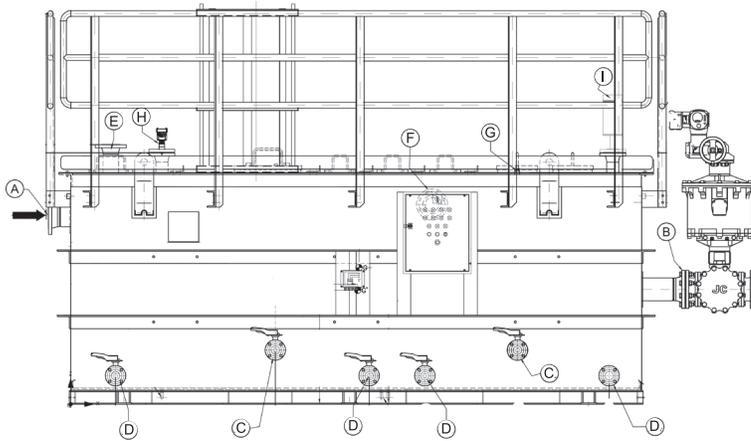


Pollution Prevention System

Oil-Water Separator

Our Pollution Prevention Systems deliver reliable, high-performance oily water treatment for critical offshore and marine applications.



STANDARD FEATURES

- Feature MPak® coalescing plate technology for high-efficiency oil-water separation
- Performance monitoring and recirculation system
- Water Outlet Condition Alarm
- IMO-approved Oil in Water Analyzer
- 3-Way Motor Operated Valve
- Integral Sludge Trap
- Optional Inlet Heating
- Single-walled or Double-walled with Leak Detection
- Adjustable Oil Skimmers
- Control Panel
- Optional Oil Storage Tank and Control System
- External coating per ISO 12944
- EN-858-1 Certified

System	Connections					
	MAS 22.22		MAS 32.22		MAS 42.22	
	DN	NPS	DN	NPS	DN	NPS
Inlet (A)	150	6	150	6	200	8
Outlet (B)	150	6	150	6	200	8
Oil Skimmer Outlet (2) (C)	50	2	50	2	50	2
Drain Outlets (Min. of 3) (D)	50	2	50	2	50	2
Vent (E)	100	4	150	6	200	8
Overflow (F)	100	4	150	6	200	8
Oil Level Sensor (G)	20	¾	20	¾	20	¾
Level Transmitter (H)	100	4	75	4	75	4
Oil PPM Probe (I)	75	3	50	3	50	3
Temperature Switch*	75	3	75	3	75	3
Leak Detector*	15	½	15	½	15	½

All connections are ANSI 150# RF.

*Not pictured in diagram.

Model #	Flow Rate	Approx. Dimensions (in)			Approx. Dimensions (mm)		
		L	W	H	L	W	H
MAS 22.22	NS 6	165	25	62	4180	620	1580
MAS 32.22	NS 10	165	37	62	4180	930	1580
MAS 42.22	NS 15	165	49	62	4180	1240	1580

Specifications	
Performance	< 15 ppm oil in effluent
Primary Target Pollutant	Fuels and Oils
Secondary Target Pollutant	Suspended Solids
Design Flow Rates	NS 1 - NS 15 15 GPM - 250 GPM
Tank Inlet Feed Methods	Gravity-fed or pump-fed
Ambient Temperature Range	-20° C / +35° C -4° F / +95° F
Materials of Construction	Carbon Steel or Stainless Steel AISI-316L
Power Supply Requirement	480V / 3PH / 60Hz
Controls	Manual Start/Stop Control NEMA 4 Enclosure

Standard Design Parameters		
Influent PPM	1000	
Minimum Oil Droplet Size Fully Removed (µm)	50	
Mean Oil Droplet Size (µm)	195	
Specific Gravity of Oil	0.84	
Temperature of Operation (°F)	°F	60
	°C	15

MPAK® CLEANING WAND

MPak® plates are designed for low-maintenance operation. The MPak® Cleaning Wand makes routine cleaning simple and fast, allowing you to remove accumulated solids directly in place without system disassembly. This efficient cleaning process ensures peak performance with minimal downtime.

