

# Automated Systems Totes (ASTs)

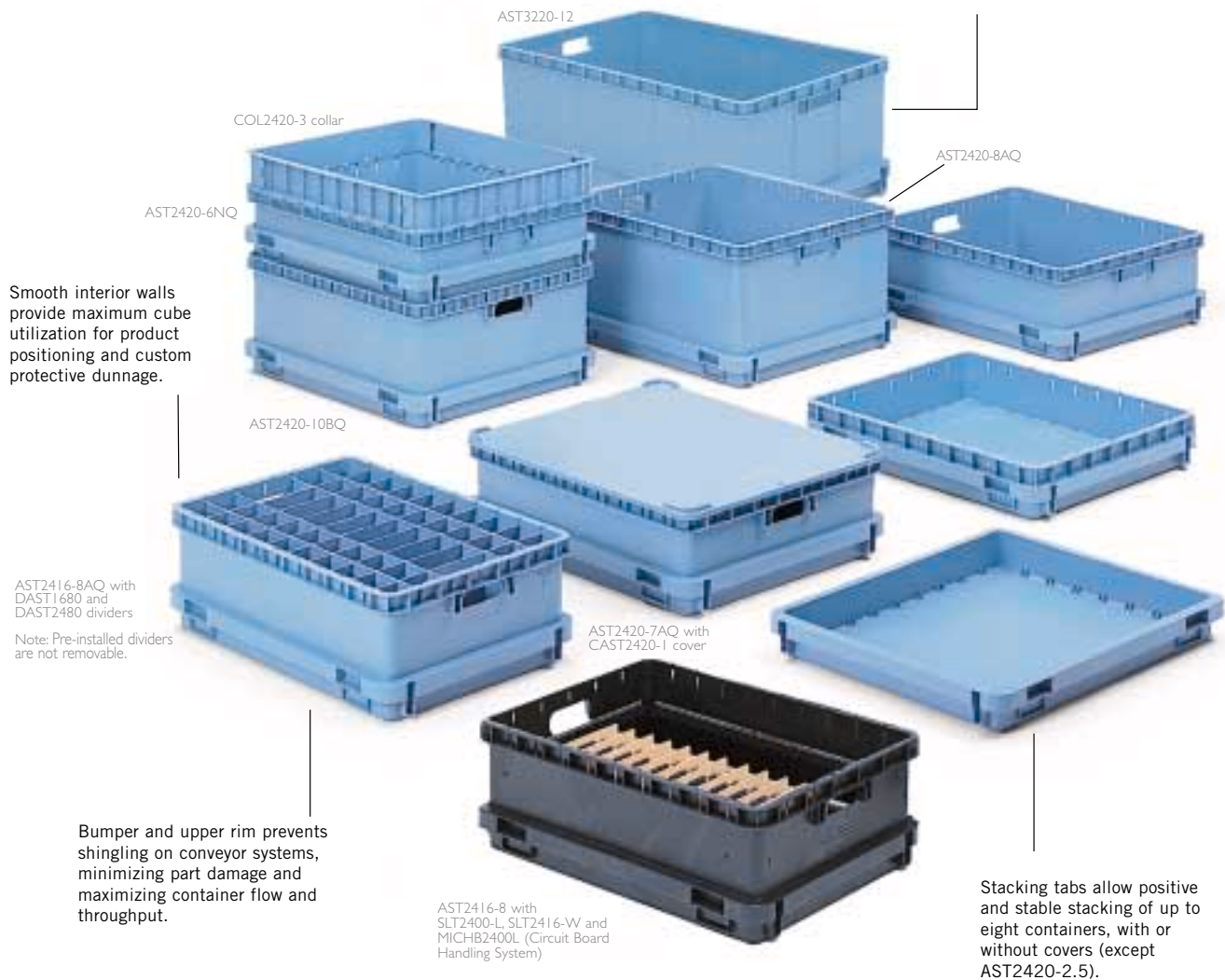
Automotive Components ■ Bearings ■ Hardware ■ Industrial Equipment  
 ■ Metal Parts ■ Plastics and Rubber ■ Resins and Powders ■ Tools



Automated System Totes (AST) are compatible with computer-assisted storage, retrieval, and parts tracking systems. A proven industry standard by AS/RS component manufacturers, these totes are ideal for automated or manual material handling and picking systems, carousels, mini-loads, tote stackers and AGVs.

These containers can be palletized on a 40 x 48 footprint. See the Pallet Compatibility Chart on page 83. Multiple identification options available. (See page 113.)

Smooth, non-reflective outer surface permits consistent scanning of bar codes and allows for easy label application.



Smooth interior walls provide maximum cube utilization for product positioning and custom protective dunnage.

AST2416-8AQ with DAST1680 and DAST2480 dividers  
 Note: Pre-installed dividers are not removable.

Bumper and upper rim prevents shingling on conveyor systems, minimizing part damage and maximizing container flow and throughput.

AST2416-8 with SLT2400-L, SLT2416-W and MICHB2400L (Circuit Board Handling System)

Stacking tabs allow positive and stable stacking of up to eight containers, with or without covers (except AST2420-2.5).

- >> Open or closed hand grips and closed, open, or 4-slotted drain hole ports.
- >> Designed with a textured bottom for improved conveyability.

- >> Customized handle cover protection.

## Cut-N-Weld™ ASTs

ASTs can be custom welded for your application by adding length, width or height to an existing container. A Cut-N-Weld container offers added strength, shorter lead times, and eliminates the tooling costs that a custom order requires. Multiple identification options are available including adhesive cardholders, placards and hot stamping. (See page 113.)

AST Collars



### Specifications (Upper Dimensions: English, Lower Dimensions: Metric)

Model	Outside Dimensions				Inside Dimensions				Total Container Height	Product Clearance	Container Weight (lb.)	Volume (cu. ft.)	Hot Stamp Area (W x H)	Molded-In Logo Area (W x H)	Hand Grip		Truckload Quantities 53' Trailer
	Top		Bottom		Top		Bottom								Closed	Open	
	L	W	L	W	L	W	L	W									
<b>AUTOMATED SYSTEMS TOTES</b>																	
AST2416-2.5	23.8	15.8	24.0	16.0	22.5	14.5	22.3	14.3	2.5	2.0	2.2	0.4	N/A	N/A	N/A	N/A	4,032
AST2416-8 <sup>1</sup>	23.8	15.8	24.0	16.0	22.5	14.5	22.3	14.3	8.0	7.5	4.7	1.4	2.0 x 4.0	1.8 x 4.0	Available	Available	1,400
AST2420-2.5	23.8	19.8	24.0	20.0	22.5	18.5	22.3	18.3	2.5	2.0	2.4	0.6	N/A	N/A	N/A	N/A	3,024
AST2420-4 <sup>2</sup>	23.8	19.8	24.0	20.0	22.5	18.5	22.3	18.3	4.0	3.5	3.8	0.9	1.8 x 4.0	1.0 x 3.5	Available	N/A	2,240
AST2420-6 <sup>2</sup>	23.8	19.8	24.0	20.0	22.5	18.5	22.3	18.3	6.0	5.5	5.0	1.3	N/A	1.3 x 3.0	Available	Available	1,456
AST2420-7 <sup>2</sup>	23.8	19.8	24.0	20.0	22.5	18.5	22.3	18.3	7.0	6.5	5.7	1.6	1.0 x 3.5	1.3 x 3.0	Available	Available	1,344
AST2420-8 <sup>2</sup>	23.8	19.8	24.0	20.0	22.5	18.5	22.3	18.3	8.0	7.5	6.1	1.8	1.3 x 3.0	1.3 x 3.0	Available	Available	1,120
AST2420-10 <sup>2</sup>	23.8	19.8	24.0	20.0	22.5	18.5	22.3	18.3	10.0	9.5	6.7	2.3	1.3 x 3.0	2.0 x 4.0	Available	Available	896
AST2420-12 <sup>2</sup>	23.8	19.8	24.0	20.0	22.5	18.5	22.3	18.3	12.0	11.5	7.8	2.7	1.3 x 3.0	2.0 x 4.0	Available	Available	784
AST3220-12 <sup>2</sup>	31.7	19.7	32.0	20.0	30.6	18.6	30.1	18.1	12.0	11.5	7.5	3.8	4.5 x 6.4	2.0 x 3.0	N/A	Available	392*

#### AST Collars

Model	Height	Weight (lb.)	Added Height (in.)
COL2420-2	2.0	0.2	2.0
COL2420-3	3.0	0.2	3.0
COL2416-3	3.0	0.5	3.0
COL2416-7	7.0	3.7	7.0

#### AST Covers

Model	Height	Weight (lb.)	Added Height (in.)
CAST2420-1	0.9	2.2	N/A
CAST2416-1	0.9	1.8	N/A

<sup>1</sup> Dividers available: DAST1680 (short) and DAST2480 (long). Pre-installed dividers are not removable.

<sup>2</sup> Custom designed plastic corrugated available designed upon request

\* Estimated truckload quantity, please contact ORBIS for specific information.



Interested in recycling your plastic containers at the end of their service life? "Recycle with ORBIS" is a convenient program designed to effectively recover, recycle and reprocess plastic containers into other useful products. To learn more, contact your ORBIS Sales Representative.