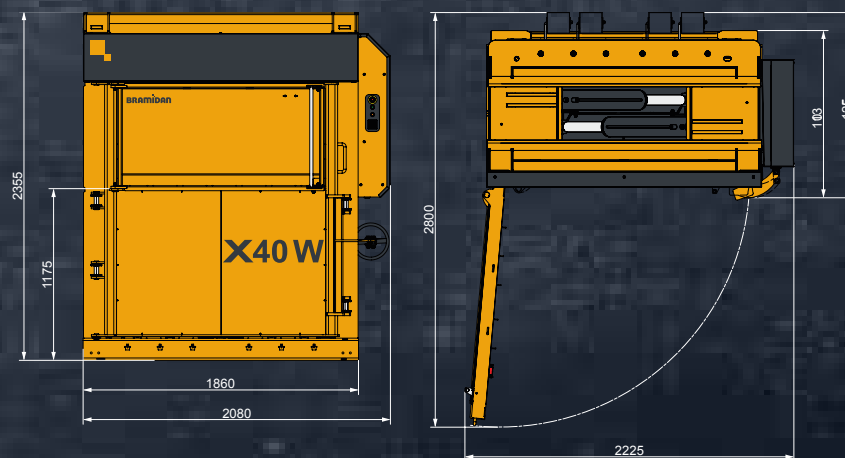


PRODUCT DETAILS

BALER B30W - DOOR OPTIONS: STANDARD, SEMI-AUTOMATIC

- Low energy motor 4.0KW
- Wide opening
- Simple controls
- Bale is ejected automatically

X40W

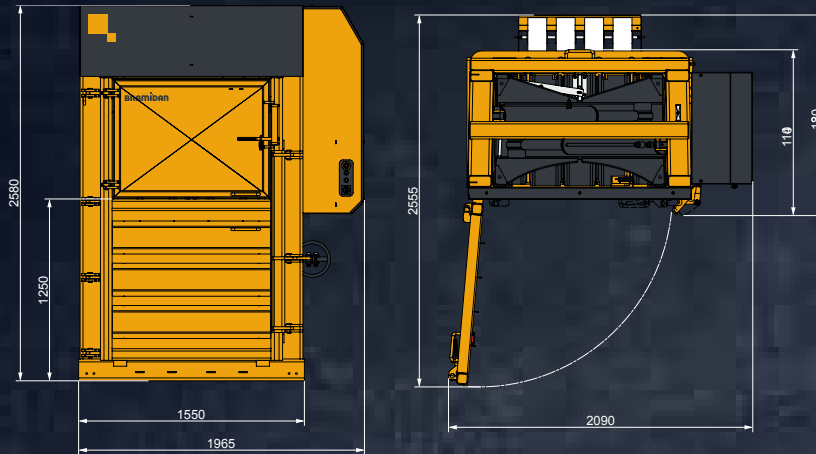


PRODUCT DETAILS

BALER X40W - DOOR OPTIONS: STANDARD

- Minimum 400 kg bale of cardboard
- Less than 2,36 metre installation height
- Can be used for cardboard, stretch wrap, PET, alu cans etc.
- Low noise powerpack -- noise level like an office printer

X50

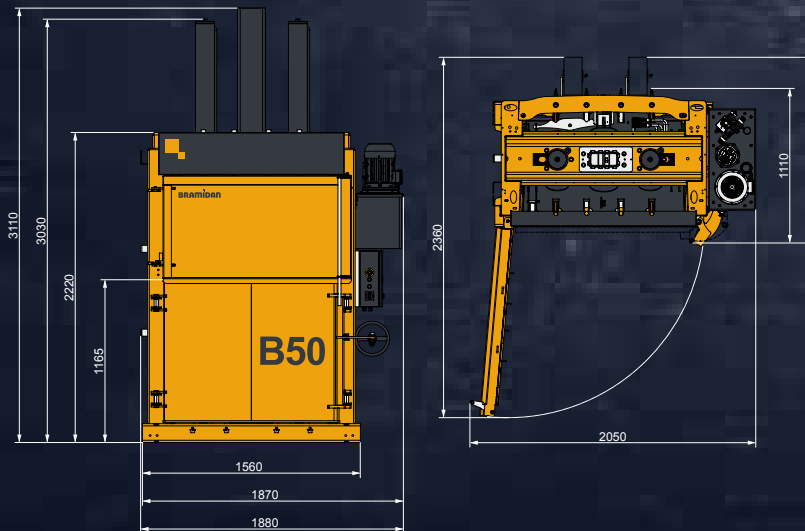


PRODUCT DETAILS

BALER X50 - DOOR OPTIONS: STANDARD, FLAP DOOR

- Simple and safe to use
- Small manageable bales
- Easy installation Small base area (0,67 m²) and low overall height (1885 mm)
- Operates on single phase power supply
- Safe and controlled opening of the lower door

B50



PRODUCT DETAILS

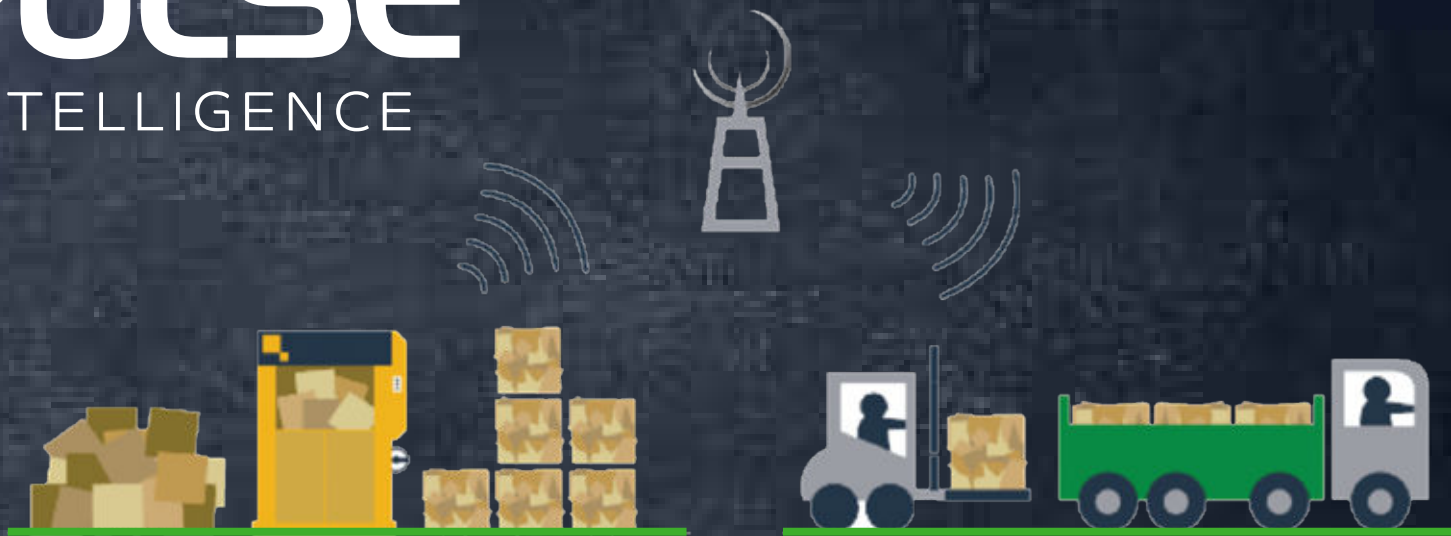
BALER B50 - DOOR OPTIONS: STANDARD, SEMI-AUTOMATIC, AUTOMATIC

- Short cycle time of 28 seconds
- Low running costs - 5.5 KW motor
- 50 tonne pressure
- High compression ratio



PULSE

INTELLIGENCE



REAL TIME REPORTING



REDUCE DOWNTIME



SCHEDULE COLLECTIONS



REMOTE DIAGNOSIS

GALVANISED VERTICAL BALERS

FOR DEMANDING & WET ENVIRONMENTS



IDEAL FOR COMPACTING WET PRODUCTS SUCH AS CANS, TINS, PLASTIC BOTTLES



RESISTANT TO CORROSIVE CLEANING CHEMICALS MAKING IT MORE DURABLE THAN PAINTED MODELS



EASY TO CLEAN DOWN ESPECIALLY IN HIGH CARE FOOD OR PHARMACEUTICAL PRODUCTION AREAS



GREAT CHOICE FOR OUTDOOR APPLICATIONS



ENERGY COMPARISON

							Working example	
MODEL	MOTOR SIZE (KW)	THROUGHPUT TONNES PER HOUR	TOTAL LABOUR COST PER TONNE*	TOTAL POWER COST PER TONNE**	TOTAL OPERATING COST PER TONNE	SAVINGS PER TONNE VERSUS IND STANDARD	TYPICAL FACTORY TONNE PER ANNUM	OPERATIONAL BALING COST PER ANNUM
B50	5.5	1.783	£5.89	£0.44	£6.33	£4.82	200	£1,266.59
B30W	4	1.358	£7.73	£0.42	£8.16	£3.00	200	£1,631.29
Industry Standard	7.5	1.038	£10.12	£1.04	£11.16		200	£2,231.58

*This assumes total labour cost per hour of £10.50

** This is based on a cost of 14.37 pence per KW hour (unit) of electricity

We're proud to offer a sustainable baling solution, our balers are energy efficient - on average our mill size balers have a cycle time of 26 seconds, that's 14 seconds quicker than the industry average! Whilst most millsize balers have a 7.5 kw motor, our B50 millsize baler has a 5.5 kw motor.

**WHEN YOU WORK OUT HOW MANY BALES YOU MAKE, PER DAY, PER WEEK AND PER YEAR
THERE'S A HUGE AMOUNT OF ENERGY SAVINGS TO BE MADE.**

PRODUCT SPECIFICATION



Technical specifications	B3	B4	B20	B30	B30W	B50
Press Force (t)	3	4	20	30	30	50
Power Supply	1x230V 50Hz 10A	1x230V 50Hz 10A	3x/400V 50H 16A	3x400V 50Hz 32A	3x/400V 50Hz 16A	3x400V 50Hz 32A
Motor (kW)	1.1	1.5	4.0	4.0	4.0	5.5
Noise level (dB)	65-68	57-60	62-64	67	62-64	70-75
Cycle time (sec)	24	28	36	45	43	45
Weight (kg)	290	300	2050	1500	1670	2200
Filling opening WxH (mm)	770 x 460	770 x 460	1200 x 610	1200 x 610	1525 x 560	1200 x 600
Filling Height (mm)	640	640	1070	1070	1260	1210
Chamber height (mm)	1000	1000	1560	1560	1680	1665
Stroke (mm)	550	650	750	750	1000	900
Bale size WxDxH (mm)	700 x 500 x 650	770 x 500 x 600	1200 x 800 x 950	1200 x 800 x 950	1525 x 800 x 1100	1200 x 800 x 1100
Bale weight cardboard (kg)	30-50	40-60	250-300	300-400	375-500	450-550
Bale weight plastic (kg)	40-60	50-70	275-350	400-500	400-600	500-600
Sliding Door Option	No	No	Yes	Yes	Yes	Yes



Technical specifications	X10	X25	X30	X50
Press Force (t)	10	25	30	50
Power Supply	3x400V 50Hz 16A	3x400V 50Hz 16A	3x400V 50Hz 16A	3x400V 50Hz 32A
Motor (kW)	4.0	4.0	4.0	5.5
Noise level (dB)	59-60	59-60	59-60	70
Cycle time (sec)	15	23	25	22
Weight (kg)	665	1410	1710	2590
Filling opening WxH (mm)	800 x 610	1090 x 530	1090 x 655	1090 x 610
Filling Height (mm)	785	950	1130	1250
Chamber height (mm)	1295	1380	1675	1710
Stroke (mm)	845	950	940	1210
Bale size WxDxH (mm)	800 x 600 x 600	1200x800x800	1200x800x1000	1200x800x1100
Bale weight cardboard (kg)	70-90	200-300	280-350	400-450
Bale weight plastic (kg)	80-110	250-350	350-450	450-550



16.25
HOURS

**AVERAGE
CALL OUT TIME**

IN HOUSE ENGINEERS

OUR TEAM OF SAFE CONTRACTOR APPROVED ENGINEERS
OPERATE THROUGHOUT THE UK

**NATIONAL STOCK CENTRES
MINIMISING DOWNTIME**

SERVICE & BACKUP

Greenbank operates its own Alcumus SafeContractor Approved team of service engineers.

We've been installing, servicing and repairing waste handling equipment since 1993, be assured that your machines are in safe hands.

Our engineering team and critical parts are **strategically located throughout the UK** to minimise both your downtime and our carbon footprint.



SERVICING

It is a Health & Safety requirement to have your waste machinery serviced, planned preventative maintenance helps to identify possible problems before they turn into something that's possibly major. We cover all brands of waste machinery equipment.

During a service, our qualified engineer will check all moving parts, hydraulics and electrics. We use a PDA reporting system, our engineer's report can be emailed to you in preparation for your audits.

MASTERCARE CALL-OUT TIME



16-18 HRS

TYPICAL INDUSTRY PERFORMANCE



24-36 HRS

FIRST FIX RATE ON CALL-OUT BREAKDOWNS



98.3%

GREENBANK ALSO SUPPLY A RANGE OF OTHER INNOVATIVE WASTE HANDLING MACHINERY TO DEAL WITH THE FOLLOWING WASTE STREAMS;

CARDBOARD // POLYTHENE // HARD PLASTICS // STRAPPING // GENERAL WASTE // WOOD



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