COSCO SHIPPING | HEAVY TRANSPORT

Experience, Safety and Service

SEMI-SUBMERSIBLE
With more than 35 years experience, COSCO SHIPPING Heavy Transport is widely recognized as a leader in the semi-submersible market. We specialize in the handling of high value heavy cargoes and have a long track record of providing safe, reliable and fast transports by means of Float-on/Float-off, Roll-on/Roll-off, Skid-on/Skid-off and Lift-on/Lift-off operations. We also pioneered the market leading DP2 Floatover Installation method of large offshore equipment utilizing our DP2 semi-submersible fleet of vessels.

The vessels are manned by highly trained officers and crew and supported by top qualified and experienced on-shore technical and commercial personnel. We have dedicated ourselves to serving our clients’ needs and we consult and coordinate closely with clients to ensure that their requirements are fully met.
**m/v Kang Sheng Kou**

- **Flag:** Chinese
- **Classification:** CCS
- **DP System:** DP-2
- **Speed:** 13.5 knots
- **Propulsion:** 2 x 5000 kW
  - SSP twin azimuth pods
- **Bow thrusters:** 2 x 800 kW
- **LQA:** 156.0 m (512 ft)
- **LBP:** 145.0 m (476 ft)
- **Breadth moulded:** 36.0 m (118.1 ft)
- **Loaded Draft:** 7.4 m (24.3 ft)
- **Deck Submersion:** 9.0 m (29.5 ft)
- **Hull Depth:** 10.0 m (32.8 ft)
- **Cargo Deck:** 125 x 36.0 m (410 x 118 ft)
- **Bulkheads:** 5 Transverse bulkheads
  - Longitudinal bulkheads – 1 at centerline, 2 at 8.80 meters (28.9 ft) and 2 at 16.1 meters (52.8 ft) from centerline
  - Web frame spacing: Every 2.4 meters (7.9 ft)
- **Allowable load on maindeck:** 18 tons/m²
  - Casings: 7.6 x 4.95 x 11.8 m (24.9 x 16.2 x 38.7 ft)
- **Deadweight:** 20,131 tons
- **Ballast System:** 4 x 3,215 m³/hr air compressors
  - 44 ballast tanks, including top tanks, double bottom tanks, center tanks and side tanks enabling the vessel to better control motions and accelerations.
- **Accommodation for 12 persons in addition to crew.**
- **Power Supply to Cargo:**
  - 450 V, 60 Hz, 400 kW, 600 A during transit.
  - 380 V, 50 Hz, 250 kW, 400 A during transit.

**m/v Tai An Kou**

- **Flag:** Chinese
- **Classification:** CCS
- **DP System:** DP-2
- **Speed:** 13.5 knots
- **Propulsion:** 2 x 5000 kW
  - 2 fixed pitch propellers
- **Bow thrusters:** 2 x 1500 kW
- **Stern thruster:** 1 x 2000 kW
- **LQA:** 156.0 m (512 ft)
- **LBP:** 145.0 m (476 ft)
- **Breadth moulded:** 36.0 m (118.1 ft)
- **Loaded Draft:** 7.4 m (24.3 ft)
- **Deck Submersion:** 9.0 m (29.5 ft)
- **Hull Depth:** 10.0 m (32.8 ft)
- **Cargo Deck:** 125 x 36.0 m (410 x 118 ft)
- **Bulkheads:** 6 Transverse bulkheads
  - Longitudinal bulkheads – 1 at centerline and 2 at 11.2 meters from centerline (36.7 ft)
  - Web frame spacing: Every 3.2 meters (10.5 ft)
- **Allowable load on maindeck:** 20 tons/m²
  - Casings: 7.6 x 8.75 x 16.6 m (57.7 x 28.7 x 54.5 ft)
- **Deadweight:** 38,000 tons
- **Ballast System:** 4 x 3,200 m³/hr pumps
  - 62 ballast tanks, including top tanks, double bottom tanks, center tanks and side tanks enabling the vessel to better control motions and accelerations.
- **Accommodation for 12 persons in addition to crew.**
- **Power Supply to Cargo:**
  - 450 V, 60 Hz, 400 kW, 600 A during transit.
  - 380 V, 50 Hz, 250 kW, 400 A during transit.
X-Class

Flag: Hong Kong
Classification: CCS
DP System: DP-2
Speed: 13.5 knots
Propulsion: 2 x 5250 kW
Bow thrusters: 2 x 1500 kW
Stern thrusters: 2 x 1500 kW
LOA: 216.7 m (711 ft)
LBP: 212.1 m (696 ft)
Breadth moulded: 43.0 m (141 ft)
Loaded Draft: 9.68 m (31.8 ft)
Deck Submersion: 13.0 m (42.7 ft)
Hull Depth: 13.0 m (42.7 ft)
Cargo Deck: 177.6 x 43.0 m (582.7 x 141 ft)

Bulkheads: 7 Transverse bulkheads
Longitudinal bulkheads – 1 at centerline and 2 at 11.375 meters from centerline (37.3 ft)
Web frame spacing: Every 2.4 meters (7.9 ft)
Allowable load on maindeck: 25 tons/m²
Casings: 12.0 x 6.75 x 17.4 m (39.4 x 22.1 x 57.1 ft)
Deadweight: 48,163 tons
Ballast System: 4 x 6,600 m³/hr air compressors, 2 x 1,200 m³/hr pumps, 2 x 160 m³/hr pumps
61 ballast tanks, including top tanks, double bottom tanks, center tanks and side tanks enabling the vessel to better control motions and accelerations.
Accommodation for 24 persons in addition to crew.
Power Supply to Cargo: 440 V, 60 Hz, 1550 A during transit.

m/v Xiang He Kou

m/v Xiang Rui Kou

m/v Xiang Yun Kou

X-Class

Flag: Chinese
Classification: CCS
DP System: DP-2 (optional)
Speed: 13.5 knots
Propulsion: 2 x 5250 kW
Bow thrusters: 2 x 1200 kW
Stern thrusters: 2 x 1200 kW
LOA: 216.7 m (711 ft)
LBP: 212.1 m (696 ft)
Breadth moulded: 43.0 m (141 ft)
Loaded Draft: 9.68 m (31.8 ft)
Deck Submersion: 13.0 m (42.7 ft)
Hull Depth: 13.0 m (42.7 ft)
Cargo Deck: 177.6 x 43.0 m (582.7 x 141 ft)

Bulkheads: 7 Transverse bulkheads
Longitudinal bulkheads – 1 at centerline and 2 at 11.375 meters from centerline (37.3 ft)
Web frame spacing: Every 2.4 meters (7.9 ft)
Allowable load on maindeck: 25 tons/m²
Casings: 9.6 x 5.8 x 17.4 m (31.5 x 19.0 x 57.1 ft)
Deadweight: 48,163 tons
Ballast System: 4 x 6,600 m³/hr air compressors, 2 x 1,000 m³/hr pumps, 2 x 200 m³/hr pumps
61 ballast tanks, including top tanks, double bottom tanks, center tanks and side tanks enabling the vessel to better control motions and accelerations.
Accommodation for 24 persons in addition to crew.
Power Supply to Cargo: 440 V, 60 Hz, 1550 A during transit.

X-Class

Flag: Chinese
Classification: CCS
DP System: DP-2 (optional)
Speed: 13.5 knots
Propulsion: 2 x 5250 kW
Bow thrusters: 2 x 1200 kW
Stern thrusters: 2 x 1200 kW
LOA: 216.7 m (711 ft)
LBP: 212.1 m (696 ft)
Breadth moulded: 43.0 m (141 ft)
Loaded Draft: 9.68 m (31.8 ft)
Deck Submersion: 13.0 m (42.7 ft)
Hull Depth: 13.0 m (42.7 ft)
Cargo Deck: 177.6 x 43.0 m (582.7 x 141 ft)

Bulkheads: 7 Transverse bulkheads
Longitudinal bulkheads – 1 at centerline and 2 at 11.375 meters from centerline (37.3 ft)
Web frame spacing: Every 2.4 meters (7.9 ft)
Allowable load on maindeck: 25 tons/m²
Casings: 9.6 x 5.8 x 17.4 m (31.5 x 19.0 x 57.1 ft)
Deadweight: 48,163 tons
Ballast System: 4 x 6,600 m³/hr air compressors, 2 x 1,000 m³/hr pumps, 2 x 200 m³/hr pumps
61 ballast tanks, including top tanks, double bottom tanks, center tanks and side tanks enabling the vessel to better control motions and accelerations.
Accommodation for 24 persons in addition to crew.
Power Supply to Cargo: 440 V, 60 Hz, 1550 A during transit.
**m/v Xin Guang Hua**

- **Flag:** Hong Kong
- **Classification:** CCS/DNV
- **DP System:** DP-2
- **Horsepower:** 2 x 10,500 kW
- **Speed:** 13.5 knots
- **Propulsion:** 2 fixed pitch propellers
- **Bow thrusters:** 2 x 2650 kW
- **Stern thrusters:** 2 x 2650 kW
- **LOA:** 255.0 m (837 ft)
- **LBP:** 250.2 m (820.9 ft)
- **Breadth moulded:** 68.0 m (223 ft)
- **Loaded Draft:** 10.5 m (32.8 ft)
- **Deck Submersion:** 16.0 m (52.5 ft)
- **Hull Depth:** 14.5 m (47.6 ft)
- **Cargo Deck:** 208.4 x 68.0 m (683.7 x 223 ft)
- **Bulkheads:** 8 Transverse bulkheads, Longitudinal bulkheads – 1 at centerline and 2 at 17.00 meters from centerline (55.8 ft).
- **Web frame spacing:** Every 2.4 meters (7.9 ft)
- **Allowable load on maindeck:** 25 tons/m² overall / 125 ton/m on webframes
- **Casings:** 12.0 x 14.45 x 22.0 m (39.4 x 47.4 x 72.2 ft), 4 off 2 can be stowed inside forward recess
- **Deadweight:** 98,000 tons
- **Ballast System:** 4 * 8,500 m³/hr air compressors, 2 * 1,500 m³/hr pumps, 2 * 550 m³/hr pumps
- **112 ballast tanks**, including top tanks, double bottom tanks, center tanks and side tanks enabling the vessel to better control motions and accelerations.
- **Accommodation for 100 persons.**
- **Power Supply to Cargo:** 440 V, 60 Hz, 1550 A during transit.

**COSCO SHIPPING**

**HEAVY TRANSPORT**

- **m/v Xin Guang Hua**
- **X-Class**
  - **m/v Xiang He Kou**
  - **m/v Xiang Rui Kou**
  - **m/v Xiang Yun Kou**
- **m/v Zhi Yuan Kou**
- **K-Class**
  - **m/v Kang Sheng Kou**
  - **m/v Tai An Kou**
HOUSTON
24275 Katy Freeway,
Suite 220
Katy, Texas 77494
United States of America
Telephone: +1-281-497-4300
E-mail: Americas@coscoht.com

ROTTERDAM
Montevideo Offices
Otto Reuchlinweg 1142
3072 MD Rotterdam
The Netherlands
Telephone: +31-10-24 04 777
E-mail: Europe@coscoht.com

GUANGZHOU
Guangzhou Ocean Plaza
20 Huacheng Avenue
Guangzhou, 510623
P. R. China
Telephone: +86-020-38161147
E-mail: Asia@coscol.com.cn

www.coscoht.com