Interbin ® Product Specification Guide

CONTENTS

How do I know how many bins I need for my Louvre panel?

A Simple Guide to Louvre values.

Each bin covers a certain number of individual louvres on a panel, the total number of Louvres is known as the <u>Individual Louvre Value</u>

$$ILV \quad = \quad \text{INDIVIDUAL LOUVRE VALUE}$$

The ILV is listed for each product on page 3, using this you can work out how many bins of each size fit on a specific panel size.

$$\frac{\text{PANEL LV}}{\text{BIN ILV}} \quad = \quad \text{Number of bins}$$

eg.
$$\frac{\text{LP1818 ILV 72}}{\text{MDI90 ILV 4.5}} \quad = \quad 16 \text{ bins}$$

What about wider, multiple Louvre panel configurations?

For an accurate calculation when planning wider bay configurations, simply divide the total width of the required bay configuration by the width of the required bin.

For example

<u>Calculation 1 - to calculate the number of bins horizontally</u>

Step 1 - Decide on the required panel size and how many you want.

For example, I would like 8 of LP1818 panel (457mm wide x 457mm tall).

This would be 8 x 457mm wide = 3656mm

Step 2 - Now we need to decide on the bin.

MDI90 Bin = 105mm wide

$$\frac{\text{Total width of panels (3656mm)}}{\text{Width of required bin (105mm)}} \quad = \quad \textbf{34.8 (34 *) bins across}$$

*You need to round down to nearest bin to ensure secure fixing.

<u>Calculation 2 - to calculate the number of bins vertically</u>

Step 1 - Take the height of the selected bin and then add 25mm to this height to ensure easy access.

Step 2 - You then need to divide the height of the panel by the overall height of the bin as calculated in Step 1.

MDI90 Bin = 76mm tall + 25mm = 101mm total height.

$$\frac{\text{Total height of panel (457mm)}}{\text{Width of required bin (101mm)}} \quad = \quad \textbf{4.52 (4 *) bins tall}$$

*You need to round down to nearest bin to ensure secure fixing.

Final calculation - How many bins in total do I need?

Take the number from calculation 1 and multiply by the number from calculation 2.

34 bins horizontally, multiplied by 4 bins vertically   =   136 bins needed

INTER BIN®
STORAGE & DISPLAY

Interbin ®

LOUVRED PANELS

Interbin ® order code	Interbin® Description	Interbin ® product	Number of Louvres	Panel ILV	Size	
					Width	Height
744644	Louvred Panel White	LP1818	6W x 12H	72 Louvres	457	457
744646	Louvred Panel White	LP1836	6W x 24H	144 Louvres	457	915
744647	Louvred Panel White	LP1848	6W x 32H	192 Louvres	457	1220
744649	Louvred Panel White	LP2424	8W x 16H	128 Louvres	610	610
744650	Louvred Panel White	LP2436	8W x 24H	192 Louvres	610	915
744651	Louvred Panel White	LP2448	8W x 32H	256 Louvres	610	1220
744652	Louvred Panel White	LP2472	8W x 48H	384 Louvres	610	1830
744653	Louvred Panel White	LP3618	12W x 12H	144 Louvres	915	457
744654	Louvred Panel White	LP3624	12W x 16H	192 Louvres	915	610

MDI BINS

Manufactured in high grade polypropylene

Available in six sizes, four colours - Blue, Green, Red, Green and Transparent

Range of accessories available

Reinforced side supports for extra wall strength and safe stacking

Interbin ® order code	Interbin® Description	Interbin ® product	Volume/ UDL	Bin ILV	External Dimensions (mm)			Internal Dimensions (mm)		
					Length	Width	Height	Length	Width	Height
See price list for specific bin/colour code	MDI 50 Storage Bin	MDI50	0.33	3	105	105	53	70	90	45
	MDI 90 Storage Bin	MDI90	0.88	4.5	165	105	76	120	90	68
	MDI 130 Storage Bin	MDI130	3.19	8	240	150	130	170	130	120
	MDI 245 Storage Bin	MDI245	10.10	20	300	273	172	210	245	158
	MDI 175 Storage Bin	MDI175	10.56	15	398	205	178	310	175	164
	MDI 390 Storage Bin	MDI390	15.35	30	300	410	172	210	380	158

HC BINS

Manufactured in high grade polypropylene

Available in six sizes, four colours - Blue, Green, Red, Green and Transparent

Range of accessories available

Flat base - Textured base grips on work surfaces. Also works pefectly on gravity feed and other conveyer systems

Smooth contour rounded front edges for safety in handling.

Positive finger grip for easier, safer handling when locationg on, or removing from Louvre panels

Index label section for easy identification.

Interbin ® order code	Interbin® Description	Interbin ® product	Volume/ UDL	Bin ILV	External Dimensions (mm)			Internal Dimensions (mm)		
					Length	Width	Height	Length	Width	Height
See price list for specific bin/colour code	HC1 Storage Bin	HC1	0.69	4.5	133	105	76	110	90	68
	HC2 Storage Bin	HC2	0.97	4.5	180	105	76	155	90	68
	HC3 Storage Bin	HC3	3.38	8	253	150	130	230	130	120
	HC4 Storage Bin	HC4	9.50	12	370	205	130	335	180	125
	HC5 Storage Bin	HC5	26.00	24	455	282	203	406	250	185

INTERBIN ®
STORAGE & DISPLAY

Workshop and Warehouse solutions

FLOORSTANDING RACKS

Ideal for production line feeding, warehouse storage, merchandising and display.

Available double or single sided.

Supplied in flat pack form for easy stocking and assembly on site

Wide bay arrangements can be created by bolting through the support leg and upright frame.

Adjustable feet for levelling on uneven floors

Accepts the full range of MDI and HC bins.

Maximum loading over level floors is UDL 250kg

Interbin ® order code	Interbin® Description	Interbin ® product	Overall louvre panel size		No. of sides	Overall rack size		Base dimensions	
			Width	Height		Width	Height	Left to right	Front to back
782824	Rack Double Sided 610 x 1220	RD2448	610	1220	X 2	630	1296	630	711
794220	Rack Double Sided 915 x 1220	RD3648	915	1220	X 2	947	1296	947	711
776511	Rack Double Sided 1220 x 1220	RD4848	1220	1220	X 2	1251	1296	1251	711
769116	Rack Double Sided 1220 x 1830	RD4872	1220	1830	X 2	1251	1906	1251	711
744663	Rack Single Sided 610 x 1220	RS2448	610	1220	X 1	630	1296	630	508
744670	Rack Single Sided 1220 x 1830	RS4872	1220	1830	X 1	1251	1906	1251	508

Panels are secured by bolting top and bottom. To ensure good weight distribution when loaded with product, heavy parts should be located at floor to a maximum of waist height.

FLOORSTANDING TROLLEYS

Ideal for the convenient transportation of parts from stores to factory for production line feeding and storage.

Available double or single sided.

Maximum loading over level floors is UDL 250kg

Supplied with louvred panel & frame, trolley base with 2 fixed & 2 swivel 100mm castors, 2 triangular plates & standard handle.

Supplied in flat pack form for easy stocking and assembly on site

Wide bay arrangements can be created by bolting through the support leg and upright frame.

Adjustable feet for levelling on uneven floors

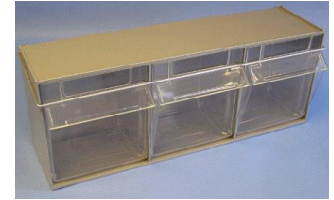Works with all HC bins, MDI bins, tilt boxes and wire basket.

Interbin ® order code	Interbin® Description	Interbin ® product	Overall Louvre panel size		No. of sides	Overall trolley size inc base and castors		Dimensions	
			W	H		W	H	Left to right inc handles	Front to back
775961	Trolley Double Sided 457 x 915	TD1836	457	915	X 2	477	1118	477	711
757118	Trolley Double Sided 610 x 122	TD2448	610	1220	X 2	630	1423	630	711
763846	Trolley Double Sided 915 x 915	TD3636	915	915	X 2	947	1118	947	711
751678	TROLLEY DOUBLE SIDED	TD3648	915	1220	X 2	947	1423	947	711
774429	Trolley Double Sided 1220x1220	TD4848	1220	1220	X 2	1251	1423	1251	711
759103	Trolley Double Sided 1200x1830	TD4872	1220	1830	X 2	1251	2032	1251	711
532150	Trolley Single Sided 457 x 915	TS1836	457	915	X 1	477	1118	477	508
754195	Trolley Single Sided 610 x 122	TS2448	610	1220	X 1	630	1423	630	508
785438	Trolley Single Sided 915x915	TS3636	915	915	X 1	947	1118	947	508
521310	Trolley Single Sided 915 x 1220	TS3648	915	1220	X 1	947	1296	947	508
769084	Trolley Single Sided 1220 x 1830	TS4872	1220	1830	X 1	1251	2032	1251	508

OTHER ACCESSORIES

TILT BOXES

Interbin ® order code	Interbin® Description	Interbin ® product	Size			No. of compartments
			Depth	Width	Height	
751646	TILT BOX 200L x 600W x 240Hmm	IT3G	200	600	240	3
749264	TILT BOX 170L x 600W x 206Hmm	IT4G	170	600	206	4
749265	TILT BOX 133L x 600W x 164Hmm	IT5G	133	600	164	5

OTHER ITEMS

Interbin ® order code	Interbin® Description	Interbin ® product	Size		
			Depth	Width	Height
746922	Spigots 152mm with upturn	SP6B	-	-	-
751670	Spigots 305mm with upturn	SP12B	-	-	-
747340	Wire Basket	IVWB6	200	580	200

WORK TRAYS

Interbin ® order code	Interbin® Description	Interbin ® product	Size		
			Depth	Width	Height
744602	Interstackable Worktray Blue	WT	355	241	64
744603	Interstackable Worktray Green	WT	355	241	64
744604	Interstackable Worktray Red	WT	355	241	64
744605	Interstackable Worktray Yellow	WT	355	241	64