



Self-Propelled Self-Elevating Crane Barge



Crane & General Specifications

- Skidding Pedestal Crane One (1) Favco® PC-300HD 280-tonne (300-ton) with 55m (181 ft) boom
- Starboard Pedestal Crane One (1) Favco Model 7.5/10K 45-tonne (50-ton) with 36m (118 ft) booms
- Port Pedestal Crane One (1) Favco Model 7.5/10K 45-tonne (50-ton) with 36m (118 ft) booms
- Lightship Displacement 8,346-tonnes (9,200-tons, 18,400-kips)
- Variable Deck Load 2,722-tonnes (3,000-tons, 6,000-kips)
- Uniform Deck Load 2.64 tonnes/m² (540 lbs/ft²)
- Minimum Operating Water Depth . . . 8.5-m (28-ft)
- Maximum Operating Water Depth . . . 106-m (350-ft)
- Vessel Size 91-m x 55.5-m x 7.6-m (298-ft x 183-ft x 25-ft)
- Maximum Occupancy 120 Persons on Board
- Self-Propelled Speed 6 knots

PC300 HD LOAD CHART				
55.0 m Boom				
Main Hoist – Six Falls				
Radius		Boom Angle (degrees)	Working Load Limit	
(ft)	(m)		Short Tons (tons)	Metric Tons (tonnes)
53	16	77.0	308.6	280.0
66	20	72.6	308.6	280.0
79	24	68.2	275.1	249.6
92	28	63.6	227.7	206.6
106	32	58.8	192.2	174.4
119	36	53.8	164.7	149.4
132	40	48.4	142.7	129.5
145	44	42.4	124.9	113.3
158	48	35.7	110.1	99.9
172	52	27.6	97.8	88.7
184	56	16.0	87.5	79.4

7.5/10K LOAD CHART				
36.6 m Boom				
Main Hoist – Fall Falls				
Radius		Boom Angle (degrees)	Working Load Limit	
(ft)	(m)		Short Tons (tons)	Metric Tons (tonnes)
22.8	6.9	82.6	50.0	45.0
26.4	8.0	80.8	50.0	45.0
33.0	10.0	77.7	50.0	45.0
39.6	12.0	74.4	50.0	45.0
46.2	14.0	71.1	50.0	45.0
52.8	16.0	67.8	45.1	40.9
59.4	18.0	64.4	39.2	35.6
66.0	20.0	60.8	34.5	31.3
72.6	22.0	57.2	30.5	27.7
79.2	24.0	53.4	27.3	24.8
85.8	26.0	49.3	24.6	22.3
92.4	28.0	45.1	22.3	20.2
99.0	30.0	40.4	20.3	18.4
105.6	32.0	36.3	18.5	16.8
112.2	34.0	29.4	17.0	15.4
120.8	36.6	19.6	15.3	13.9



Crane Barge Specifications (continued)

Classification

✘ A1 ✘ AMS ✘ DPS-1 Self-Elevating Unit (Self Propelled up to 6 knots, Dynamically Positioned)
 Self-Elevating Crane Barge that complies with IMO MODU code

Living Quarters (Maximum Occupancy)

Accommodations 120 persons in 1-, 2-, or 4-person cabins
 Climate-controlled with 2 air units per floor
 [designed for -10°F to 105°F (-23°C to 41°C) or ambient temperature]
 Customer Offices 8 offices maximum
 Customer Complement 86 berths (Four 1-person cabins, Fifteen 2-person cabins, Thirteen 4-person cabins)

Living Quarters (2-Person Occupancy)

Accommodations 92 persons in 1- and 2-person cabins
 Climate-controlled with 2 air units per floor
 [designed for -10°F to 105°F (-23°C to 41°C) or ambient temperature]
 Customer Offices 8 offices maximum
 Customer Complement 60 berths (Four 1-person cabins, Fifteen 2-person cabins, Thirteen 4-person cabins converted to 2-person cabins)
 Service Elevator Multi-use elevator between levels 0 – 3
 Officer Galley 24 persons at one seating, food handling equipment adheres to strictest international hygiene standards (Halal)
 Main Galley 56 persons at one seating, food handling equipment adheres to strictest international hygiene standards (Halal)

General

Vessel Size 91-m x 55.5-m x 7.6-m (298-ft x 183-ft x 25-ft)
 Min. Operating Water Depth . 8.5-m (28 ft)
 Max. Operating Water Depth . 106-m (129-m Leg – 6-m tower – 9-m air gap – 7.6-m penetration)
 350-ft (425-ft Leg – 20-ft tower – 30-ft air gap – 25-ft penetration)
 Variable Deck Load 2,722 tonnes (3,000 tons, 6,000 kips)
 Uniform Deck Load 2.64 tonnes/m² (540 lbs/ft²)
 Self-Propelled Speed 6 knots
 Thrusters (3) Steerprop® azimuthal thrusters 2,500-KW (3,350-hp) each
 Heliport Rated 12,826 kg (28,218 lb) – CAP 437 Criteria – Sikorsky® S92 Capable
 Mooring System (4) 6.8 tonne (7.5 ton) anchors
 (4) anchor winches with 760-m of 38mm wire rope (2,500 ft of 1½" wire rope)
 (1) Towing bridle
 (4) 76 mm (3") poly-rope (45.5-m or 150-ft) for supply vessels

Storage Capacities

Drill Water 1044-m ³ (8,900-bbl) capacity	Sludge Storage 17.8-m ³ (110 bbls) capacity
Potable Water 342-m ³ (2,100-bbls) capacity	Dirty Oil Storage . . 11.3-m ³ (70 bbls) capacity
Brine Water Storage 657-m ³ (5,600-bbls) capacity	Sack Storage 152-m ³ (5,000-sacks or ft ³) capacity
Ballast Water 5397-m ³ (34,200-bbls) capacity	Max. Usable Deck . . 1060-m ² (11400-ft ²)
Diesel Fuel 668-m ³ (4,000-bbls) capacity	Min. Usable Deck . . 619-m ² (6658-ft ²)
Lube Oil 4.5- m ³ (28 bbls) capacity	Covered Storage . . . 370-m ² (4000-ft ²) below deck

