

PRODUCT DATASHEET

CC1100 BIN COMPACTOR

Mobile hydraulic compactor for standard 1100 litre wheeled bins — cut waste volumes and collection costs by up to 75%.

Designed to be user friendly and reliable, the CC1100 compacts waste directly in a standard 1100 litre bin, so fewer collections are needed. A single phase hydraulic power pack drives the compacting head through a full cycle in around 30 seconds, while two-hand controls, a key switch and an audible beeper keep the operator safe. A steel safety plate protects the bin wheels, and the machine rolls on three castors for easy positioning.



CC1100 — COMPACTING HEAD LOWERED (LEFT) AND RAISED FOR LOADING (RIGHT)

75%

Reduction in waste volume

2.3t

Compaction force

30 sec

Typical cycle time

1100L

Standard wheeled bins

KEY FEATURES

- Two-hand control with key-operated On/Off switch — the machine stops as soon as either button is released
- Audible beeper whenever the machine is running, plus emergency stop and rotary isolator
- Single phase 0.75 kW power pack with 2-speed pump for a fast approach and full compacting force
- Small footprint on three Blickle castors, with a safety plate to protect the bin wheels

Ready to cut your waste costs?

Talk to us about lead times and pricing.

CALL 01535 617880

EMAIL sales@cchdraulics.co.uk

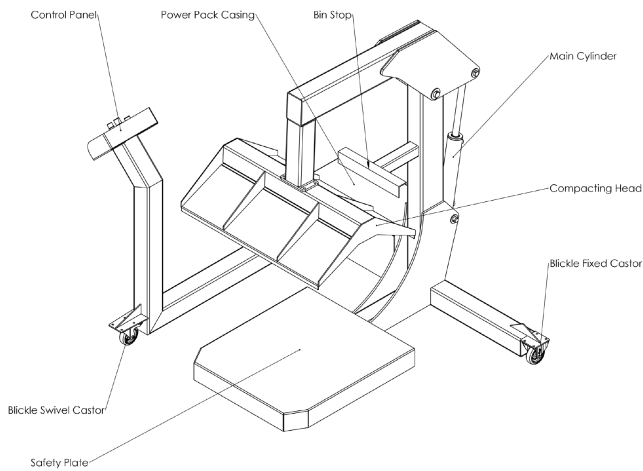
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Overview & Controls

Main components of the CC1100 and the two-hand control panel, with the operating sequence.

MACHINE OVERVIEW



CONTROL PANEL



Control	Function
Power on lamp	Lit when the machine is switched on
Key switch	On/Off — prevents unauthorised use
Emergency stop	Stops the machine immediately
Two-hand control	Dead man button — hold with raise or lower
Lower blade	Brings the head down to compact the bin
Raise blade	Returns the head to the upright position

OPERATING SEQUENCE

- 1 Position the machine on level ground, apply the foot brake and check the head is upright
- 2 Load the bin under the head and turn the key switch on
- 3 Hold the two-hand button and press lower — the beeper sounds while the head compacts the waste
- 4 Hold the two-hand button and press raise to return the head, then remove the bin

Safety: only trained, authorised operators should use the machine. Keep everyone else 2 m clear during operation. Releasing either button stops the machine at any time.

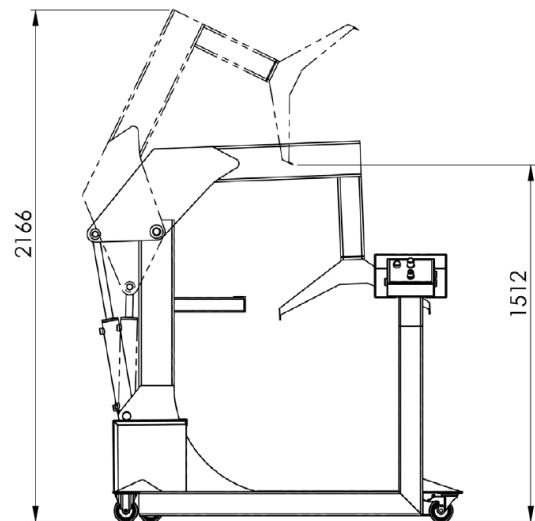
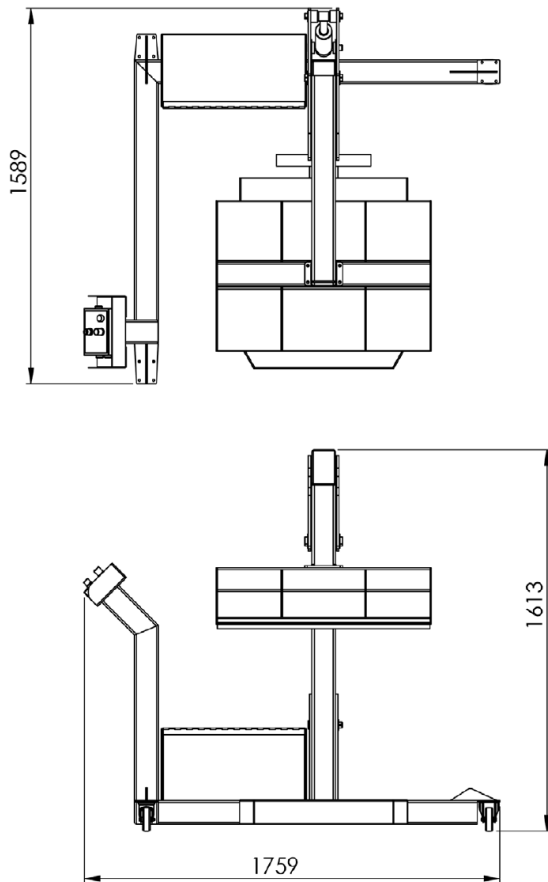
Siting & supply: use on stable, level ground with no overhead obstructions — never on a ramp or the edge of a raised dock. Connect to a socket with an RCD and a good earth, and don't use extension leads.

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Dimensions & Hydraulics

Machine dimensions, weight and hydraulic system — all dimensions in millimetres unless noted.

PLAN, FRONT & SIDE ELEVATIONS



Machine		Hydraulic power pack		Compacting cylinder	
Overall width	1759 mm	Supply	Single phase AC	Bore	Ø60 mm
Overall depth	1589 mm	Motor	0.75 kW S1	Rod	Ø30 mm
Height, head lowered	1512 mm	Pump	2-speed gear	Stroke	300 mm
Height, head raised	2166 mm	Displacement	4.2 / 0.8 cc	Closed centres	500 mm
Weight	320 kg	Relief valve	250 bar	Ports	3/8" BSP
Castors	2 fixed, 1 swivel	Tank	4 L	Type	703/3

SPECIFICATION SUMMARY

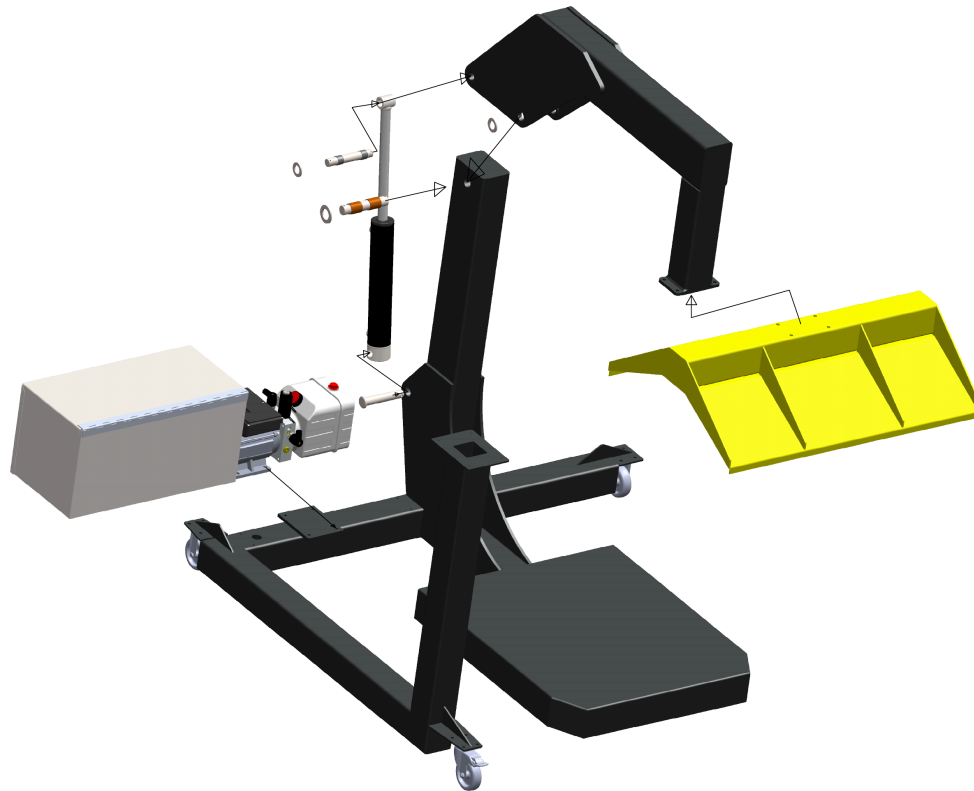
Performance	2.3 t compaction force, approx. 30 second cycle, up to 75% volume reduction
Bin size	Standard 1100 litre wheeled bins
Safety	Two-hand control, key switch, emergency stop, rotary isolator, audible beeper, bin-wheel safety plate
Conformity	Machinery Directive 2006/42/EC; EN ISO 4413, EN ISO 12100, EN ISO 13849-1, EN 61000-6-4

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Exploded View & Parts

Exploded view and parts list for the CC1100 bin compactor.

EXPLODED VIEW



No.	Description	Qty
1	CC1100 bin compactor chassis	1
2	Compacting arm	1
3	Hydraulic power unit YBZ5-C4.2-G0.8A3E4-GBVET1	1
4	Compacting head	1
5	Blickle fixed castor BKPA-TPA 101KF	2
6	Blickle swivel castor LKPA-TPA 101KF-FI	1
7	HPU cover	1
8	HPU cover lid	1
9	Hydraulic cylinder 703.3	1
10	PH-2A	1
11	Washer ISO 7091-30	2
12	Washer ISO 7091-24	3

No.	Description	Qty
13	Main pin	1
14	Cylinder pin	1
15	Headed clevis pin Ø25	1
16	ISO 2341-B-24 × 140 × 6.3-St	1
17	Guard for control panel	1
18	Control panel	1
20	Bin stop	1
21	ISO 4762 M8 × 25-25S	4
22	ISO 7040-M8-N	4
23	IGUS GSM-3034-40	2
24	IGUS GSM-2528-20	4

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