



VESSEL SPECIFICATION (船舶规格)

M/V HUAKUN (华鲲)

5,220 BHP AHTS

REGISTRATION (注册信息)

- Flag (船旗国): China
- Home Port (船籍港): Shenzhen
- IMO Number: 9513957
- Call Sign (呼号): BOLL
- Classification (船级): CCS, offshore tug/supply ship/fire fighting ship/ DP-1
- Builder (建造船厂): Zhenjiang shipyard
- Year Built (建造年份): 2009
- Sailing Area (航行区域): World-wide

DIMENSIONS (船舶尺寸)

- Length Overall (总长): 61.00 M
- Length Waterline (水线长): 58.74 M
- Breadth Moulded (型宽): 16.00 M
- Depth Moulded (型深): 6.00 M
- Draft Loaded(full) (满载吃水): 5.10 M

TONNAGE (吨位)

- Gross Tonnage (总吨): 1,960
- Net Tonnage (净吨): 511
- Dead Weight (载重吨): 1763 Tons

DECK CAPACITIES (甲板载货能力)

- Deck Area (Clear) (净甲板面积): 390M²(approx)
- Deck Strength (甲板强度): 5 T/M²

DECK EQUIPMENT (甲板设备)

- Anchor (锚): 2 x 1,590 kg AC-14 high holding power anchors
- Anchor Chain (锚链): Dia.36MM, 825M Grade 2 stud link chains
- Windlass (锚机): 1x6.6T @ 12m/min for 36mm dia chain,Elec-Hyd type c/w 2 x cable
liter +2 x warping drums
- Tugger (绞车): 2 x 10T @ 20m/min electro hydraulic
- Capstan (尾绞盘): 2 x 5T @ 18m/min electro / hydraulic
- Crane (克令吊): Elect./hydraulic fixed type 5 Tons at 8m outreach



TANK CAPACITY (舱容)

- P. Water (饮用水): 480 M³
- D. Water (钻井水): 450 M³
- Fuel (燃油): 530 M³
- Bulk/Cement tank (水泥): 156 M³
- Liquid mud/Salt Water (泥浆/盐水): 190m³
- Base oil (基油): 180m³
- Foam (泡沫): 10m³
- Lub oil storage (滑油): 7m³
- Dispersant (分散剂): 10m³

TRANSFER RATES (传输速率)

- P. Water (饮用水): 100 M³ /hr @ 75 M head
- D. Water (钻井水): 100 M³ /hr @ 75 M head
- Fuel Oil (燃油): 100 M³/hr@ 75M head
- Bulk (干散货): 2 X 60 m³/h
- Liquid Mud/Salt Water(泥浆/盐水): 80 M³/hr @ 75M head
- Base oil (基油): 100 M³/hr@ 75M head

MACHINERY (机器设备)

- Main Engine (主机): 2 x Yanmar 6EY26
- Horse Power (主机马力): 2 x 2610 BHP, Total 5220 BHP
- Bollard Pull (系柱拖力): 60 T
- Propeller (推进器): twin screw controllable pitch in Kort Nozzles
- Generator (发电机): 2 x 275KW, 415V/3/ 50 HZ, CAT C18 DITTA Marine Genset
Shaftgenerator: 2 x 1000KW, 415V/3/ 50 HZ,
Emergency genset: 1x90Kw, 415V/3/50Hz,CAT NEW GEP 110
- Thrusters (侧推): Bow Thrusters: 8.0 tonnes approx-600Kw
Stern thruster: 6.0 T approx-450Kw
Total:1428BHP

SPEED (航速)

- Max speed (最大航速): 13 knots at 100% MCR
- Economical (经济航速): 11 knots

CONSUMPTION (燃油消耗)

- Towing (拖带): 12Tons/24h
- Economical (经济航速): 6Tons/24h
- Stand-by (守护): 4Tons/24h
- Idling (锚泊): 0.5Tons/24h

TOWING / ANCHOR HANDLING (拖带/起抛锚设备)

- Towing winch (拖缆机): 1xHyd high pressure waterfall type,brake holding 250t
- Tow Line (拖缆): Dia. 58MM x 1000M
- Drum (工作滚筒): lower/upper drum capacity: 1000mx58mmD



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- Stern roller (尾滚筒): 1x1.6m dia x4.2 length SWL 375t loaded
- Shark jaws (鲨鱼牙): 1set
- Towing Pins (拖带插销): 1set

NAVIGATION/COMMUNICATION (航行通导设备)

- Gyro Compass c/w Auto-pilot (电罗经): 1 x anschutz standard 22
- Echo Sounder (测深仪): 1 x Furuno
- Radar (雷达): 1 x Raytheon(96nm), 1 x raytheon(48nm)
- Navtex (航警电传): 1 set, FURUNO Fax-208
- GPS navigator equipment: 1 x Raytheon
- Sart: 2 x McMurdo 9GHZ
- Magnetic compass (磁罗经): 1 x saura (M150)
- Speed Log equipment: 1 x walker
- GMDSS Area 3, Raytheon, MF/HF radio, VHF radio telephone transceiver, Inmarsat-C satellite communication
- GMDSS type-approved walker-talker: 1 x Icom
- AIS (船舶自动识别系统): 1 x Raytheon
- Ship security alert system(SSAS): 1 x Sailor
- Satellite Navigator (卫通): 1 set, KODEN Type: GP-90

SAFETY EQUIPMENT (救生设备)

- Ring Buoy (救生圈): 8
- Life Jacket (救生衣): 60
- Life Raft (救生筏): 6 (150人, 每侧75人)
- Rescue Boat (救助艇): 1 x Rescue boat, 6 persons, 40Hp
- Rescue Net (救助网): on each side of the vessel
- Rescue Zones (营救区): Yes
- Search Light (搜救灯): 2 x2000W remote search light
- EPIRB(406MHZ) (应急定位仪): 1 x MCMurdo
- Security Alarm System (保安报警系统): Yes
- CCTV System for Deck (甲板视频监控系统): Yes

FIRE FIGHTING (对外消防设备)

- Fire Pump (消防泵): 2 x 1500M3/hr including water spray coverage at 1800rpm
- Monitor (消防炮): 2 x 1200M3/hr(1unit fit with foam capacity 300M3/hr)

ACCOMMODATION (住宿)

- Total Berths (总床位): 48
- Passenger Berths (旅客床位): 34
- Hospital (医院): 1 x 2 berths
- Central air & heat (中央空调): Full air-condition

DYNAMIC POSITIONING SYSTEM (动力定位系统)

- Make (生产厂家型号): DP1, GE



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ANTIPOLLUTION: (防污染)

- Oil Dispersant system: 1 boom on each side with 5 spray nozzles: the system connected with Oil dispersant