



## VESSEL SPECIFICATION (船舶规格)

### M/V HUASHUN (华顺)

#### 9, 180BHP AHTS

#### REGISTRATION (注册信息)

- Flag (船旗国): Liberia
- Home Port (船籍港): Monrovia
- Official Number: 11686
- IMO Number: 8407577
- Call Sign (呼号): A8AW4
- Classification (船级): DNV +1A1 Tug/Supply, EO
- Builder (建造船厂): Serkoder Mek, Verstad A/S
- Year Built (建造年份): 1985
- Sailing Area (航行区域): Worldwide

#### DIMENSIONS (船舶尺寸)

- Length Overall (总长): 65.00 M
- Length Waterline (水线长): 59.49 M
- Breadth Moulded (型宽): 14.50 M
- Depth Moulded (型深): 7.40 M
- Draft Summer (夏季吃水): 6.32 M
- Displacement (排水量): 3,546 Tons Max.
- Freeboard (干舷): 1.087 M (In Summer Draft)

#### TONNAGE (吨位)

- Gross Tonnage (总吨): 1,558
- Net Tonnage (净吨): 467
- Dead Weight (载重吨): 2,052 Tons

#### DECK CAPACITIES (甲板载货能力)

- Deck Area (Clear) (甲板净面积): 37 M x 11.7 M = 433 M<sup>2</sup>
- Crash Rail (挡货架): 2.25 M
- Deck Cargo (甲板货物): 640 Tons
- Deck Strength (甲板强度): 5 T/M<sup>2</sup>

#### DECK EQUIPMENT (甲板设备)

- Anchor (锚): 2 x 1,920 Kg + 1 x spare
- Anchor Chain (锚链): Dia.34 MM, K3 grade
- Windlass (锚机): 16.5 tons at 16m/min with Hydraulic
- Tugger (绞车): 2 sets x 10 Tons (on 2<sup>nd</sup> floor)



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- Capstan (尾绞盘) : 6 Tons x 2 (Hydraulic)
- Crane (克令吊) : Electric-Hydraulic, 6 Tons x 12 M

### TANK CAPACITY (舱容)

- P. Water (饮用水) : 500 M<sup>3</sup>
- D. Water (钻井水) : 300 M<sup>3</sup>
- D.O (柴油) : 595 M<sup>3</sup>
- F.O (重油) : 326 M<sup>3</sup>
- Bulk (干散货) : 226.4 M<sup>3</sup>
- Liquid Mud/Salt Water (泥浆/盐水) : 326 M<sup>3</sup>

### TRANSFER RATES (传输速率)

- P. Water (饮用水) : 100 M<sup>3</sup>/hr
- D. Water (钻井水) : 100 M<sup>3</sup>/hr
- D.O (柴油) : 100 M<sup>3</sup>/hr
- F.O (重油) : 120 M<sup>3</sup>/hr
- Bulk (干散货) : 100 Tons/hr
- Liquid Mud/Salt Water (泥浆/盐水) : 120 M<sup>3</sup>/hr

### MACHINERY (机器)

- Main Engine (主机) : 2 x Wartsila Vasa Diesel 4,590 BHP each
- Horse Power (马力) : 9,180 BHP
- Bollard Pull (系柱拖力) : 102.4 Tons (Max)
- Propeller (推进器) : 2 x CPP Propellers in Kort Nozzles  
Becker Rudders
- Generator (发电机) : 2 sets CAT 340 – 6 305 kva 440v 3hp 60hz  
Shaft Generator: MPM 500 – 21, OUT PUT 840 KVA x 2  
Emergency Generator: ULSTEIN 90 TV – A, out put 7.5 KW x 1
- Thrusters (侧推) : Bow: 800 BHP, CP Tunnel thrusters
- Joystick (操作手柄) : ULSTEIN Mansi FCM”

### SPEED (航速)

- Maximum (最大航速) : 15.5 Knots
- Economical (经济航速) : 10.5 Knots

### CONSUMPTION (燃油消耗)

- Max Consumption (最大航速时) : 32 Tons/day
- Economical (经济航速时) : 15 Tons/day
- Idling (锚泊) : 0.7 Tons/day

### TOWING / ANCHOR HANDLING (拖带/起抛锚设备)

- Winch (绞缆机) : Hydraulik Brattvaag
- Tow Line (主拖缆) : 1,000 M x 64 MM
- Shark Jaw (鲨鱼牙) : 2 Sets



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- Towing Pins (拖带插销): 2 Sets
- Stern Roller (尾滚筒): M, SWL 250 Tons

### NAVIGATION/COMMUNICATION (航行通导设备)

- Gyro Compass (电罗经): 1 x SGBROWN SGB 1000
- Magnetic Compass (磁罗经): 1 x YC Krohn & Sona - S
- Auto Pilot (自动舵): 1 x Robert Sonap - 9
- Echo Sounder (测深仪): 1 set, Smrad ED 161
- Radar (雷达): 1 x Furuno FR 1510, 1 x Decca Bridge Master MK 127E
- AIS (船舶自动识别系统): 1 x Furuno: FA-I50
- GPS: Kodon KGP – 98, NavTEX 2 LO - KATA
- Log (计程仪): 1 x JRC JLN - 203
- Satellite Navigator (卫通): DSC VHF 1,000 SKANTI / HF.MF ICS DSC2
- SSB (单边带): 1 x Sailor RT 2048 / ICM IC – M710
- VHF (甚高频): 2 x Sailor C401
- EGC Receiver: Trimble Galaxy

### SAFETY EQUIPMENT (安全救生设备)

- Ring Buoy (救生圈): 8
- Life Raft (救生筏): 6 (120 人, 每侧 60 人)
- Life Jacket (救生衣): 32 + 22 (Winter Jackets)
- Life Boat (救生艇): 1 x 6 men zodiac with outboard engine
- Rescue Net (救助网): One rescue net on each side of the vessel
- Emergency Radio (应急无线电): Yes
- EPIRB (无线电应急示位标): Yes
- Security Alarm System (保安报警系统): Yes
- CCTV System for Deck (甲板视频监控系统): Yes

### ACCOMMODATION (住宿)

- Crew Quarters (船员): 8
- Passenger Berth (旅客): 24
- Total Berths (床位总数): 32
- Galley Capacity (厨房容量): 26 persons
- 具备载客功能
- Central air & heat (中央空调): Full air-conditioning

### FIRE FIGHTING (对外消防设备)

- Fire Pump Capacity (消防泵): 1200 M<sup>3</sup>/hr
- Monitors (消防炮): Mobile on deck

### ANTIPOLLUTION (防污染)

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