

DS1206主要技术规格清单
Brief Spec. of DS1206

S/N	名称 Item	描述 Specification	数量 QTY	备注 Remark
Classification & Characterstics:				
1	Class Notation: ABS, + A1, Self-Elevating Unit AMS-NP DPS-1 CRC CPS			
2	Flag: Panama			
Principal Dimensions:				
1	Length over all: 85.1 m			
2	Breath: 40m			
3	Hull Depth: 5.8m			
4	Design draft: 3m			
5	Legs: 4 cylindrical legs, 90m in length			
Capacity:				
1	Max. Operating water depth: 60m			
2	Accommodations: 300 Persons			
3	Variable load: about 1800 Tons			

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4	Main Crane capacity: 190 Tons			
5	Auxiliary Crane capacity: 20 Tons			
6	Helideck: 12.8t (S92)			
7	Design voyage speed: 6 Kn			
8	DP system: DPS-1			
Power System				
1	Main Diesel Generset			
	Main Diesel engines	Type: C18, four stroke cycle, turbocharged Power output: 492kW Revolution: 1500 r/min Start: Compress air	5	CAT
	Main Generator	Type: Synchronous, brushless Power output:450kW Revolution: 1500 r/min Electric: AC,3φx400Vx50Hz Protection: IP23 Insulation class: H	5	CAT
2	Emergency Diesel Generator			

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	Emergency Diesel engine	Type: WP12CD317E200, four stroke, inline, turbocharged Power output: 288kW Revolution: 1500 r/min Start: Electric Hydraulic-motor drive	1	WEICHAI
	Main Generator	Type: Synchronous, brushless Power output: 250kW Revolution: 1500 r/min Electric: AC,3φx400Vx50Hz Protection: IP23 Insulation class: H	1	WEICHAI
Crane				
1	Main Crane	1.Main hook: 1.1.SWL:190t(Max) 1.2. Work radius:40m~9.5m 1.3 Hoisting height: 70m 1.4 Hoisting speed:4m/min 2.Aux. hook: 2.1.SWL: 10t (lift); 1.5t(man riding) 2.2.Work radius:10.5~43m 2.3.Hoisting height: 75m 2.4.Hoisting speed:60m/min 3.Luffing time: 180 sec. 4.Turning speed: 0~0.5r/min 5.Turning range: 360° 6.Diesel engine:465kW	1	WMMP, CHINA

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2	Auxiliary Crane	1.Main hook: 1.1.SWL:20t Work radius:5.6~20m 1.2.SWL:10t Work radius:30m 1.3 Hoisting height: 54m 1.4 Hoisting speed:21m/min 2.Aux. hook: 2.1.SWL:3t 2.2.Work radius:6.8~33m 2.3.Hoisting height: 57m 2.4.Hoisting speed:60m/min 3.Luffing time: 140 sec. 4.Turning speed: 0~0.5r/min 5.Electric motor: 400V, 50Hz, 110kW	1	WMMP, CHINA
Jacking System				
1	Jacking case	Normal jacking capacity: 1400 T per leg Max. Severe Storm holding capacity: 2800 T per leg Max. Jacking speed: 0.6m/min HPU Power source: 400V, 50 Hz, 3 phase	4	
2	Hydraulic Unit	HPU Electric Motor Rated Power: 132KWx2 per motor	4	
Life Saving Equipment				
1	Life Boat and Davit	150P	4	
2	Rescue Boat	High Speed >20kn (3Persons)	1	
Accommodation				
1	1 Man Cabin		10	

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2	2 Man Cabin		19	
3	4 Man Cabin		63	
Sea water System				
1	Submerge pump	Capacity:400m3/hr Total head:6.7bar	3	
Washing out Pile system				
1	Jetting pump	Type:Horizontal vortex pump Normal capacity: 40 m3/h Total head: 60bar	1	
Fire fighting system				
1	Fire general server pump	Type: 2-Step Vertical centrifugal pump Capacity: 250m3/h Total head: 4bar	1	
2	Fire fighting pump	Type: Vertical centrifugal pump Capacity: 100m3/h Total head: 6bar	1	
Water supply and treatment system				
1	Fresh water maker	Type : reverse osmotic seawater desalt plant Average capacity: 40 m3/d Salt content:<700mg/L	2	

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2	Sewage Treatment Plant	Type:gravity, biological :150per Average capacity: 10.5m3/d	2	
Air-Condintioning System				
1	CLS Marine Water Chiller	Model: CLS-1500 Cooling medium:R134a Cooling Capacity: 1500kW Compressor Power: 300kW Power supply:380V 50Hz	2	
2	TMU(W) Marine Indirect Air Handling Unit (Lower deck)	Model: TMU(W)-305 Cooling Capacity: 305kW Namely air flow:10000m3/h External static pressure:1800Pa Fan Power: 30kW Power supply:380V 50Hz	1	
3	TMU(W) Marine Indirect Air Handling Unit (Main deck)	Model: TMU(W)-175 Cooling Capacity: 175kW Namely air flow:5200m3/h External static pressure:1500Pa Fan Power: 15kW Power supply:380V 50Hz	1	
4	TMU(W) Marine Indirect Air Handling Unit (01 level)	Model: TMU(W)-290 Cooling Capacity: 290kW Namely air flow:9600m3/h External static pressure:1500Pa Fan Power: 15kW Power supply:380V 50Hz	1	

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5	TMU(W) Marine Indirect Air Handling Unit (02 level)	Model: TMU(W)-260 Cooling Capacity: 260kW Namely air flow:9100m3/h External static pressure:1500Pa Fan Power: 15kW Power supply:380V 50Hz	1	
6	TMU(W) Marine Indirect Air Handling Unit (03 level)	Model: TMU(W)-260 Cooling Capacity: 260kW Namely air flow:9000m3/h External static pressure:1500Pa Fan Power: 15kW Power supply:380V 50Hz	1	