

Industrial storage containers

A dimensional reference: Euroboxes, attached-lid containers and VDA KLTs

Container sizes	48
Vendor listings behind them	121 from 4 vendors in 4 markets
Data verified	2026-07-27
Generated	2026-07-30
Source	https://huggingface.co/datasets/danielrosehill/storage-container-dimensions
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Multiply a container's external dimensions and you will overstate what you are buying by roughly a quarter — and you will overstate a tapered attached-lid container by more than a straight-walled eurobox, which quietly corrupts any comparison between the two. Every capacity in this document is usable capacity. External volume is shown alongside so the gap stays visible.

Nothing here is typed by hand: every figure is rendered from the published dataset. Where vendors disagree — and on internal dimensions they disagree a great deal — the disagreement is printed rather than averaged away.

How to read these tables

The standards fix external dimensions. They do not fix internal ones. ISO 3394 defines the 600 × 400 mm packaging module, EN 13199 caps a small load carrier at that footprint, and VDA 4500 additionally fixes three external heights. None of them specifies wall thickness, draft angle, rib design or base construction — and those are what determine what fits inside.

So each size carries three capacity figures, not one:

Column	What it is	Use it for
Typical usable	Computed from a conservative internal footprint: for a 600 × 400 box, 550 × 355 mm and 15 mm off the height. At or just below the least generous vendor.	Planning. A figure that overstates capacity fails silently — the pallet does not fit, the shipment does not close.
Vendor range	Capacity implied by each vendor's own published internal dimensions for that footprint, lowest to highest. One vote per vendor, not per listing.	Knowing what you will be quoted, and how much of a quoted difference is real rather than measurement convention.
External	L × W × H. What the box occupies on a shelf or in a container.	Space planning, freight, pallet build.

Why the vendor range is so wide

Because vendors measure at different heights. A euro crate is slightly tapered, so its top opening is larger than its base. Salesbridges publishes the top opening (570 × 370 mm inside a 600 × 400 box); Plastic Box Shop and Yosibox publish something close to the base (555 × 355 and 550 × 360). All three are honest, and the spread between them is about 11 % in litres on the same box. Each family section below prints the per-vendor figures it was drawn from.

A note on names

The trade has no agreed vocabulary. The same box is a Eurobox, a euro crate, a stacking tote, an industrial tote or a “KLT box” depending on the seller, and two of those mislead: “KLT” is widely applied to ordinary euroboxes that are nowhere near the VDA height grid, and “tote” means any industrial container in US usage but leans towards the attached-lid product in the UK. The last page lists the aliases by market. Identify a box by its walls, its lid and whether it nests — never by its name.

Euro stacking containers

Open top, straight walls, lid a separate purchase. Stack when full; they do not nest when empty. No standard fixes the height series — it is whatever manufacturers converged on.

Under each footprint: what each vendor publishes as the inside of that box. Wall allowance is $(\text{external} - \text{internal}) \div 2$, averaged over length and width. A figure near 15 mm is a top-opening measurement; 22 mm and above is measured close to the base. The difference between those two conventions, not manufacturing variation, is most of the vendor range.

60 × 40 cm

H (cm)	Internal, typical (L × W × H cm)	External volume (L)	Typical usable (L)	Vendor range (L)	Usable %	Per EUR-1 layer	Listings seen
12	55 × 35.5 × 10.5	28.8	20.5	20.8 – 24.3	71	4	4
15	55 × 35.5 × 13.5	36	26.4	26.7 – 30.6	73	4	1
17	55 × 35.5 × 15.5	40.8	30.3	30.7 – 34.8	74	4	4
17.5	55 × 35.5 × 16	42	31.2	31.7 – 35.9	74	4	4
20	55 × 35.5 × 18.5	48	36.1	36.6 – 41.1	75	4	2
22	55 × 35.5 × 20.5	52.8	40	40.6 – 45.3	76	4	6
23	55 × 35.5 × 21.5	55.2	42	42.6 – 47.5	76	4	4
24	55 × 35.5 × 22.5	57.6	43.9	44.5 – 49.6	76	4	5
27	55 × 35.5 × 25.5	64.8	49.8	50.5 – 55.9	77	4	8
28	55 × 35.5 × 26.5	67.2	51.7	52.5 – 58	77	4	3
30	55 × 35.5 × 28.5	72	55.6	56.4 – 62.2	77	4	2
31	55 × 35.5 × 29.5	74.4	57.6	58.4 – 64.3	77	4	1
32	55 × 35.5 × 30.5	76.8	59.6	60.4 – 66.4	78	4	7
34	55 × 35.5 × 32.5	81.6	63.5	64.3 – 70.7	78	4	3
36.5	55 × 35.5 × 35	87.6	68.3	69.3 – 75.9	78	4	1
40	55 × 35.5 × 38.5	96	75.2	76.2 – 83.3	78	4	2
42	55 × 35.5 × 40.5	100.8	79.1	80.2 – 87.5	78	4	4
46.5	55 × 35.5 × 45	111.6	87.9	89.1 – 97	79	4	0

Vendor	Listings	Internal L × W (mm)	Wall allowance per side (mm)	External – internal height (mm)	Reading
Salesbridges	26	570 × 370	15	5	top opening
Plastic Box Shop	13	555 × 355	22	5	near the base
Yosibox	3	550 × 360	22	15	near the base

40 × 30 cm

H (cm)	Internal, typical (L × W × H cm)	External volume (L)	Typical usable (L)	Vendor range (L)	Usable %	Per EUR-1 layer	Listings seen
12	35 × 25 × 11	14.4	9.6	10 – 11.5	67	8	2
15	35 × 25 × 14	18	12.2	12.7 – 14.5	68	8	1
17	35 × 25 × 16	20.4	14	14.5 – 16.5	69	8	1
20	35 × 25 × 19	24	16.6	17.2 – 19.5	69	8	0
22	35 × 25 × 21	26.4	18.4	19 – 21.5	70	8	5
23	35 × 25 × 22	27.6	19.2	19.9 – 22.5	70	8	3
24	35 × 25 × 23	28.8	20.1	20.8 – 23.5	70	8	2
27	35 × 25 × 26	32.4	22.8	23.5 – 26.5	70	8	6
32	35 × 25 × 31	38.4	27.1	28.1 – 31.5	71	8	5

Vendor	Listings	Internal L × W (mm)	Wall allowance per side (mm)	External – internal height (mm)	Reading
Salesbridges	10	370 × 270		15	5 top opening
Plastic Box Shop	9	355 × 255		22	10 near the base

30 × 20 cm

H (cm)	Internal, typical (L × W × H cm)	External volume (L)	Typical usable (L)	Vendor range (L)	Usable %	Per EUR-1 layer	Listings seen
12	26 × 16 × 11	7.2	4.6	4.6 – 5.3	64	16	2
15	26 × 16 × 14	9	5.8	5.8 – 6.7	64	16	0
17	26 × 16 × 16	10.2	6.7	6.7 – 7.6	66	16	1
22	26 × 16 × 21	13.2	8.7	8.7 – 9.9	66	16	0

Vendor	Listings	Internal L × W (mm)	Wall allowance per side (mm)	External – internal height (mm)	Reading
Salesbridges	2	270 × 170		15	5 top opening
Plastic Box Shop	1	260 × 160		20	10 near the base

80 × 60 cm

H (cm)	Internal, typical (L × W × H cm)	External volume (L)	Typical usable (L)	Vendor range (L)	Usable %	Per EUR-1 layer	Listings seen
22	75 × 55 × 20	105.6	82.5	90	78	2	2
32	75 × 55 × 30	153.6	123.8	133.9	81	2	1
42	75 × 55 × 40	201.6	165	177.8	82	2	1

Vendor	Listings	Internal L × W (mm)	Wall allowance per side (mm)	External – internal height (mm)	Reading
Salesbridges	4	770 × 570		15	15 top opening

Attached-lid containers (ALC)

Integral hinged lid, walls sloping inward towards the base. Stack when full and nest to about 75 % of their height when empty. Capacities are the manufacturers' nominal figures: the taper means no single internal measurement is right at more than one height.

60 × 40 cm

H (cm)	Internal, typical (L × W × H cm)	External volume (L)	Typical usable (L)	Vendor range (L)	Usable %	Per EUR-1 layer	Listings seen
25	—	60	44	—	73	4	0
31	—	74.4	56	—	75	4	2
36.7	—	88.1	65	—	74	4	2
40	—	96	80	—	83	4	0

No vendor in the captured listings publishes internal dimensions for this footprint, so no vendor range is shown above.

40 × 30 cm

H (cm)	Internal, typical (L × W × H cm)	External volume (L)	Typical usable (L)	Vendor range (L)	Usable %	Per EUR-1 layer	Listings seen
22.2	—	26.6	22	—	83	8	0
26.4	—	31.7	25	—	79	8	0
30.6	—	36.7	30	—	82	8	0

No vendor in the captured listings publishes internal dimensions for this footprint, so no vendor range is shown above.

VDA 4500 KLTs

Returnable small load carriers for automotive supply chains. VDA 4500 fixes three external heights — 147.5, 213 and 280 mm — and thicker walls than a consumer eurobox, so the eurobox internal rule does not transfer.

Under each footprint: what each vendor publishes as the inside of that box. Wall allowance is $(\text{external} - \text{internal}) \div 2$, averaged over length and width. A figure near 15 mm is a top-opening measurement; 22 mm and above is measured close to the base. The difference between those two conventions, not manufacturing variation, is most of the vendor range.

60 × 40 cm

H (cm)	Internal, typical (L × W × H cm)	External volume (L)	Typical usable (L)	Vendor range (L)	Usable %	Per EUR-1 layer	Listings seen
14.8	—	35.4	25.3	23.5	72	4	0
21.3	—	51.1	36.5	36.4	71	4	0
28	54.4 × 36.2 × 25.2	67.2	48	49.6	71	4	2

Vendor	Listings	Internal L × W (mm)	Wall allowance per side (mm)	External – internal height (mm)	Reading
Salesbridges	2	544 × 362	24	28	near the base

40 × 30 cm

H (cm)	Internal, typical (L × W × H cm)	External volume (L)	Typical usable (L)	Vendor range (L)	Usable %	Per EUR-1 layer	Listings seen
14.8	—	17.7	12.6	11.5	71	8	0
21.3	—	25.6	18.3	17.4	72	8	0
28	34.6 × 26 × 26	33.6	24	23.4	71	8	1

Vendor	Listings	Internal L × W (mm)	Wall allowance per side (mm)	External – internal height (mm)	Reading
Salesbridges	1	346 × 260	24	20	near the base

30 × 20 cm

H (cm)	Internal, typical (L × W × H cm)	External volume (L)	Typical usable (L)	Vendor range (L)	Usable %	Per EUR-1 layer	Listings seen
14.8	—	8.8	6.3	—	71	16	0

No vendor in the captured listings publishes internal dimensions for this footprint, so no vendor range is shown above.

Where the numbers come from

Vendor catalogues captured on the dates below, plus VDA 4500 v3.1 for the KLT grid and secondary summaries of ISO 3394 and EN 13199, both of which are paid publications. Every listing is in listings.csv with its URL and SKU.

Vendor	Market	Listings	With published internals	Currency	Captured
Salesbridges	NL	69	68	EUR	2026-07-27
Plastic Box Shop	GB	31	24	GBP	2026-07-27
Yosibox	IL	12	3	ILS	2026-07-23
Hudson Exchange	US	9	0	USD	2026-07-27

What each vendor claims, in its own words

Usable ratio computed from each listing's own stated capacity against its own external dimensions — what the vendor claims, not what this reference concluded:

Family	Listings	Min	Median	Max
Euro stacking containers	101	56%	78%	99%
Attached-lid containers (ALC)	16	52%	71%	81%
VDA 4500 KLTs	3	66%	70%	70%

The gap between the tapered and straight-walled medians is the single most important number in this document, and it holds across independent markets. The euro maximum is inflated by vendors who compute litres geometrically from the top opening rather than measuring a fill.

What these boxes are called

Search terms, ordered from the most standard to the most colloquial, including regional trade names and one genericised vendor name. They are for finding a product, never for classifying one.

Family	Also called
Euro stacking containers	Eurobox · Euro container · Eurocontainer · Euro stacking container · euro crate · stacking crate · stacking tote · straight-wall tote · industrial tote · KLT box (loose vendor usage) · KLC · Eurobehälter (DE) · Eurokiste (DE) · Stapelbehälter (DE) · bac gerbable (FR) · bac Euronorme (FR) · caja apilable (ES) · stapelbak (NL)
Attached-lid containers (ALC)	Attached lid container · ALC · attached top container · ATC · attached-lid tote · hinged-lid crate · crocodile-lid box (UK) · Hudson box (US, after Hudson Exchange) · distribution tote · industrial tote · Klappdeckelbehälter (DE) · Deckelbehälter (DE) · bac à couvercle solidaire (FR)
VDA 4500 KLTs	KLT · R-KLT · RL-KLT · Kleinladungsträger (DE) · VDA container · VDA 4500 carrier · small load carrier · SLC · automotive tote · returnable tote · ESD KLT (conductive)

Two that mislead

Term	The trap
“KLT box”	Applied by vendors to ordinary open-top euroboxes — 14 listings in these captures do it, at eight heights and on three footprints, none of them on the VDA 4500 grid of 147.5 / 213 / 280 mm. A real KLT is a thicker-walled returnable carrier on that grid.
“Tote”	In US usage any industrial container, tapered or straight, lidded or open. In UK usage it leans towards the attached-lid product. “Industrial tote” therefore applies to two different families and discriminates nothing.

Telling them apart without the names

	Euro stacking container	Attached-lid container	VDA KLT
Walls	straight	sloping	straight
Lid	separate purchase	integral, hinged	separate
Nests when empty	no	~75 % of its height	no
Height grid	manufacturer's choice	manufacturer's choice	147.5 / 213 / 280 mm
Typical usable ratio	76–78 %	73–75 %	~71 %

Full dataset, per-listing evidence and the notes behind every figure:

<https://huggingface.co/datasets/danielrosehill/storage-container-dimensions>