



SUN SHIELD LLC

PACKAGING & TRANSPORT SOLUTIONS

To deliver your goods at their best.

We develop smart, reusable and recyclable solutions for packaging, storing and transporting a wide range of goods internationally, in a cost-effective manner that supports a circular economy.

Innovation and partnership define the way we work, from the materials we use to the tailor-made products we create. Based on our decades of experience and expertise, we design and develop the most accurate products for our customers, in a wide variety of industries, committed to the highest standards of professional service.

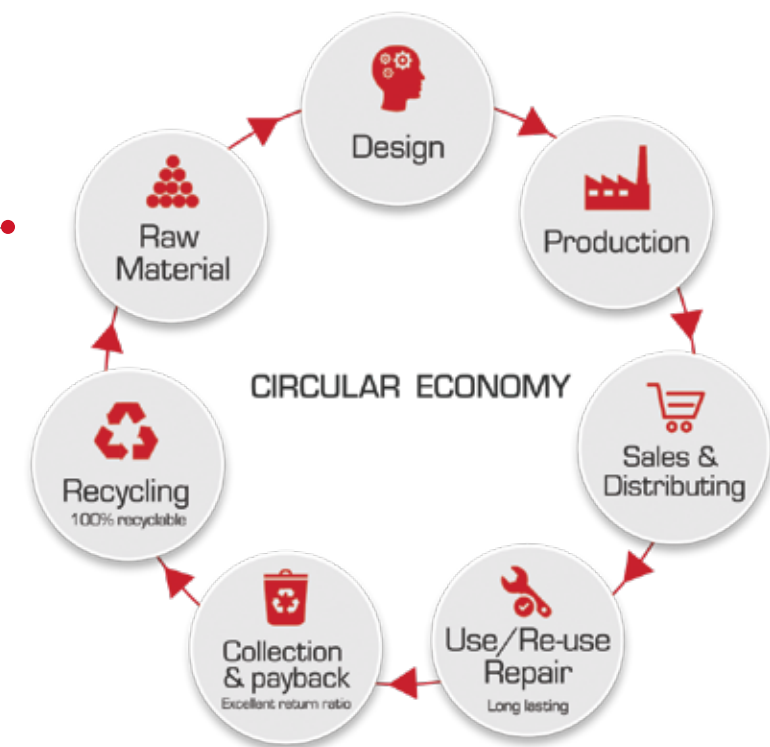
Sustainability is our policy, not merely a buzzword. The pallets, folding crates and plastic containers we develop are designed to be reused and recycled, making us market leaders in the RTI (Reusable Transport Items) field.

CIRCULAR ECONOMY AND SUSTAINABILITY

We are committed to the environment - Reduce, reuse and recycle

Our most advanced developments are designed to reduce the consumption of our customers. Our products are reusable, resistant, repairable and recyclable.

These characteristics make it possible to create closed logistics circuits that help to minimize the consumption of resources (transport, storage, etc.) and the generation of waste, considerably reducing pollution and CO₂ emissions.



HD45



• Features and advantages

- Light weight, one way pallet
- Nestable, great space saving ratio
- Easy and safe to handle
- Cost effective
- Stretch wrap feature
- Environment friendly - 100% recyclable
- Open or closed deck (optional)
- Runners optional*
- Resistant to UV sunlight and to elements

• Specifications

DIMENSIONS		
Dimensions (L/W/H)	48 / 40 / 5.1 in	1,219 / 1,016 / 130 mm
LOGISTICS		
Weight	11.5 lb	5.2 kg
Weight CD	14.1 lb	6.4 kg
Maximum load Dynamic	2,205 lb	1,000 kg
Maximum load Static	3,300 lb	1,500 kg
Pallets per stack	79	
TRANSPORT		
Units	2,370	2,184

* By adding runners, pallet performance improves by 20%.

SS72



• Features and advantages

- Cost effective
- Nestable - reduces freight costs
- Easy and safe to handle
- Environment friendly - 100% recyclable
- Maintenance free
- Hygienic and clean
- Safety rims (optional)
- Runners (optional)*
- Open or closed deck (optional)
- Resistant to UV sunlight and to elements

• Specifications

DIMENSIONS		
Dimensions (L/W/H)	47.2 / 31.5 / 5.1 in	1,200 / 800 / 130 mm
LOGISTICS		
Weight	9.9 lb	4.5 kg
Weight CD	11.9 lb	5.4 kg
Maximum load Dynamic	2,425.1 lb	1,100 kg
Maximum load Static	3968.3 lb	1,800 kg
Pallets per stack	79	
TRANSPORT		
Units	3,002	1,975

* By adding runners, pallet performance improves by 20%.

DUS1



• Features and advantages

- 100% recyclable
- Light weight
- Prevents the adherence to ice - perfect for freezer rooms
- Cost effective
- Anti-slip surface
- Easy to handle
- Solid body, one-piece construction
- Runners optional (3 Runners / 5/6 Runners (full perimeter))
- Resistant to UV sunlight and to elements

• Specifications

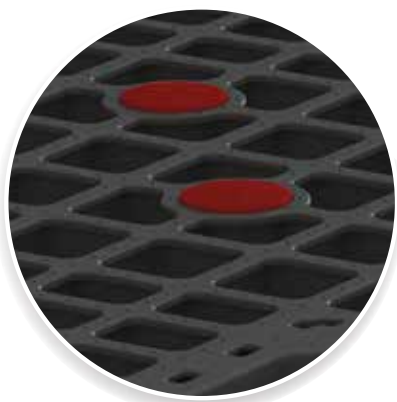
DIMENSIONS				
Dimensions (L/W/H)	48 / 40 / 6 in		1,200 / 1,000 / 152 mm	
LOGISTICS	No Runners	3 Runners	5 Runners	6 Runners
Weight	17.6 lb 8 kg	25.7 lb 11.7 KG	27.9 lb 12.7 KG	29 lb 13.2 KG
Maximum load Dynamic	3,087 lb 1,400 kg	3,087 lb 1,400 kg	3,087 lb 1,400 kg	3,087 lb 1,400 kg
Maximum load Static	6,614 lb 3,000 kg	6,614 lb 3,000 kg	6,614 lb 3,000 kg	6,614 lb 3,000 kg
Racking (with Runners)		1,102.5 lb 500 kg	1,102.5 lb 500 kg	1,102.5 lb 500 kg
Pallets per stack	54			
TRANSPORT				
53' Truck	1,620	1,410	1,200	1,200
40' HC	1,134	903	756	756



Strong legged structure



Space saving



Dots and rubber (optional) anti-slip

Options

- Custom colors (virgin only)
- Molded-in logo or
- Custom identification
- Bar coding
- Rubber anti-slip



Easy forklift entries when nested

SS14



Features and advantages

- Light weight full perimeter with 6 runners
- Suitable for automation for heavy loads
- Cost effective
- Easy and safe to handle
- Environment friendly
- -100% recyclable
- Maintenance free
- Safety rims (optional)
- Open or closed deck (optional)
- Light racking capability
- Resistant to UV sunlight and to elements
- Available in blue color virgin/off spec

Specifications

DIMENSIONS

Dimensions (L/W/H)	47.3 / 39.4 / 5.9 in	1,219 / 1,016 / 150 mm
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LOGISTICS

Weight	24.9 lb	11.3 kg
Maximum load Dynamic	4,410 lb	2,000 kg
Maximum load Static	7,054 lb	3,200 kg
Racking	1,543.5 lb	700 kg
Pallets per stack	18	

TRANSPORT

	53' Truck	40' HC
Units	540	357



SS43



• Features and advantages

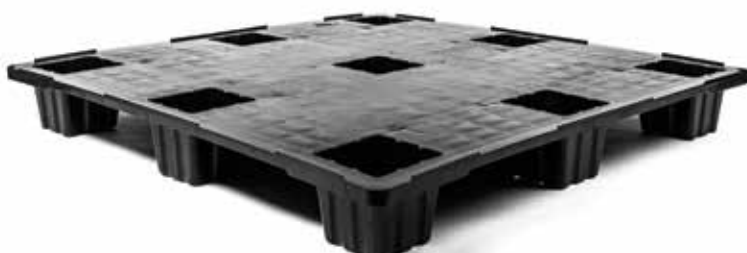
- Cost effective
- Nestable - reduces freight & storage costs
- Easy and safe to handle
- Environment friendly -100% recyclable
- Maintenance free
- Hygienic and clean
- Safety rims (optional)
- Runners (optional)*
- Open or closed deck (optional)
- Resistant to UV sunlight and to elements

• Specifications

DIMENSIONS		
Dimensions (L/W/H)	43.3 / 43.3 / 5.51 in	1100 / 1100 / 135 mm
LOGISTICS		
Weight	15.43 lb	7 kg
Maximum load Dynamic	3,207 lb	1,500 kg
Maximum load Static	6,615 lb	3,000 kg
Pallets per stack	60	
TRANSPORT	53' Truck	40' HC
Units	1,680	1,200

* By adding runners, pallet performance improves by 20%.

NP1



• Features and advantages

- Cost effective
- Nestable - reduces freight & storage costs
- Easy and safe to handle
- Environment friendly -100% recyclable
- Maintenance free
- Hygienic and clean
- Safety rims (optional)
- Runners (optional)*
- Open or closed deck (optional)
- Resistant to UV sunlight and to elements

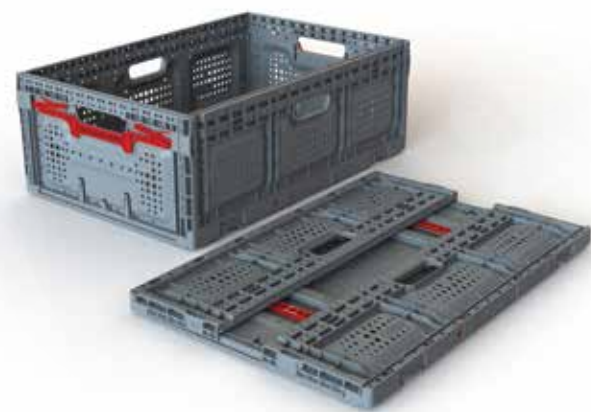
• Specifications

DIMENSIONS		
Dimensions (L/W/H)	45 / 45 / 5.51 in	1140 / 1140 / 135 mm
LOGISTICS		
Weight	17.63 lb	8 kg
Maximum load Dynamic	3,207 lb	1,500 kg
Maximum load Static	6,615 lb	3,000 kg
Pallets per stack	60	
TRANSPORT	53' Truck	40' HC
Units	1,680	1,200

* By adding runners, pallet performance improves by 20%.



The Advanced Series of Foldable Crates



• **Dimensions**

- Family of 23.62X15.75 in (600X400 mm)
- Available in heights: 4.53, 5.9, 7.28, 8.66, 10.23 in (115, 150, 185, 220, 260, 280 mm)

• **Notes on use**



 Ergo-lock system, soft opening-prevents injuries	 Marking option with colored pin	 Enlarged volume for more loading capacity
 Super ergonomic handles	 Cross stacking ability -- for better palletization	 4 Ways Iml/Rfid label: optional
 Excellent space saving ratio		
 Smooth, clean and hygienic		

> > The Advanced Series of Foldable Crates

• Specifications

MODEL	6411		6415		6418		6422		6426		6428	
DIMENSIONS												
External Dimensions (L/W/H)	23.6 / 15.7 / 4.5 in 600 / 400 / 115 mm		23.6 / 15.7 / 5.9 in 600 / 400 / 150 mm		23.6 / 15.7 / 7.3 in 600 / 400 / 185 mm		23.6 / 15.7 / 8.6 in 600 / 400 / 219 mm		23.6 / 15.7 / 10.2 in 600 / 400 / 259 mm		23.6 / 15.7 / 11.3 in 600 / 400 / 287 mm	
Internal Dimensions (L/W/H)	22.7 / 14.7 / 4.2 in 576 / 372 / 106 mm		22.7 / 14.7 / 5.6 in 576 / 372 / 141 mm		22.7 / 14.7 / 6.9 in 576 / 372 / 176 mm		22.7 / 14.7 / 8.3 in 576 / 372 / 210 mm		22.5 / 14.7 / 9.9 in 572 / 372 / 251 mm		22.4 / 14.6 / 10.9 in 560 / 370 / 278 mm	
Folded Height	1.1 in	27.7 mm	1.1 in	27.7 mm	1.1 in	27.7 mm	1.1 in	27.7 mm	1.9 in	48 mm	1.9 in	48 mm
LOGISTICS												
Weight	2.97 lb	1.35 kg	3.4 lb	1.52 kg	3.8 lb	1.7 kg	4 lb	1.8 kg	4.9 lb	2.2 kg	5.3 lb	2.4 kg
Usable Volume	6.1 gal	23 L	8.2 gal	31 L	10.3 gal	39 L	12.2 gal	46 L	14.5 gal	55 L	16.1 USgalon	61 Liter
Maximum Load Capacity	22.1 lb	10 kg	33.1 lb	15 kg	39.7 lb	18 kg	44.1 lb	20 kg	44.1 lb	20 kg	55.1 lb	25 kg
Max. Units per Iso Pallet	425		425		425		430		240		240	
Units per 40' Container	7,875		7,875		7,875		7,875		4,620		5,145	
Units per 53' Truck	12,750		12,750		12,750		12,900		7,200		7,200	
Units per 40'HC	8,925		8,925		8,925		8,925		5,154		5,145	

• The entire family



FC11



FC15



FC18



FC22



FC26



FC28

PC10 Picker Crate



• Features and advantages

- Colorful Identification of stacking direction
- Sliding rails for easy handling
- Super ventilated
- Two working modes in one crate
- 50% nesting capability
- Insert RFID/IML (optional)

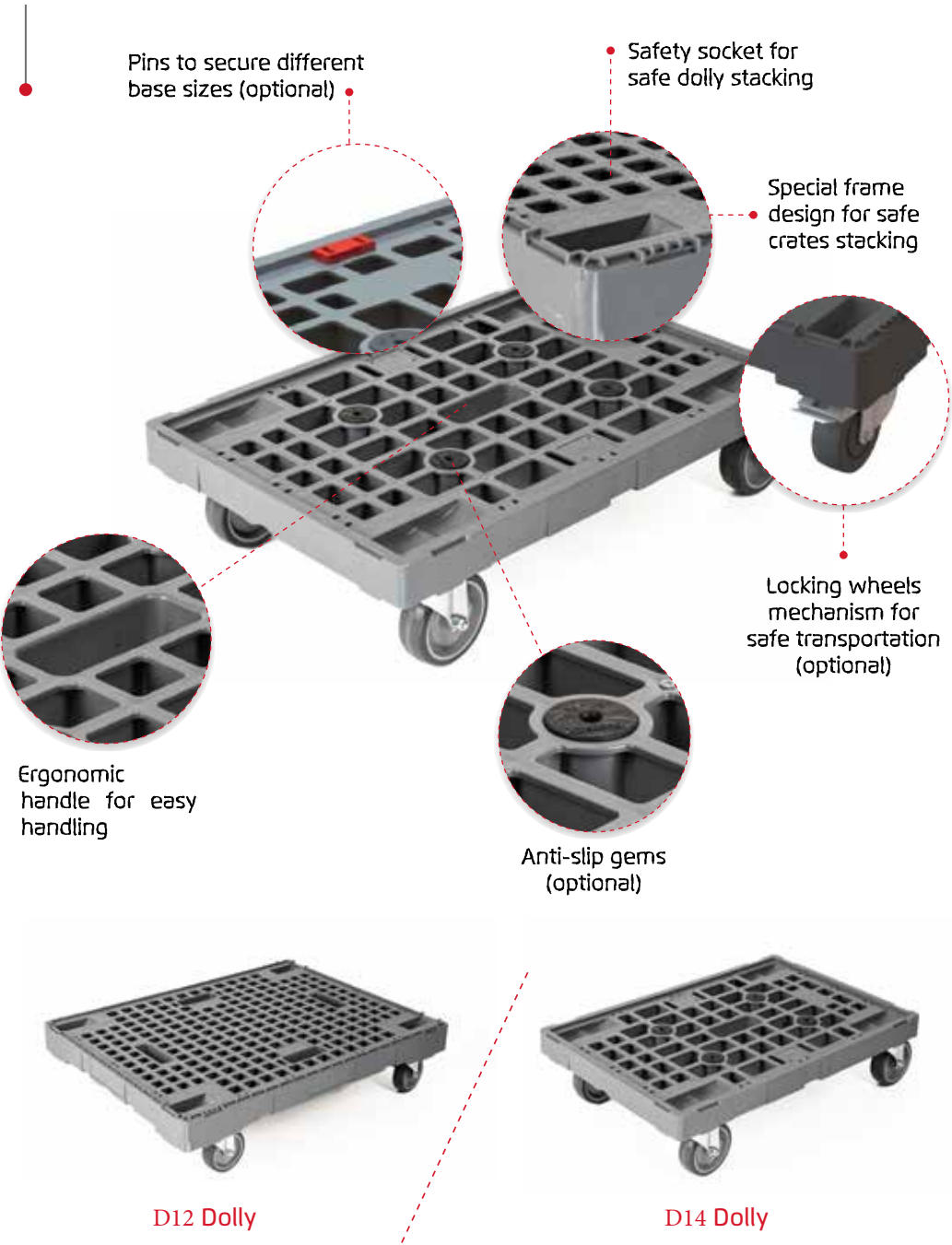
• Specifications

DIMENSIONS		
External Dimensions (L/W/H)	23.6 / 15.7 / 3.9 in	600 / 400 / 100 mm
Internal Dimensions (L/W/H)	22.1 / 14.2 / 3.5 in	561 / 361 / 88.5 mm
LOGISTICS		
Weight	1.94 lb	880 kg
Usable Volume	4.9 USgalon	18.5 Liter
Max. Units per Iso Pallet	235	
Max. Units per Euro Pallet	188	
TRANSPORT		
	53' Truck	40' HC
Units	7,050	4,935



THE NEW D DOLLY SERIES

Specifications



	BZ ¼ Dolly		BZ ½ Dolly	
Dimensions (L / W / H)	23.6 / 15.7 / 6.5 in		31.5 / 23.6 / 7.8 in	
	600 / 400 / 165 mm		800 / 600 / 198 mm	
LOGISTICS				
Weight	4 kg	8.8 LB	9 kg	19.8 LB
Maximum load	250 kg	551 LB	250 kg	551 LB
MATERIAL				
Material	PP			
Color	Gray			



D14 Dolly



D12 Dolly



Sun Shield LLC is headquartered in Michigan, United States. Specializing in distribution, trading commodities, contract manufacturing, environmental services, agriculture, etc... Our product portfolios include the highest quality, best branded products such as plastic pallets, core chemicals, compounding, agricultural, water remediation, proprietary contract manufacturing, virgin and recycled resin, trading of post industrial plastic commodities, plastic pallets, fitness equipment, etc...We welcome any conversation to provide best value based solutions as well as earning your business.

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