



International

VERTICAL BALERS

A world leading manufacturer
of Vertical Balers



CK INTERNATIONAL VERTICAL BALERS

Vertical balers are especially suitable for businesses that produce small to medium volumes of waste or where space is limited eg retail outlets, hospitality industry and garage forecourts.

CK International's standard vertical balers range is suitable for a wide variety of applications including baling plastic and cardboard. These balers produce bales of cardboard from 50kg up to 500kg.

The VX range of vertical balers are the ultimate in user friendly balers with the benefits of low noise, a fast cycle time and front loading baling cord. They are low height for ease of transport and installation. Bale weights range from 90kg up to 300kg.

BENEFITS OF VERTICAL SOLUTIONS

- Compact size
- Easy Installation
- Low space requirement
- Dense bale capability
- Fast cycle time
- Low noise

CK INTERNATIONAL CUSTOMERS

Biffa


Hilton

IKEA

amazon


McDonald's

Sainsbury's

TESCO


B&M
Waste Services

GLOBAL SUPPORT/LOCAL EXPERTISE

CK International are a UK based manufacturer who carefully select and approve International Distributors.

You can be sure that wherever you are, your local distributor will have the right expertise in place to install, maintain or repair your CK International Baler. CK International provides a high level of ongoing technical expertise and support to all its distributors ensuring that no matter where you are in the world, your baler is always in good hands.

All CK International balers comply with EN16500 Safety Standard, which specifies safety requirements for design, manufacture and safe use of vertical balers for compacting waste material or recyclable fractions.



SMALL BALERS



CK51

DIMENSIONS

Baler (H x W x D)
2220mm x 830mm x 785mm

Bale (H x W x L)
600mm x 710mm x 510mm

SPECIFICATIONS

Compaction Force
4T

Power Pack Sizes
1.1kW



CK101

DIMENSIONS

Baler (H x W x D)
2410mm x 940mm x 940mm

Bale (H x W x L)
600mm x 740mm x 700mm

SPECIFICATIONS

Compaction Force
5T

Power Pack Sizes
1.1kW



CK151

DIMENSIONS

Baler (H x W x D)
2460mm x 1230mm x 990mm

Bale (H x W x L)
700mm x 1090mm x 700mm

SPECIFICATIONS

Compaction Force
10T

Power Pack Sizes
1.5kW

KEY FEATURES

CK51

- Small footprint
- 50-70kg bales
- Single phase
- Cost effective
- Trolley bale ejection
- EN16500 compliant

CK101

- Compact design
- Up to 100kg bales
- Easy to install
- Single phase
- Mechanical bale ejection
- EN16500 compliant

CK151

- Up to 150kg bales
- Single phase
- Easy to use controls
- Mechanical bale ejection
- Low noise powerpacks
- EN16500 compliant



MATERIALS THAT CAN BE BALED

Cardboard, Soft Plastic, Cans (with bale tables)

CUSTOMERS WHO USE THE SMALL BALERS

Small vertical balers are especially suitable for businesses that produce small volumes of waste or where space is limited eg retail outlets, supermarkets or hospitality industry

“CK International manufacture great quality products, they are very efficient and easy to work with”

Florin Ariton, EkoLinea, Romanian distributor.

MID SIZE BALERS



CK250

DIMENSIONS

Baler (H x W x D)
2440mm x 1720mm x 950mm

Bale (H x W x L)
700mm x 1160mm x 710mm

SPECIFICATIONS

Compaction Force
16T

Power Pack Sizes
4kW



CK100VX

DIMENSIONS

Baler (H x W x D)
1955mm x 1450mm x 1300mm

Bale (H x W x L)
700mm x 800mm x 630mm

SPECIFICATIONS

Compaction Force
10T

Power Pack Sizes
4kW



CK300VX

DIMENSIONS

Baler (H x W x D)
2040mm x 1920mm x 1050mm

Bale (H x W x L)
830mm x 1220mm x 770mm

SPECIFICATIONS

Compaction Force
30T

Power Pack Sizes
4kW

KEY FEATURES

CK250

- Bale full indicator
- Mechanical bale eject
- Large feed opening
- Produces half mill-size bales
- Easy to use controls

CK100VX

- Bale full indicator
- Mechanical bale eject
- Front load bale tape
- Fast cycle time, 18s
- Low height for ease of transport and installation
- Cross cylinders for low height to ease transport and installation

CK300VX

- Bale full indicator
- Mechanical bale eject
- Front load bale tape
- Fast cycle time, 35s
- Low height for ease of transport and installation
- Cross cylinders for low height to ease transport and installation



MATERIALS THAT CAN BE BALED

Cardboard, Soft plastics.

CUSTOMERS WHO USE THE MID SIZE BALERS

Designed for retail shops and factories to process high volumes of waste.

"Your machine is brilliant, our customer is very happy. We hope to sell more!"

Multigraph, Kenya

MILL-SIZE BALERS



CK500V

DIMENSIONS

Baler (H x W x D)
3110mm x 1920mm x 1100mm

Bale (H x W x L)
1020/1170mm x 1270mm x 770mm

SPECIFICATIONS

Compaction Force
50T

Power Pack Sizes
7.5kW



CK500W

DIMENSIONS

Baler (H x W x D)
3150mm x 2165mm x 1140mm

Bale (H x W x L)
1020/1170mm x 1550mm x 770mm

SPECIFICATIONS

Compaction Force
50T

Power Pack Sizes
7.5kW



CK108TB

DIMENSIONS

Baler (H x W x D)
4425mm x 3000mm x 2446mm

Bale (H x W x L)
1300mm x 1520mm x 830mm

SPECIFICATIONS

Compaction Force
60T

Power Pack Sizes
7.5kW

KEY FEATURES

CK500V

- Cord or wire tie option
- Large feed opening
- Swing door is a cost effective option
- Unique pillar support for pressplate stability
- Sturdy construction to bale most materials
- Produces 500kg bale of cardboard.
- Bale full beacon as standard

CK500W

- Cord or wire tie option
- Extra large feed-opening for bulky material
- Lift Up Door System (LUD) for ease of use
- Two handed control for safe bale ejection
- Unique pillar pressplate for extra stability
- Cardboard bales up to 500kg

CK108TB

- Creates up to 6 bales per hour
- Bale completed in one full cycle
- Bales are commonly used in construction industry
- Easy to use controls
- Reduce tyre volume by up to 85%
- Significantly reduced transport cost



MATERIALS THAT CAN BE BALED

Cardboard, hard plastics, soft plastics, PET, aluminium cans, bulky materials

CUSTOMERS WHO USE THE MILL-SIZE BALERS

Suitable for premises with substantial waste such as large retail shops, factories and waste recyclers.

“The CK500V product is one of our most popular vertical balers due to the ability to achieve 500kg bales, it is cost effective and reliable”

Enviroglobal, Spain

TECHNICAL DATA

CK International reserves the right to alter specification without prior notice

Bale weights and throughputs given are guidelines only, actual bale weights depend on operator and material baled

MACHINE DETAIL	CK51	CK101	CK151	CK250	CK100VX	CK300VX
Compaction force	4	5	10	16	10	30
Power pack	1.1kW	1.1kW	1.5kW	4kW	4kW	4kW
Power supply	1 x 230v, 50Hz	1 x 230v, 50Hz	1 x 230v, 50Hz	3 x 415V, 50Hz	3 x 415V, 50Hz	3 x 415v, 50Hz
Bale Size (HxWxL)	600x710x510	600x740x700	700x1090x700	700x1160x710	700x800x630	700x800x630
Feed Opening (LxW)	550x715	710x815	540x1090	590x1040	675x715	675x715
Cycle time (Dry cycle)	42	52	55	55	18	18
Noise Level	70dBA	70dBA	70dBA	60dBA	60dBA	60dBA
Machine dims (HxWxD)	2220x830x785	2410x940x940	2460x1230x990	2440x1720x950	1955x1450x1300	1955x1450x1300
Height with rams dropped	n/a	1800	2055	2050	n/a	n/a
Machine Weight	375kgs	450kgs	700kgs	1100kgs	825kgs	825kgs

* **bale** dimensions will vary with different materials

* **baler** height will vary depending on application

BALE WEIGHTS (KG)	CK51	CK101	CK151	CK250	CK100VX	CK300VX
Cardboard	50-70	80-100	150	250	90-100	300
Plastic	60-70	90-110	180	280	100	300
Tyres	n/a	n/a	n/a	n/a	n/a	n/a
Tying Cord	2 rolls x 9mm	2 rolls x 9mm	4 rolls x 9mm	4 rolls x 12mm	2 rolls x 12mm	4 rolls x 12mm
Bale Ejection System	Trolley	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical

CK500V	CK500W	CK108TB
50	50	60
7.5kW	7.5kW	7.5kW
3 x 415v, 50Hz	3 x 415v, 50Hz	3 x 415v, 50Hz
1020/1170x1270x770	1020/1170x1550x770	1300x1520x830
610x1185	600x1470	990x1470
55	55	80
70dBA	70dBA	75dBA
3110x1920x1100	3150x2165x1140	4425x3000x2446
2400	2400	3200
2200kgs	2475kgs	6000kgs

CK500V	CK500W	CK108TB
500	500	n/a
520	520	n/a
n/a	n/a	90-120 tyres
4 x steel wire 3mm dia x 3.9m or 4 rolls x 12mm tying cord		up to 7 wires
Mechanical	Mechanical	Manual chain

VERTICAL BALER CONSUMABLES

BALER WIRE



WIRE*	BALER
3mm dia 3.9m long galvanised cut & loop wire	CK 500V CK 500W

BALER TWINE



TWINE	BALER
180m/kg, 306m per reel, average break load 260kg force	CK51 CK101 CK151 CK250 CK100VX CK300VX

BALE STRAPPING



STRAPPING	BALER
9mm strapping, 250m long	CK51 CK101 CK151
13mm strapping, 250m long	CK100VX CK250 CK300VX
19mm strapping, 250m long	CK500V CK500W

QUICK LINK WIRE



WIRE	BALER
3.6m long super strength baling ties	CK108TB

*Supplied in 25kg bundles

📍 38a Eglisb Rd, Dungannon, Co.Tyrone, Northern Ireland, BT70 1LA.

📞 +44 (0) 28 8775 3966

🌐 www.ckinternational.co.uk

✉ info@ckinternational.co.uk

