**MATERIAL HANDLING - ESD - OFFICE PRODUCTS** 

Increasing productivity & Optimizing Space





TOTE BINS

**MATERIAL HANDLING BINS** 

# **SUPRA BINS**



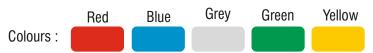
#### MADE FROM POLYPROPYLENE COPOLYMER.

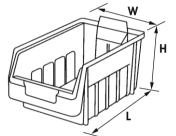
- Strong rear lip for use with louvre panels.
- Strong heavy duty reinforced base, sides & stacking rim.
- Resistance to most industrial solvents, withstands higher temperature.
- Clear access to contents.
- All bins with identification card holders.
- ▶ Incorporates a safety stop feature in SB 4 / 5 / 6 at the back for use in shelves.

#### **Bins Dimensions**

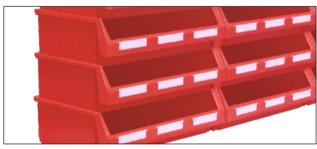
Art No.	Outside	Outside Dimensions in mm			Dimension	s in mm	
AIT NO.	Length	Width	Heigth	Length	Width	Heigth	
SB-1	125	100	60	117	80	52	
SB-2	170	100	85	157	80	75	
SB-3	220	130	125	200	115	115	
SB-4	290	178	143	265	155	130	
SB-5	290	363	145	265	340	130	
SB-6	440	180	145	415	154	130	
SB-7	435	425	215	405	380	208	
SB-7X	435	400	215	405	360	208	
SB-8	600	425	300	530	375	290	
	All dimensions in mm approx.						

Please Note: SB-7X IS THE OLD SB-7 WHICH WILL BE SUPPLIED AGAINST SPECIAL ORDERS ONLY









Supra bins are designed to stack one on top of each other.



Rear lip for easy access. Stops bin from coming out.

(For SB-7, SB-7X & SB-8 Red & Blue only)

# **SUPRA BIN SB 8**



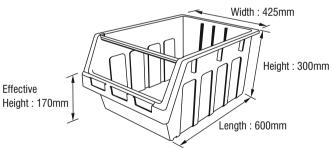
**ART NO: SB-8** 

Outer Dimension: L 600 x W 425 x H 300 mm (Approx) Inner Dimension: L 530 x W 375 x H 290 mm (Approx)

Effective Height: 170 mm (Approx)

Over the years storage/warehousing customers were looking for a large bin which could give them easy frontal access to the contents stored in the bin and also save their valuable space.

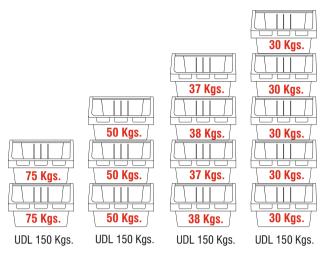
We at Alkon after interacting with our esteemed customers learnt that since no such bin was available they were forced to use a crate as a picking bin thereby sacrificing on vertical storage space as the crate being a box having solid walls on all four sides, permits access only from top. Due to this nearly 50% more open space is needed between the shelves to store and retrieve the goods.



At places to create frontal access and save vertical space between the shelves, the customers were using FPO crates "front partially open crates" by cutting a square on the one side of the crate which is a non standard conversion. It is not an effective storage solution.

To suit the needs of the customer and to give optimum space utility we hereby introduce ALKON SUPRA BIN SB 8, a bin which creates a new dimension in storage.

# **Supra Bin SB-8** designed to suit the Versatile needs of the customer and to give optimum space utility.



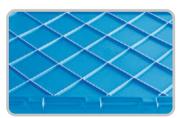
Uniform distributed load bearing capacity of SB-8 at different stack heights



**LABEL HOLDERS** 



**PARTITIONS** 



**REINFORCED BASE** 

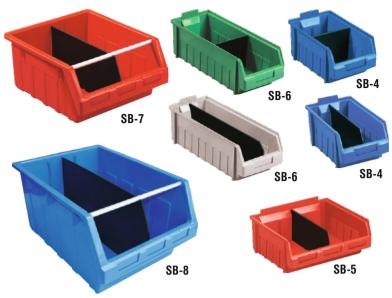


**ALUMINIUM PIPE LOCK CLIP** 



- ▶ Bin with **largest** effective height of **170 mm**.
- ▶ Bin can be stacked so you can effectively use maximum storage as compared to a single crate on a shelf and you don't need to keep any free over head space.
- If stacked on the shelf one can effectively used maximum storage if compared with crates.
- ► Clear frontal access to the contents of the bin in stacked condition.
- ▶ Bin has large label holders for effective sku identification.
- Dividers are available for the bin which can divide the bin in 2 or 3 equal parts for more effective storage.
- Bin has strong heavy duty reinforced base for added strength and load bearing.
- Rounded ergonomic design having strong sides and stacking rim gives extra strength and sturdiness for storage.
- ▶ Resistance to most industrial solvents, withstands high temperatures.
- Aluminium pipe fitted with lock pins on either side prevent the mouth of the bin from spreading under load conditions.





Supra Bins fitted with Partitions.

# SBLP<sub>1</sub>



SBLP 3



#### SUPRA BIN PARTITIONS

Other useful plastic accessories to match the Supra Bins range include Bin partitions.

Horizontal partition for SB4 & SB6

Art No.: HP-SB4/6

Vertical partition for SB4 & SB5

Art No.: VP-SB4/5

Vertical partition for SB6

Art No.: VP-SB6

Vertical Partition for SB7

Art No.: VP-SB7

Vertical Partition for SB8

Art No.: VP-SB8

#### **LOUVRE PANELS**

The Louvre panels are made from powder coated 1.5 mm CRCA steel, and come in four sizes. These louvre panels can be easily fitted on walls or on a special stand provided.

Size of Louvre panel: Width X Height Art No. SBLP1: size 455 mm x 457 mm Art No. SBLP2: size 455 mm x 610 mm Art No. SBLP3: size 455 mm x 914 mm Art No. SBLP6: size 455 mm x 1829 mm

Colour: Light grey powder coated.

	No of bins per louvre panel					
Art	No.	LP 1	LP 2	LP 3	LP 6	
SI	ZE	457 x 457	457 x 610	457 x 914	457 x 1829	
S	B1	24	32	48	96	
S	B2	16	20	32	64	
S	В3	9	12	18	36	
S	B4	6	8	12	24	
S	B5	3	4	6	12	
S	b6	6	8	12	24	

All dimensions in mm approx.

#### LOUVRE PANEL STAND : FSS/C

Free standing stand FSS can be fitted with LP 2 LOUVRE PANELS on both sides.

For single side application order 2 nos LP 2 Separately. For Double side application order 4 nos LP 2 Separately.

Art No.: FSS

DIMENSION: 457mm X 630mm X 1560mm

#### **LOUVRE PANEL STAND: FSS/L/2**

Free standing stand FSS/L/2 can be fitted with LP 2 LOUVRE PANELS on both sides.

For single side application order 4 nos LP 2 Separately. For Double side application order 8 nos LP 2 Separately.



#### SHOP FLOOR TROLLEY: SFT

Alkon Shop Floor Trolleys can be used single sided or double sided as per requirement. Ideal for component storage and transfer to assembly or production areas. Unit comprises of base unit with aluminium chequered top plate fitted with castors and a frame on which two louvre panels of size LP2 can be fitted on each side. Robust construction, Epoxy powder coated, easy assembly & has push pull handles on both sides.

Single sided trolley can hold 8 No's. SB1 Bins, 16 No's SB2 Bins, 6 No's SB3 Bins, 5 No's. SB4 Bins & extra bins on the bottom table top or different size of bins as per your requirement.

Overall Dimension: L 970 mm x B 600 mm x H 1100 mm.

Colour : Light Grey powder coated. Trolley without louvre panels and Bins.

Art No.: SFT

Order 2 No's SB LP2 for single side and 4No's SB LP2 for double side separately.

#### **UNIVERSAL RAIL: AUR-1**

Universal rail (SIZE: 915 mm L X 60 mm H) made from steel and powder coated in grey color Can be mounted on any surface like walls, benches, slotted angle systems, stands, and trolleys. These rails increase the flexibility of using different sizes of bins with ease and help in optimizing Storage space.

The added feature of this rail is that when you use multiple rail one below each other from the second rail onwards the top part of the

#### **LOUVRE PANEL STAND: FSS/L/3**

Free standing stand FSS/L/3 can be fitted with LP 2 LOUVRE PANELS on both sides.

For single side application order 6 nos LP 2 Separately. For Double side application order 12 nos LP 2 Separately.

Art No.: FSS/L/3

**DIMENSION: 1371mm X 630mm X 1560mm** 





**SHOP FLOOR TROLLEY - SFT** 

rail can be used as a support to the lower part of the bin mounted on the above rail and the bottom part of the rail can be used to mount the bin and so on, this helps in using lesser number of rails in the case when bins of height more than 130mm are used.

Art No.:- AUR-1



#### DOUBLE SIDED STAND : ARSS-2

Heavy duty double sided stand ideal for use with SUPRA BINS in different combinations as detailed below. Please order SUPRA BINS, Rails (AUR-1), Stands (ARSS-2) separately as per your requirements. Stand can be also used single side as per requirement.

ARSS-2 DIMENSION: 1030mm X 635mm X 1450mm.

ART NO.	BINS	RAILS F	PER ARSS	TOTAL NO.
AIII NO.	PER RAIL	Single Side	Double Side	OF BINS
SB-1	9	15	-	135
SB-2	9	12	-	108
SB-3	7	9	-	63
SB-4	5	8	-	35
SB-5	2	8	-	14
SB-6	5	8	-	35
SB-1	9	-	30	270
SB-2	9	-	24	216
SB-3	7	-	18	126
SB-4	5	-	16	70
SB-5	2	-	16	28
SB-6	5	-	16	70



**ARSS-3** Trolley Fitted with SUPRA mixed Bins on both sides.



ARSS-2 Stand Fitted with SUPRA SB4 bins on single side.



Fitted with SUPRA SB3 bins on both sides.

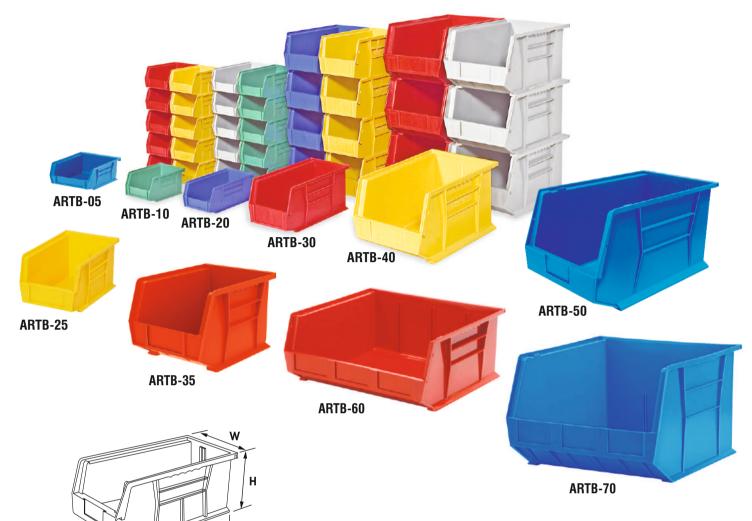
#### **DOUBLE SIDED TROLLEY: ARSS-3**

Heavy duty double sided trolley base fitted with heavy duty castors. Ideal for use with Supra bins in different combinations as required. Please order SUPRA BINS, Rails (AUR-1) and ARSS-3 (Which consists of heavy duty trolley base ARSTM and Pipe set ARSP) separately.

ARSS-3 DIMENSION: 1030mm X 640mm X 1620mm.

(Width 1030 mm including handles on both sides)

# **RHINO TUFF BINS**



#### MADE FROM POLYPROPYLENE COPOLYMER.

- Strong ribs provided for optional partitions to increase storage options.
- ► Full length rear lip supports provided for hanging bins on louvre panels or rails.
- Resistance to most industrial solvents, withstands higher temperature.
- ▶ Reinforced ribs adds strength and avoids spreading.
- Extra wide stacking base for secure stacking.
- Extra wide label slot for easy content identification.
- Stopper prevents stacked bins from shifting forward.

#### **Bins Dimensions**

Dino Dimonololo							
Art No.	Outside	Dimensio	ns in mm	Inside I	Dimension	ıs in mm	
AIT NO.	Length	Width	Height	Length	Width	Height	
ARTB-05	109	104	49	95	89	43	
ARTB-10	136	106	76	125	90	65	
ARTB-20	187	106	76	171	90	65	
ARTB-25	205	139	126	190	115	121	
ARTB-30	274	140	127	256	115	115	
ARTB-35	280	210	179	255	170	160	
ARTB-40	375	210	179	355	170	160	
ARTB-50	457	280	255	432	241	240	
ARTB-60	375	415	179	355	375	160	
ARTB-70	460	420	292	435	375	282	

All dimensions in mm approx.

Colors for all Bins :











(For ATRB-50, ARTB-60 & ARTB-70 Red & Blue only)



Rhino Bins Fitted with partitions.



LP 3 Louvre Panel fitted with Rhino Bins.

#### RHINO BIN PARTITIONS

RHINO 30 VERTICAL PARTITION: Vertical Partition for RHINO 30 bins.

Available as an accessory to increase storage options

Art No.:- VP-ARTB 30

RHINO 35 VERTICAL PARTITION: Vertical Partition for RHINO 35 bins.

Available as an accessory to increase storage options

Art No.:- VP-ARTB 35

RHINO 40 VERTICAL PARTITION: Vertical Partition for RHINO 40 bins.

Available as an accessory to increase storage options.

Art No.:- VP-ARTB 40

RHINO 50 VERTICAL PARTITION: Vertical Partition for RHINO 50 bins.

Available as an accessory to increase storage options.

Art No.:- VP-ARTB 50

RHINO 60 VERTICAL PARTITION: Vertical Partition for RHINO 60 bins.

Available as an accessory to increase storage options.

Art No.:- VP-ARTB 60

RHINO 70 VERTICAL PARTITION: Vertical Partition for RHINO 70 bins.

Available as an accessory to increase storage options.

Art No.:- VP-ARTB 70

#### **LOUVRE PANELS**

Are manufactured from 1.5 mm CRCA steel and powder coated in grey color. RHINO BINS can be mounted with ease in variable combinations as listed Below.

No of bins per louvre panel							
Art No.	LP 1 LP 2 LP 3 LP 6						
SIZE	457 x 457	457 x 610	457 x 914	457 x 1829			
ARTB-05	24	32	48	96			
ARTB-10	16	20	32	64			
ARTB-20	16	20	32	64			
ARTB-25	9	12	18	36			
ARTB-30	9	12	18	36			
ARTB-35	4	6	8	18			
ARTB-40	4	6	8	18			
ARTB-60	2	3	4	9			

All dimensions in mm approx.

#### **UNIVERSAL RAIL: AUR-1**

Universal rail (SIZE: 915 mm L X 60 mm H) made from steel and powder coated in grey color Can be mounted on any surface like walls, benches, slotted angle systems, stands, and trolleys. These rails increase the flexibility of using different sizes of bins with ease and help in optimizing Storage space. The added feature of this rail is that when you use multiple rail one below each other from the second rail onwards the top part of the rail can be used as a support to the lower part of the bin mounted on the above rail and the bottom part of the rail can be used to mount the bin and so on, this helps in using lesser number of rails in the case when bins of height more than 130mm are used.

Art No.:- AUR-1



#### **DOUBLE SIDED STAND : ARSS-2**

Heavy duty double sided stand ideal for use with RHINO BINS in different combinations as detailed below. Please order RHINO BINS, Rails (AUR-1), Stands (ARSS-2) separately as per your requirements. Stand can be also used single side as per requirement.

#### ARSS-2 DIMENSION: 1030mm X 635mm X 1450mm.

ART NO.	BINS	RAILS I	PER ARSS	TOTAL NO.
AIII NO.	PERRAIL	Single Side	Double Side	OF BINS
ARTB-05	8	15	-	120
ARTB-10	8	12	_	96
ARTB-20	8	12	_	96
ARTB-25	6	8	_	48
ARTB-30	6	8	_	48
ARTB-35	4	7	_	24
ARTB-40	4	7	_	24
ARTB-60	2	7	-	12
ARTB-05	8	_	30	240
ARTB-10	8	_	24	192
ARTB-20	8	_	24	192
ARTB-25	6	_	16	96
ARTB-30	6	_	16	96
ARTB-35	4	-	14	48
ARTB-40	4	_	14	48
ARTB-60	2	-	14	24



Fitted with Rhino ARTB-30 Bins on both sides.



Fitted with Rhino ARTB-40 bins on single side.



Fitted with Rhino ARTB-20 bins on both sides.

#### **DOUBLE SIDED TROLLEY: ARSS-3**

Heavy duty double sided trolley base fitted with heavy duty castors. Ideal for use with Rhino bins in different combinations as required. Please order RHINO BINS, Rails (AUR-1) and ARSS-3 (Which consists of heavy duty trolley base ARSTM and Pipe set ARSP) separately.

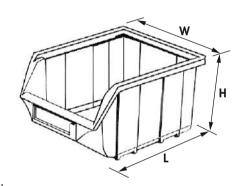
#### ARSS-3 DIMENSION: 1030mm X 640mm X 1620mm.

(Width 1030 mm including handles on both sides)

# ALKON HIPPO BINS 612-T 612-S 612-S2 612-M 612-DW 612-B 612-J

#### MADE FROM POLYPROPYLENE COPOLYMER.

- Strong rear lip for use with louvred panels.
- Strong heavy duty with rounded base, sides & stacking rim.
- ▶ Resistant to most industrial solvents, withstands higher temperature.
- Can be stacked one on top of each other.
- Clear access to contents.
- ► All bins with identification card holders.
- Partitions available.
- ▶ Rounded Ergonomic Design to Give Extra Strength and Sturdiness for Storage.



#### **Bins Dimensions**

Dina Dinichatona							
HIPPO	Art No.	Outside	Outside Dimensions in mm			Dimension	ns in mm
BINS	AIT NO.	Length	Width	Heigth	Length	Width	Heigth
TINY	612T	100	110	53	80	90	43
SMALL	612S	150	110	75	130	90	68
SMALL	612S-2	175	115	75	150	90	64
MEDIUM	612M	250	165	125	225	132	115
DOUBLE WIDE	612DW	250	344	125	210	312	115
BIG	612B	355	220	150	330	182	138
JUMB0	612J	515	330	200	470	295	180

All dimensions in mm approx.

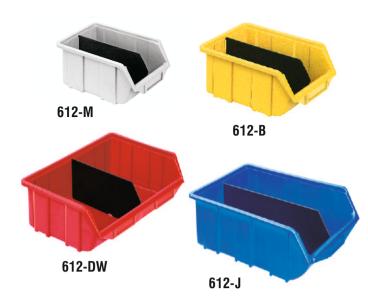
#### **STACKING**

Hippo bins are designed to stack one on top of each other.



Red Blue Grey Green Yellow Colours:

( For 612-J Red & Blue )



Hippo Bins fitted with vertical partitions.



**LP 3** Louvre Panel fitted with Hippo Bins.

#### **HIPPO BIN PARTITIONS**

#### HIPPO BIN 612-M & 612-DW Vertical Partition

Vertical Partition for HIPPO Bin 612-M & Hippo Bin 612-DW. Available as an accessory to increase storage options

Art No.:- VP-612M/DW

#### **HIPPO BIN 612-B Vertical Partition**

Vertical Partition for HIPPO Bin 612-B.

Available as an accessory to increase storage options

Art No.:- VP-612B

#### **HIPPO BIN 612-J Vertical Partition**

Vertical Partition for HIPPO Bin 612-J.

Available as an accessory to increase storage options

Art No.:- VP-612J

#### **LOUVRE PANELS**

are manufactured from 1.5 mm CRCA steel and powder coated in grey color. Hippo bins can be mounted with ease in variable combination as listed below.

No of bins per louvre panel					
Art No.	LP 1	LP 2	LP 3	LP 6	
SIZE	457 x 457	457 x 610	457 x 914	457 x 1829	
612-T	24	32	48	96	
612-S	24	32	32	96	
612-S2	24	32	32	96	
612-M	6	8	12	24	
612-DW	3	4	6	12	
612-B	4	6	10	20	

All dimensions in mm approx.

#### **UNIVERSAL RAIL: AUR-1**

Universal rail (size 915 mm L x 60 mm H) made from steel and powder coated in Grey colour can be mounted on any surface like Walls, Benches, Slotted angle systems, Stands, and Trolleys. These rails increase the flexibility of using different sizes of bins with ease and help in optimizing storage space. The added feature of this rail is that when you use multiple rail one below each other from the second rail onwards the top part of the rail can be used as a support to the lower part of the bin mounted on the above rail and the bottom part of the rail can be used to mount the bin and so on, this helps in using lesser number of rails in the case when bins of height more than 130mm are used.

Art No.:- AUR-1

No of Bins per UNIVERSAL RAIL

ART NO.	612-T	612-S	612-S2	612-M	612-DW	612-B
NO. OF BINS	8	8	8	5	2	4



612-S HIPPO BINS Mounted on Universal Rail AUR-1



#### **STAND**

Free standing stand shown with Channels and bins.

Colour: Grey Powder coated.

Dimension:

FSS Fitted with channels of 665mm width W 665mm x H 1553mm x D 610mm

Art No.: FSS/C

#### **CHANNELS**

Channels available in three sizes to suit Hippo Bins of sizes  $612\text{-S},\,612\text{-M}\,\&\,612\text{-B}$ 

Colour: Grey Powder coated.

Art No.: 612-SC, 612-MC & 612-BC

Type of Channels	Numbers of Channels per <b>FSS</b> stand	Size of Bins	No. of Bins per Channel
612 SC	12	612S	6
612 MC	8	612M	4
612 BC	7	612B	3

Length of all Channels is 665 mm.

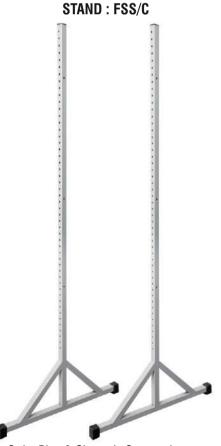
#### iippo bins mounted on channeis

#### **CHANNELS**

OHAMILEO	(m)
Art No.: 612 BC	0
	œ
Art No.: 612 MC	Qr.
	9
Art No.: 612 SC	
	Art No.: 612 BC  Art No.: 612 MC

#### **Channels Dimension**

ART NO.	Width	Height	Depth
612 SC	667 mm	79 mm	18 mm
612 MC	667 mm	130 mm	22 mm
612 BC	667 mm	159 mm	22 mm



Order Bins & Channels Separately.



# LOUVRE PANEL STAND : FSS/C

Free standing stand FSS can be fitted with LP 2 LOUVRE PANELS on both sides. For single side application order 2 nos LP 2 Separately.

For Single side application order 2 nos LP 2 Separately. For Double side application order 4 nos LP 2 Separately.

Art No.: FSS/C

DIMENSION: 457mm X 630mm X 1560mm

# LOUVRE PANEL STAND: FSS/L/2

Free standing stand FSS/L/2 can be fitted with LP 2 LOUVRE PANELS on both sides. For single side application order 4 nos LP 2 Separately. For Double side application order 8 nos LP 2 Separately.

Art No.: FSS/L/2

DIMENSION: 914mm X 630mm X 1560mm





Fitted with Louvre Panels on both sides.

# **■ LOUVRE PANEL STAND : FSS/L/3**

Free standing stand FSS/L/3 can be fitted with LP 2 LOUVRE PANELS on both sides. For single side application order 6 nos LP 2 Separately. For Double side application order 12 nos LP 2 Separately.

Art No.: FSS/L/3

**DIMENSION: 1371mm X 630mm X 1560 mm** 

#### **DOUBLE SIDED STAND : ARSS-2**

Heavy duty double sided stand ideal for use with Hippo bins in different combinations as detailed below. Please order Hippo bins, Rails (AUR-1), Stands (ARSS-2) separately as per your requirement.

Stand can be also used single side as per requirement.

Art No.: ARSS-2

ARSS-2 DIMENSION 1030 X 635 X 1450 mm.





**ARSS-2** stand Fitted with Hippo 612-S bins on both sides.

ART NO.	ART NO. BINS		PER ARSS	TOTAL NO.
	PER RAIL	Single Side	Double Side	OF BINS
612-T	8	15	-	120
612-S	8	13	-	104
612-S2	8	13	-	104
612-M	5	9	-	45
612-DW	2	9	-	18
612-B	4	8	-	28
612-T	8	-	30	240
612-S	8	-	26	208
612-S2	8	-	26	208
612-M	5	-	18	90
612-DW	2	-	18	36
612-B	4	-	16	56

#### DOUBLE SIDED TROLLEY: ARSS-3

Heavy duty double sided trolley base fitted with heavy duty castors. Ideal for use with Hippo bins in different combinations as required. Please order HIPPO BINS, Rails (AUR-1) and ARSS-3 (It consists of heavy duty trolley base ARSTM and Pipe set ARSP) separately.

Art No.: ARSS-3

ARSS-3 DIMENSION 1030 X 640 X 1620 mm.

(Width 1030 mm including Handles on both sides)



ARSS-3 Trolley fitted with mixed Hippo Bins on both sides.

# **TOTE BINS**





#### MADE FROM POLYPROPYLENE COPOLYMER.

- Stable and robust Design.
- Flexible use due to Vertical and Horizontal partitions (optional).
- Resistance to most industrial solvents, withstands higher temperature.
- ▶ Compatible with shelving and vertical storage systems.
- Large Label Holder.
- Smooth Internal wall for easy cleaning.
- Anti skid bottom.
- Stackable.

#### **Bins Dimensions**

Art No.	Outside	Dimension	ns in mm	Inside Dimensions in mm		
AIT NO.	Length Width		Heigth	Length	Width	Heigth
AK-421	400	255	100	365	230	90
AK-422	400	255	200	365	230	190

All dimensions in mm approx.

# H

#### **Tote Bin Partitions**

Partition for AK-421	ART NO.
Horizontal Plain Partitions	AK-421-HP
Horizontal Partitions With Single Slot	AK-421-HP S1
Vertical Partitions With Three Slot	AK-421-VP S3

**Tote Bin Partitions** 

Partition for AK-422	ART NO.
Horizontal Partition	AK-422-HP



**AK-421**Horizontal Partitions.

**AK-421** Horizontal & Vertical Partition



Colours: RED



BLUE



Please note: colors shown here are similar, not exact, to actual product colors.

# **BULL BINS**



- Provision for vertical partitions to increase storage options. (Except for Bull Bin 55)
- Full length rear lip supports provided for hanging bins on louvered panels or rails. (Except for Bull Bin 55)
- Resistance to most industrial solvents, withstands higher temperature.
- Anti skid strips provided at the base.
- Extra wide stacking base for secure stacking.
- Tapered front & rear bottom for easy movement on conveyers.
- Stopper prevents stacked bins from shifting forward.
- Extra wide label slot for easy content identification.

#### **Bins Dimensions**

ART NO.	Outside I	Dimensions	s in mm	Inside Dimensions in mm		
	Length	Width	Height	Length	Width	Height
BULL BIN 5	168	102	74	145	86	66
BULL BIN 15	201	125	101	178	105	92
<b>BULL BIN 25</b>	229	150	126	192	128	114
BULL BIN 35	300	208	158	255	185	145
BULL BIN 45	348	210	200	305	187	185
BULL BIN 55	510	310	200	480	280	195

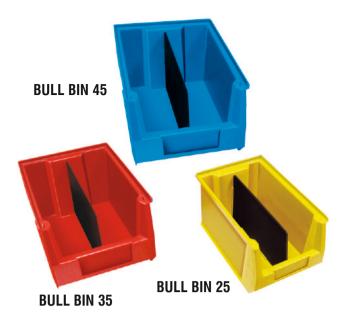
Yellow

All Dimension in mm Approx.

Red Blue Grey Green
Colors for all Bins :

( Bull Bin 55 - Red & Blue colour only)





**BULL BIN** fitted with vertical partitions.



LP 3 Louvre Panel fitted with Bull Bins.

#### **BULL BIN PARTITIONS**

Vertical Partition for BULL BINS. Available as an accessory to increase storage options

**BULL BIN 25 VERTICAL PARTITION** 

Art No.: VP-BULL BIN 25

**BULL BIN 35 VERTICAL PARTITION** 

Art No.: VP-BULL BIN 35

**BULL BIN 45 VERTICAL PARTITION** 

Art No.: **VP-BULL BIN 45** 

#### **LOUVRE PANELS**

are manufactured from 1.5 mm CRCA steel and powder coated in grey color. BULL BINS can be mounted with ease in variable combinations as listed Below.

No of bins per louvre panel									
Art No.	LP 1	LP 2	LP 3	LP 6					
SIZE	457 x 457	457 x 610	457 x 914	457 x 1829					
<b>BULL BIN 5</b>	24	36	48	96					
<b>BULL BIN 15</b>	12	15	24	48					
<b>BULL BIN 25</b>	9	12	18	36					
BULL BIN 35	4	6	10	20					
BULL BIN 45	4	6	8	16					

All dimensions in mm approx.

#### **UNIVERSAL RAIL: AUR-1**

Universal rail (SIZE 915 MM L X 60 MM H) made from steel and powder coated in grey color Can be mounted on any surface like walls, benches, slotted angle systems, stands, and trolleys. These rails increase the flexibility of using different sizes of bins with ease and help in optimizing Storage space. The added feature of this rail is that when you use multiple rail one below each other from the second rail onwards the top part of the rail can be used as a support to the lower part of the bin mounted on the above rail and the bottom part of the rail can be used to mount the bin and so on, this helps in using lesser number of rails in the case when bins of height more than 130mm are used.

Art No.: AUR-1

No of Bins per UNIVERSAL RAIL

ART NO.	BULL	BULL	BULL	BULL	BULL
	BIN 5	BIN 15	BIN 25	BIN 35	BIN 45
NO. OF BINS	9	7	6	4	4



#### DOUBLE SIDED STAND : ARSS-2

Heavy duty double sided stand is ideal for use with BULL BINS in different combinations as detailed below. Please order BULL BINS, Rails (AUR-1), Stands (ARSS-2) separately as per your requirement. Stand can be also used single sided as per requirement.

Art No.: ARSS-2

ARSS-2 DIMENSION: 1030mm X 635mm X 1450mm.





fitted with Bull Bins 35 on both sides.

ART NO.	BINS	RAILS F	PER ARSS	TOTAL NO.
AIII NO.	PERRAIL	Single Side	Double Side	OF BINS
BULL BIN 5	9	12	-	108
BULL BIN 15	7	10	-	70
<b>BULL BIN 25</b>	6	9	-	54
BULL BIN 35	4	8	-	28
BULL BIN 45	4	6	-	20
BULL BIN 5	9	-	24	216
BULL BIN 15	7	-	20	140
BULL BIN 25	6	-	18	108
BULL BIN 35	4	-	16	56
BULL BIN 45	4	-	12	40

#### **DOUBLE SIDED TROLLEY: ARSS-3**

Heavy duty double sided trolley base fitted with heavy duty castors. Ideal for use with Bull bins in different combinations as required. Please order BULL BINS, Rails (AUR-1) and ARSS-3 (It consists of heavy duty trolley base ARSTM and Pipe set ARSP) separately.

Art No.: ARSS-3

ARSS-3 DIMENSION: 1030mm X 640mm X 1620mm.

(1030 mm including handles on both sides)



**ARSS-3** Trolley fitted with mixed Bull Bins on both sides.



#### **■ LOUVRE PANEL STAND : FSS/C**

Free standing stand FSS can be fitted with LP 2 LOUVRE PANELS on both sides. For single side application order 2 nos LP 2 Separately. For Double side application order 4 nos LP 2 Separately.

ART NO.: FSS/C

DIMENSION: 457mm X 630mm X 1560mm

#### LOUVRE PANEL STAND: FSS/L/2

Free standing stand FSS/L/2 can be fitted with LP 2 LOUVRE PANELS on both sides. For single side application order 4 nos LP 2 Separately. For Double side application order 8 nos LP 2 Separately.

ART NO.: FSS/L/2

DIMENSION: 914mm X 630mm X 1560mm





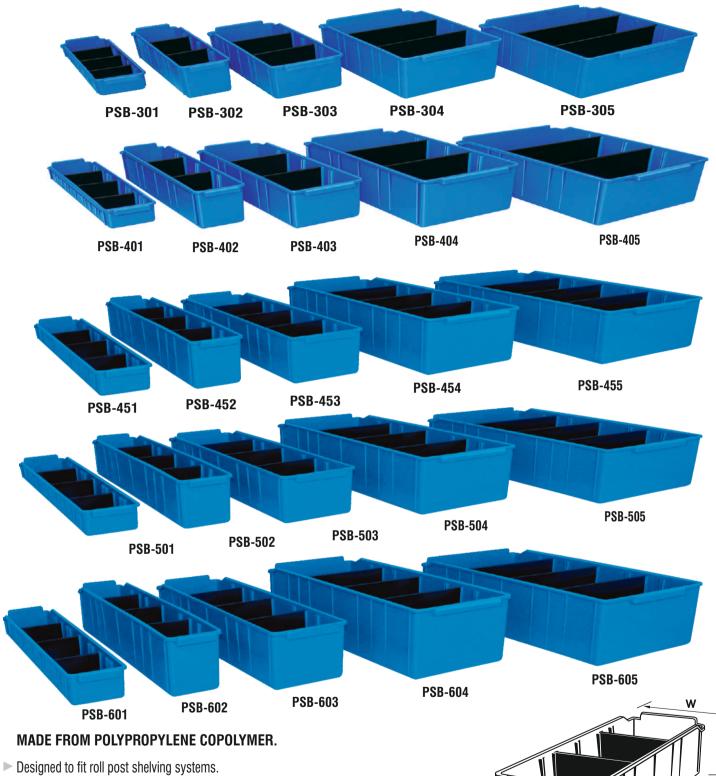
# **■ LOUVRE PANEL STAND : FSS/L/3**

Free standing stand FSS/L/3 can be fitted with LP 2 LOUVRE PANELS on both sides. For single side application order 6 nos LP 2 Separately. For Double side application order 12 nos LP 2 Separately.

ART NO.: FSS/L/3

**DIMENSION: 1371mm X 630mm X 1560mm** 

# **PANDA SHELF BINS**



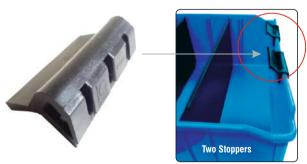
- Twenty five standard sizes to suit 300 mm, 400 mm, 450mm, 500mm & 600 mm deep shelving.
- ▶ Resistance to most industrial solvents, withstands higher temperature.
- ▶ Integral back stop for clear viewing of PANDA BIN contents.
- Partitions are notched to ensure positive location within the bins.
- PANDA BINS feature a small handle to allow maximum area of the front face for sticking identification labels.
- ▶ The PANDA BINS use a unique design for added strength.

# **BIN DIMENSIONS**

ART NO.	Outside	Dimensions	in mm	Inside I	Dimensions	in mm	No. of DIVIDERS
ANT NU.	Length	Width	Height	Length	Width	Height	with each Bin
PSB-301	315	100	60	293	86	55	3
PSB-302	315	100	110	293	86	105	2
PSB-303	315	150	110	293	136	105	2
PSB-304	315	220	135	293	206	130	2
PSB-305	315	300	135	293	282	130	2
PSB-401	415	100	60	393	86	55	3
PSB-402	415	100	110	393	86	105	2
PSB-403	415	150	110	393	136	105	2
PSB-404	415	220	135	393	206	130	2
PSB-405	415	300	135	393	282	130	2
PSB-451	465	100	60	443	86	55	3
PSB-452	465	100	110	443	86	105	3
PSB-453	465	150	110	443	136	105	3
PSB-454	465	220	135	443	206	130	3
PSB-455	465	300	135	443	282	130	3
PSB-501	515	100	60	493	86	55	3
PSB-502	515	100	110	493	86	105	3
PSB-503	515	150	110	493	136	105	3
PSB-504	515	220	135	493	206	130	3
PSB-505	515	300	135	493	282	130	3
PSB-601	615	100	60	593	86	55	2 2 2 2 3 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3
PSB-602	615	100	110	593	86	105	3
PSB-603	615	150	110	593	136	105	3
PSB-604	615	220	135	593	206	130	3 3 3
PSB-605	615	300	135	593	282	130	3

All dimensions in mm approx.

#### **PANDA BIN STOPPER**



- Panda Bin Stopper when fixed on the Panda bin forms a integrated rear lip which stops the bin from coming out unless it is tilted upwards.
- Made from strong Nylon Plastic.
- Self Locking on any size Panda Bins.
- Use two stoppers for Panda Bins :- PSB 304, PSB 305, PSB 404, PSB 405, PSB 454, PSB 455, PSB 504, PSB 505, PSB 604, PSB 605 and Single Stopper for all other Panda Bins.

Art No.: PSBS







Grey for Shelving Black for Partitions / PSBS Blue for Bins Please note: colors shown here are similar, not exact, to actual product colors.



Panda Shelf Bin.

Single Stopper.



Roll Post Shelving System.



Integral back stop allows viewing of contents.

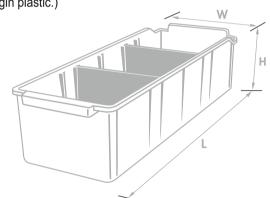


# TRANSPARENT PANDA SHELF BINS



#### BINS MADE FROM RANDOM POLYPROPYLENE COPOLYMER. (Non toxic virgin plastic.)

- ▶ Ten standard sizes to suit 300 mm, 400 mm deep shelving.
- Integral back stop for clear viewing of Bin contents.
- Resistance to most industrial solvents, withstands higher temperature.
- Dividers are notched to ensure positive location within the bins.
- ▶ Bins feature a small handle to allow maximum area of the front face for sticking identification labels.
- ▶ Bins are Strong, Durable and easy to maintain.
- Extra Bin Partitions can be ordered separately as required.



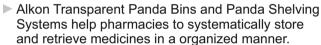
#### **BIN DIMENSIONS**

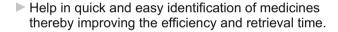
SR	ART NO.	OUTE	OUTER DIMENSIONS		INNER	INVERTIBLIASIONS EFFECTIVE DIVIDE		No. of DIVIDERS	STD.	
NO.	ART NO.	Length	Width	Height	Length	Width	Height	HEIGHT	with each Bin	PACK
1.	PSB-301 T	315	100	60	293	86	55	55	3	24
2.	PSB-302 T	315	100	110	293	86	105	105	2	24
3.	PSB-303 T	315	150	110	293	136	105	105	2	12
4.	PSB-304 T	315	220	135	293	206	130	130	2	12
5.	PSB-305 T	315	300	135	293	282	130	130	2	6
6.	PSB-401 T	415	100	60	393	86	55	55	3	24
7.	PSB-402 T	415	100	110	393	86	105	105	2	24
8.	PSB-403 T	415	150	110	393	136	105	105	2	12
9.	PSB-404 T	415	220	135	393	206	130	130	2	12
10.	PSB-405 T	415	300	135	393	282	130	130	2	6

All dimensions in mm Approx.

# **PANDA SHELVING SYSTEMS**







- ► Ergonomic in design which enhance outlook of the pharmacy or medical store.
- ► Fully modular and are designed to suit the storage needs of medicines, tablets, liquid bottles and larger products.
- ► Flexible and can be adjusted at any stage without hampering day to day operations.
- ► Help in achieving high density storage of products in the smallest of areas available.
- ▶ Bins / Bins Stoppers / Shelving Bodies / Shelves / Shelf Dividers / Doors for shelving systems / Kick plates can be ordered separately as per your requirements.





**ASUB 1875** 

**ASUB 1275** 

#### Shelving system finish

All Panda shelving components are manufactured in 0.8mm CRCA steel and are duly powder coated in light grey colour.

#### Capacity

Shelf load capacities as per the **UDL** (Uniformly Distributed Load) are listed below

SHELF	SHE	SHELF SIZE IN MM					
	Length	Width	Heigth	UDL			
ASUS 300	300	900	30	70 Kg.			
ASUS 400	400	900	30	60 Kg.			

All dimensions in mm approx.

#### STANDARD SIZE

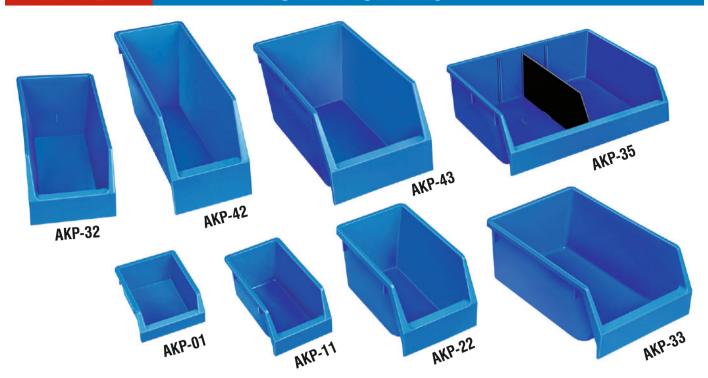
System Heights (mm) 1275,1875 & 2375 System Width (mm) 900 System Depths (mm) 300 & 400.







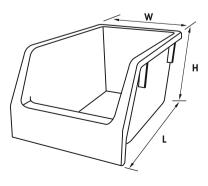
# **KOALA PICK BINS**



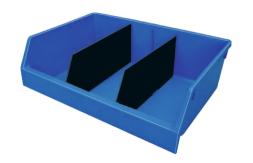
#### MADE FROM POLYPROPYLENE COPOLYMER.

- ► KOALA BINS nest to save transportation cost by almost 70%.
- ► The clear design of KOALA BINS make them easy to clean and use in dust free environments like Hospitals.
- Resistance to most industrial solvents, withstands higher temperature.
- Extra wide front face for sticking identification labels for easy content identification.
- ▶ Provision for vertical dividers to increase storage options in KOALA BIN AKP-35.
- ► KOALA BINS AKP-01 / AKP-11 / AKP-22 / AKP-32 / AKP-33 / AKP-35 have full length rear lip supports provided for hanging bins on louvered panels or rails.
- ► KOALA BINS AKP-32 / AKP-33 / AKP-35 / AKP-42 / AKP-43 designed to fit roll post shelving systems.
- Anti skid strips provided at the base.

ART NO.	Outside [	Dimension	s in mm	Inside Di	mensions	in mm
ANT NO.	Length	Width	Height	Length	Width	Height
AKP- 01	130	105	60	105	90	55
AKP- 11	180	105	90	155	90	85
AKP- 22	220	140	140	195	125	135
AKP- 32	300	140	140	270	125	135
AKP- 33	300	215	140	270	200	135
AKP- 35	300	435	140	270	410	135
AKP- 42	400	145	200	360	125	195
AKP- 43	400	215	200	360	200	195



All Dimension in mm Approx.



**KOALA BIN AKP-35 VP.** 

**LP 3** Louvre Panel fitted with Koala Pick Bins.

#### **KOALA BIN PARTITION**

Vertical Partition for KOALA BIN AKP-35 available as an accessory to increase storage options

**KOALA BIN AKP-35 VERTICAL PARTITION** 

Art No.: AKP-35 VP

#### **LOUVRE PANELS**

are manufactured from 1.5 mm CRCA steel and powder coated in grey color. KOALA BINS can be mounted with ease in variable combinations as listed Below.

	No of bins per louvre panel										
Art No.	LP 1	LP 2	LP 3	LP 6							
SIZE	457 x 457	457 x 610	457 x 914	457 x 1829							
AKP 01	24	32	48	96							
AKP 11	16	20	32	64							
AKP 22	9	12	18	36							
AKP 32	9	12	18	36							
AKP 33	6	8	12	24							
AKP 35	3	4	6	12							

All dimensions in mm approx.

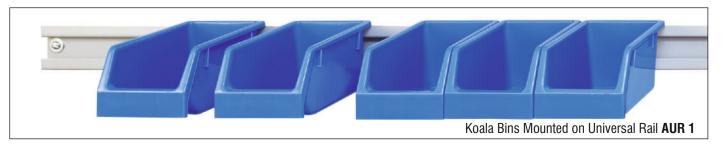
#### **UNIVERSAL RAIL: AUR-1**

Universal rail (SIZE 915 mm L X 60 mm H) made from steel and powder coated in grey color can be mounted on any surface like walls, benches, slotted angle systems, stands, and trolleys. These rails increase the flexibility of using different sizes of bins with ease and help in optimizing storage space. The added feature of this rail is that when you use multiple rail one below each other from the second rail onwards the top part of the rail can be used as a support to the lower part of the bin mounted on the above rail and the bottom part of the rail can be used to mount the bin and so on, this helps in using lesser number of rails in the case when bins of height more than 130mm are used.

Art No.: AUR-1

No of Bins per UNIVERSAL RAIL

ART NO.	AKP	AKP	AKP	AKP	AKP	AKP
	01	11	22	32	33	35
No. of Bins	8	8	6	6	4	2

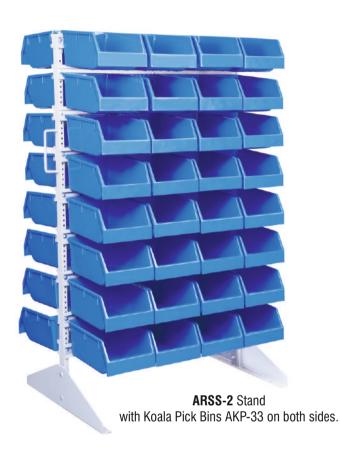


#### **DOUBLE SIDED STAND: ARSS-2**

Heavy duty double sided stand ideal for use with KOALA BINS in different combinations as detailed below. Please order KOALA BINS, Rails (AUR-1), Stands (ARSS-2) separately as per your requirements. Stand can be also used single sided as per requirement.

Art No.: ARSS-2

ARSS-2 DIMENSION 1030 X 635 X 1450 mm.





with Koala Pick Bins AKP-32 on both sides.

ADT NO	BINS	RAILS F	TOTAL NO.	
ART NO.	PERRAIL	Single Side	Double Side	OF BINS
AKP-01	8	15	-	120
AKP-11	8	12	-	96
AKP-22	6	9	-	48
AKP-32	6	9	-	48
AKP-33	4	9	-	32
AKP-35	2	9	-	16
AKP-01	8	-	30	240
AKP-11	8	-	24	192
AKP-22	6	-	18	96
AKP-32	6	-	18	96
AKP-33	4	-	18	64
AKP-35	2	-	18	32

#### **DOUBLE SIDED TROLLEY: ARSS-3**

Heavy duty double sided trolley base fitted with heavy duty castors. Ideal for use with KOALA BINS in different combinations as required. Please order KOALA BINS, Rails (AUR-1) and ARSS-3 (It consists of heavy duty trolley base ARSTM and Pipe set ARSP) separately.

Art No.: ARSS-3

ARSS-3 DIMENSION 1030 X 640 X 1620 mm. (1030 mm including handles on both sides)



ARSS-3 Trolley with mixed Koala Pick Bins on both sides.



#### **LOUVRE PANEL STAND : FSS/C**

Free standing stand FSS can be fitted with LP 2 LOUVRE PANELS on both sides. For single side application order 2 nos LP 2 Separately. For Double side application order 4 nos LP 2 Separately.

ART NO.: FSS/C

DIMENSION: 457mm X 630mm X 1560mm



#### LOUVRE PANEL STAND : FSS/L/2

Free standing stand FSS/L/2 can be fitted with LP 2 LOUVRE PANELS on both sides. For single side application order 4 nos LP 2 Separately. For Double side application order 8 nos LP 2 Separately.

ART NO.: FSS/L/2

DIMENSION: 914mm X 630mm X 1560mm



#### **■ LOUVRE PANEL STAND : FSS/L/3**

Free standing stand FSS/L/3 can be fitted with LP 2 LOUVRE PANELS on both sides.

For single side application order 2 nos LP 2 Separately. For Double side application order 4 nos LP 2 Separately.

ART NO.: FSS/L/3

**DIMENSION: 1371mm X 630mm X 1560mm** 

# ALKON BINS SIZE COMPARISON CHART









**SUPRA BINS** 

**RHINO BINS** 

**HIPPO BINS** 

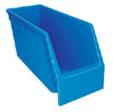
**BULL BINS** 

BINS SR NO.		SR ART NO.	OUTER	R DIMEN	ISIONS	INNER DIMENSIONS			EFFECTIVE	STD.	Volume Per Box
DINO	NO.	AIII NO.	Length	Width	Height	Length	Width	Height	HEIGHT	PACK	CBM
SUPRA	1.	SB-1	125	100	60	117	80	52	25	60	0.0458
BINS	2.	SB-2	170	100	85	157	80	75	40	60	0.0855
	3.	SB-3	220	130	125	200	115	115	73	50	0.1954
	4.	SB-4	290	178	143	265	155	130	80	10	0.0786
	5.	SB-5	290	363	145	265	340	130	83	5	0.0786
	6.	SB-6	440	180	145	415	154	130	85	10	0.1193
	7.	SB-7	435	425	215	405	380	208	120	6	0.1175
	8.	SB-7X	435	400	215	405	360	208	120	6	0.1148
	9.	SB-8	600	425	300	530	375	290	170	5	0.1622
RHINO	10.	ARTB-05	109	104	49	95	89	43	23	60	0.0383
BINS	11.	ARTB-10	136	106	76	125	90	65	28	60	0.0688
	12.	ARTB-20	187	106	76	171	90	65	32	40	0.0639
	13.	ARTB-25	205	139	126	190	115	121	61	40	0.1512
	14.	ARTB-30	274	140	127	256	115	115	56	40	0.2102
	15.	ARTB-35	280	210	179	255	170	160	80	20	0.2098
	16.	ARTB-40	375	210	179	355	170	160	80	10	0.1537
	17.	ARTB-50	457	280	255	432	241	240	108	6	0.2079
	18.	ARTB-60	375	415	179	355	375	160	80	5	0.1537
	19.	ARTB-70	460	420	292	435	375	282	155	3	0.1805
HIPPO	20.	612-T	100	110	53	80	90	43	25	60	0.0235
BINS	21.	612-S	150	110	75	130	90	68	40	60	0.0820
Dillo	22.	612-S2	175	115	75	150	90	64	40	40	0.0571
	23.	612-M	250	165	125	225	132	115	67	40	0.2084
	24.	612-DW	250	344	125	210	312	115	67	20	0.2208
	25.	612-B	355	220	150	330	182	138	85	10	0.1243
	26.	612-J	515	330	200	470	295	180	115	8	0.2677
BULL	27.	BULL BIN-5	168	102	74	145	86	66	38	60	0.0801
BINS	28.	BULL BIN-15	201	125	101	178	105	92	48	40	0.1056
DINO	29.	BULL BIN-25	229	150	126	192	128	114	58	50	0.2129
	30.	BULL BIN-35	300	208	158	255	185	145	80	20	0.2087
	31.	BULL BIN-45	348	210	200	305	187	185	110	10	0.1539
	32.	BULL BIN-55	510	310	200	480	280	195	85	8	0.2677
TOTE BINS	33.	AK-421	400	255	100	365	230	90	90	10	0.1014
TOTE DING	34.	AK-421 AK-422	400	255	200	365	230	190	190	5	0.1014
	U4.	AN-422	400	200	200	000	200	130	130	J	0.1020

# **BINS SIZE COMPARISON CHART**







**TOTE BINS** 

**PANDA SHELF BINS** 

**KOALA PICK BINS** 

BINS	SR NO.	ART NO.	OUTER	R DIMEN	ISIONS	INNEF	R DIMEN	SIONS	EFFECTIVE	STD.	Volume Per Box
DINO	NO.	AIII NO.	Length	Width	Height	Length	Width	Height	HEIGHT	PACK	Per Box CBM
DANDA	35.	PSB-301	315	100	60	293	86	55	55	24	0.0530
PANDA	36.	PSB-302	315	100	110	293	86	105	105	24 24	0.0330
SHELF											
BINS	37.	PSB-303	315	150	110	293	136	105	105	12	0.0677
	38.	PSB-304	315	220	135	293	210	130	130	12	0.1221
	39.	PSB-305	315	300	135	293	282	130	130	6	0.0828
	40.	PSB-401	415	100	60	393	86	55	55	24	0.0650
	41.	PSB-402	415	100	110	393	86	105	105	24	0.1165
	42.	PSB-403	415	150	110	393	136	105	105	12	0.0881
	43.	PSB-404	415	220	135	393	210	130	130	12	0.1517
سي.	44.	PSB-405	415	300	135	393	282	130	130	6	0.1048
NEW	<b>45</b> .	PSB-451	465	100	60	443	86	55	55	24	0.0633
NEW		PSB-452	465	100	110	443	86	105	105	24	0.1191
NEW		PSB-453	465	150	110	443	136	105	105	12	0.0894
NEW	₹ 48.	PSB-454	465	220	135	443	210	130	130	12	0.1595
NEW NEW		PSB-455	465	300	135	443	282	130	130	6	0.1143
	50.	PSB-501	515	100	60	493	86	55	55	24	0.0823
	51.	PSB-502	515	100	110	493	86	105	105	24	0.1456
	<b>52</b> .	PSB-503	515	150	110	493	136	105	105	12	0.1082
	53.	PSB-504	515	220	135	493	210	130	130	12	0.1971
	54.	PSB-505	515	300	135	493	282	130	130	6	0.1301
	55.	PSB-601	615	100	60	593	86	55	55	24	0.0869
	56.	PSB-602	615	100	110	593	86	105	105	12	0.0869
	57.	PSB-603	615	150	110	593	136	105	105	12	0.1306
	58.	PSB-604	615	220	135	593	210	130	130	12	0.2201
	59.	PSB-605	615	300	135	593	282	130	130	6	0.1513
KOALA	60.	AKP-01	130	105	60	105	90	55	26	64	0.0319
	61.	AKP-11	180	105	90	155	90	85	42	52	0.0414
PICK	62.	AKP-22	220	140	140	195	125	135	65	24	0.0475
BINS	63.	AKP-32	300	140	140	270	125	135	65	24	0.0617
	64.	AKP-33	300	215	140	270	200	135	65	16	0.0679
	65.	AKP-35	300	435	140	270	410	135	65	8	0.0855
	66.	AKP-42	400	145	200	360	125	195	95	21	0.0905
	67.	AKP-43	400	215	200	360	200	195	95	14	0.0905

All dimensions in mm Approx

**YELLOW** 

Colours for Bins : RED BLUE GREY GREEN

Please note: colors shown here are similar, not exact, to actual product colors.

For SB-7, SB-7X, ARTB-50, ARTB-60, ARTB-70, 612-J, AK-421, AK-422, BULL BIN-55 only Red & Blue colours. For Grey, Green & Yellow colours minimum order Qty. 500 pcs. per colour on special request only.

For Panda Shelf Bins & Koala Pick Bins only Blue colour.



# BINS PER LOUVRE / SINGLE OR DOUBLE SIDED ARSS STANDS

		LOUVDE	DANEL		ARSS STANDS						
ART NO.		LOUVRE	PANEL		BINS PER	SINGLE	SIDED	DOUBLE SIDED			
	LP-1	LP-2	LP-3	LP-6	BINS PER RAIL	RAIL	BIN	RAIL	BIN		
SB-1	24	32	48	96	9	15	135	30	270		
SB-2	16	20	32	64	9	12	108	24	216		
SB-3	9	12	18	36	7	9	63	18	126		
SB-4	6	8	12	24	5	8	35	16	70		
SB-5	3	4	6	12	2	8	14	16	28		
SB-6	6	8	12	24	5	8	35	16	70		
ARTB-05	24	32	48	96	8	15	120	30	240		
ARTB-10	16	20	32	64	8	12	96	24	192		
ARTB-20	16	20	32	64	8	12	96	24	192		
ARTB-25	9	12	18	36	6	8	48	16	96		
ARTB-30	9	12	18	36	6	8	48	16	96		
ARTB-35	4	6	8	18	4	7	24	14	48		
ARTB-40	4	6	8	18	4	7	24	14	48		
ARTB-60	2	3	4	9	2	7	12	14	24		
612-T	24	32	48	96	8	15	120	30	240		
612-S	16	20	32	64	8	13	104	26	208		
612-S2	16	20	32	64	8	13	104	26	208		
612-M	6	8	12	24	5	9	45	18	90		
612-DW	3	4	6	12	2	9	18	18	36		
612-B	4	6	10	20	4	8	28	16	56		
BULL BIN-5	16	20	32	64	9	12	108	24	216		
BULL BIN-15	12	15	24	48	7	10	70	20	140		
BULL BIN-25	9	12	18	36	6	9	54	18	108		
BULL BIN-35	4	6	10	20	4	8	28	16	56		
BULL BIN-45	4	6	8	16	4	6	20	12	40		
AKP-01	24	32	48	96	8	15	120	30	240		
AKP-11	16	20	32	64	8	12	96	24	192		
AKP-22	9	12	18	36	6	9	48	18	96		
AKP-32	9	12	18	36	6	9	48	18	96		
AKP-33	6	8	12	24	4	9	32	18	64		
AKP-35	3	4	6	12	2	9	16	18	32		