

10FT & 20FT ISO / DNV CONTAINER SOLUTION



SYNERGY
INNOVATIVE DIVING EQUIPMENT TRADING LLC

INDONESIA • SINGAPORE • MALAYSIA

UAE • UK • INDIA • AUSTRALIA • SINGAPORE



Shipping containers provide an ideal structural base for offshore and diving equipment installations due to their strength, durability, and secure design. Synergy supplies and converts 10FT and 20FT ISO and DNV offshore containers into fully functional equipment storage and operational systems tailored for diving and marine applications.

These containerized solutions are designed to meet the demanding requirements of offshore environments, ensuring safe transport, storage, and operation of critical equipment.

KEY FEATURES:

- ISO & DNV certified offshore container structures
- Custom CAD-designed internal layouts
- Diving equipment storage and transport systems
- Generator, welding, and utility equipment integration
- ISO to DNV pad eye conversion and reinforcement
- Thermal insulation and climate control systems
- Zone 2 compliant electrical configurations (optional)
- Offshore lifting and safety compliance design

Synergy provides in-house engineering and fabrication services to design and build customized containerized systems for diving equipment, generators, welding sets, and offshore storage applications.

Our CAD team develops tailored layouts for 10FT and 20FT containers, ensuring optimal equipment placement, structural safety, and operational efficiency.

We also perform ISO to DNV conversions, including pad eye installations, structural reinforcements, insulation works, and climate control systems (standard and Zone 2 rated systems).

THE CHALLENGE:

Offshore and marine operations require highly secure, certified, and mobile storage solutions capable of protecting sensitive diving and operational equipment in harsh environmental conditions.

The challenge was to design modular container systems that comply with ISO and DNV standards while supporting customized equipment layouts, lifting requirements, and offshore safety regulations.

THE RESULT:





The completed 10FT and 20FT ISO / DNV container systems provide a safe, certified, and highly adaptable solution for offshore diving and industrial operations.

These systems ensure secure storage, efficient transportation, and reliable deployment of critical equipment in demanding marine environments while maintaining full compliance with offshore standards.



Explore our custom offshore container conversions and equipment integration solutions.



Call Us

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Visit Us

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10FT ISO SHIPPING CONTAINER



Container	Specifications
Internal dimensions	L2.831 x B2.352 x H2.385 mm
External dimensions	L2.991 x B2.438 x H2.591 mm
Door opening	B2.340 x H2.280 mm
Volume	15.9 m ³
Tare weight	1,300 kg
Max payload	8,860 kg
Max cargo weight	10,160 kg
Color	Customized painting to client specifications
Certifications	ISO / CSC
Logo	Client logos done on special request





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10FT DNV 2.7.1 EN12079 CERTIFIED OFFSHORE CONTAINER

Container	Specifications
Internal dimensions	L2.830 x B2.346 x H2.352 mm
External dimensions	L2.991 x B2.438 x H2.591 mm
Door opening	B2.338 x H2.253 mm
Volume	15.6 m ³
Tare weight	1,300 kg
Max payload	8,860 kg
Max cargo weight	10,160 kg
Color	Customized painting to client specifications
Certifications	DNV 2.7.1 / EN 12079 / ISO / CSC
Logo	Client logos done on special request



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20FT ISO SHIPPING CONTAINER



Container	Specifications
Internal dimensions	L5.898 x W2.350 x H2.393 mm
External dimensions	L6.058 x W2.438 x H2.591 mm
Door opening	W2.342 x H2.280 mm
Volume	33,10 m ³
Tare weight	2.150 kgs
Max payload	28.330 kgs
Max cargo weight	30.480 kgs
Color	Customized painting to client specifications
Certifications	CSC certified
Logo	Client logos done on special request





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20FT DNV 2.7.1 EN12079 CERTIFIED OFFSHORE CONTAINER

Container	Specifications
Internal dimensions	L5.896 x B2.346 x H2.352 mm
External dimensions	L6.058 x B2.438 x H2.591 mm
Door opening	B2.338 x H2.253 mm
Volume	32,54 m ³ 2,
Tare weight	970 kgs13,
Max payload	530 kgs16,
Max cargo weight	500 kgs
Color	Customized painting to client specifications
Certifications	DNV 2.7.1 / EN 12079 / ISO / CSC
Logo	Client logos done on special request





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SYNERGY - CONTAINER & CONVERSIONS 10FT, 20 FT (ISO & DNV)

Outside Length	Outside Height	Outside Width	Internal Length	Internal Height	Internal Width	Door Width	Door Height	Cubic Capacity	Max Gross Weight	Tare Weight
8ft Container Dimensions	2.44m 8ft	2.26m 7ft 6in	2.26m 7ft	2.29m 7ft 6in	2.06m 6ft 6in	2.11m 6ft 11in	2.10m 6ft 11in	1.95m ³ 6ft 5in	9.95m ³ 351cf	6,000kg 13,227lbs 950kg 2,094lbs
10ft Container Dimensions	2.99m 10ft	2.59m 8ft 6in	2.44m 8ft	2.84m 9ft 4in	2.39m 7ft 10in	2.35m 7ft 9in	2.34m 7ft 9in	2.28m 7ft 6in	15.95m ³ 563cf	10,000kg 22,046lbs 1,000kg 2,204lbs
20ft Container Dimensions	6.06m 20ft	2.60m 8ft 6in	2.44m 8ft	5.9m 19ft 4in	2.39m 7ft 10in	2.35m 7ft 9in	2.34m 7ft 9in	2.28m 7ft 6in	33.2m ³ 1,172cf	30,480kg 67,196lbs 2,000kg 4,409lbs
40ft Container Dimensions	12.2m 40ft	2.60m 8ft 6in	2.44m 8ft	12.03m 39ft 5in	2.39m 7ft 10in	2.35m 7ft 9in	2.34m 7ft 9in	2.28m 7ft 6in	67.6m ³ 2,387cf	30,480kg 67,196lbs 3,470kg 7,650lbs
20ft Tunnel Dimensions	6.06m 20ft	2.60m 8ft 6in	2.44m 8ft	5.84m 19ft 1in	2.39m 7ft 10in	2.35m 7ft 9in	2.34m 7ft 9in	2.28m 7ft 6in	32.8m ³ 1,158cf	30,480kg 67,196lbs 2,180kg 4,806lbs
20ft Open-sider Dimensions	6.06m 20ft	2.60m 8ft 6in	2.44m 8ft	5.9m 19ft 4in	2.30m 7ft 6in	2.29m 7ft 6in	2.22m 7ft 3in	2.19m 7ft 3in	31m ³ 1,094cf	30,480kg 67,196lb 3,170kg 6,988lbs
40ft High Cube Dimensions	12.2m 40ft	2.90m 9ft 6in	2.44m 8ft	12.03m 39ft 5in	2.69m 8ft 10in	2.35m 7ft 9in	2.34m 7ft 8in	2.58m 8ft 6in	76.4m ³ 2,698cf	30,480kg 67,196lbs 3,660kg 8,068lbs
20ft Open-top Dimensions	6.06m 20ft	2.90m 9ft 6in	2.44m 8ft	5.96m 19ft 4in	2.28m 7ft 6in	2.35m 7ft 9in	2.34m 7ft 9in	2.28m 7ft 6in	33m ³ 1,165cf	30,480kg 67,196lbs 3,000kg 6,613lbs
40ft Open-top Dimensions	12.2m 40ft	2.60m 8ft 6in	2.44m 8ft	12.03m 39ft 5in	2.39m 7ft 10in	2.35m 7ft 9in	2.34m 7ft 9in	2.28m 7ft 6in	66.8m ³ 2,358cf	32,500kg 71,650lbs 4,050kg 8,928lbs
40ft Tunnel Dimensions	12.2m 40ft	2.60m 8ft 6in	2.44m 8ft	11.98m 39ft 4in	2.39m 7ft 10in	2.35m 7ft 9in	2.34m 7ft 9in	2.28m 7ft 6in	67.4m ³ 381cf	30,480kg 67,196lbs 3,680kg 8,113lbs
40ft High Cube Open Sider Dimensions	12.2m 40ft	2.90m 9ft 6in	2.44m 8ft	12.03m 39ft 5in	2.46m 8ft 1in	2.28m 7ft 6in	2.22m 7ft 3in	2.35m 7ft 9in	67.72m ³ 2,391cf	24,000kg 52,910lbs 5,920kg 13,051lbs
20ft High Cube Dimensions	6.06m 20ft	2.90m 9ft 6in	2.44m 8ft	5.96m 19ft 4in	2.69m 8ft 10in	2.35m 7ft 9in	2.34m 7ft 9in	2.58m 8ft 6in	37.4m ³ 1,320cf	30,480kg 67,196lbs 2,100kg 4,629lbs

BESPOKE DESIGNS – ANY CONFIGURATION AS PER CLIENT REQUIREMENT



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