



PT. SUPRACO LINES

Kantor Pusat :

Radiant Building, 2nd Floor, Jl. Kapten Tendean No.24 Mampang Prapatan Jakarta 12720
Telp. 62-21-7191070 Fax.62-21-7191077

SHIP PARTICULAR - CRANE BARGE

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Crane Barge Samudera Perkasa 1





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SHIP PARTICULARS

Name	: CB Samudra Perkasa 1
Vessel type Classification	: Work Barge
Classification	: B K I
Status	: Ownership PT. Supracolines
Flag	: Indonesia
Shipyard	: PT. Sintai Industri Shipyard, Batam
Year of Build	: 2004
Dimensions	: 43,89 x 15,24 x 3,05
Draft	: 3,00 M
Grosse Tonnage	: GT. 688
Net Tonnage	: NT. 207
Capacity Fuel Tank	: 300.000 Liters
Capacity Fresh Water	: 200.000 Liters
Generator Automatic Starting Charger	: P83E1, 75 KVA (2 unit) Serial No. FGWPEP03EDOA18281 : Type. 1004TG2 PERKINS
Use of AE/Hrs	: 18 Liters/Hrs
Anchor	: 4 peaces/3 Tons & 1 peace 5 Tons for Mooring Buoy
Winch Anchor	: 4 Drum
Wire Anchor	: 400 M x 2 (Anchor no.1 & no. 2) : 500 M x 2 (Anchor no. 3 & no. 4)
Hydrant	: Izusu
Pump	: Izusu.4BDI Serial No. 202741
Pressure	: 1500 – 2000 M3/mc
Safety Equipment	: - 2 (dua) unit Life Raft capacity @ 50 Person : - 22 Smoke Signals Alarm : - 50 Life Jacket/Work Vest
Communication	: Radio SSB, Radio VHF
Navigation	: Satellite, GPS, Echo Sounder
AC Split	: 20 Units
Office Supporting	: - 2 unit Computer : - 1 unit Printer Dot Matrix A4 : - 1 unit Printer Colour : - Stationary
Entertainment Facilities	: - Television with Indovision Channel : - VCD Player
Accommodation Room	: - 1 unit Mushola Room : - 1 unit Medic Room & Facilities : - 1 unit Office Room & Facilities : - 1 unit Client Room & Toilet : - 2 unit Bed Room for Barge Master & Supervisor : - 8 unit Bath Room & Toilets : - 8 unit Bed Room with capacity 42 Personil : - Kitchen Room & Facilities



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Capacity Clamp Shell

- Laundry Room & Facilities
- Restaurant capacity 30 Personil
- : 4 M3

CRANE KOBELCO 7120-1F

PERFORMANCE

Type	: Crawler Crane Lattice Boom
Capacity	: 120 Tonnes
Boom length	: Max. 61 m / 203.13 ft
Swing Speed	: 2.1 rpm (2.1 min ⁻¹)
Rope Speed	: - Main Hoist 115 – 3 m/min - Aux. Hoist 115 – 3 m/min - Boom Hoist 48 – 2 m/min
Rope part line	: 120 t Hook – 9 parts lines/Boom Hoist
Counterweight	: 49 Tonnes
Average ground pressure	: 107 kPa (1.09 kg/cm ²)

ENGINE

No. engine & Model	: Hino P11C-UN
Total Piston displacement	: 10.520 liters
Maximum output	: 247 kw (331.23 hp)/2000 min ⁻¹ (rpm)
Fuel tank Capacity	: 400 liters
Battery	: 12V x 136Ah/5HR x 2ea

OPERATING SYSTEM

Power Source	: Hydraulic
Hosting device (Main & Aux)	: - Hydraulic motor : Clino-axis piston type - Reduction unit : 3-stage planetary gear - Hoisting drum : 2 grooved drums on 2 individual shaft, front & gear - Clutch & brake : Wet type, multi disc - Parking brake : Wet type, multi disc - Drum lock : Ratchet type pawl lock
Slewing Bearing	: Single Ball Bearing Type
Hydraulic Pump	: - Driving : 6 sets axial piston pump - Control : 3 sets gear pump

