

## Disc-type Centrifugal Oil Separator(Oil Purifier)



### Application:

DCS Series Disc-type Centrifugal Oil Separator is mainly used for separation of free water and impurities from oil, it is widely used for the clarification and purification of ship heavy diesel and turbine oil, reduce operating costs and extend the life of the engine. Meanwhile, DCS Series Disc-type Centrifugal Oil Separator also can be applied to high viscosity lubricating oil, hydraulic oil clarification and purification to slow wear of diesel engine or other types of machines, and extend the service life of the machine and oil. DCS Series Disc-type Centrifugal Oil Separator can also be applied to other areas of non-homogeneous suspensions or emulsions separation.

### Features:

1. An ultra-high speed separator to the continuous separation of solid impurities and moisture from the pending purification medium.
2. Automatic trash, continuous and efficient
3. Efficient new heating system, high efficiency, uniform heating.
4. Integrated multi-system, the operation is simple, safe and reliable.
5. Models of the design, manufacture and acceptance comply with the disc separator GB/T5745-2002 "marine"

### Technical Specification

Model	Unit	DCS-15	DCS-20	DCS-30	DCS-40	DCS-60	DCS-80	DCS-100
Capacity	L/hr	1500	2000	3000	4000	6000	8000	100000
Separating-factor	a/g	8000	8400	8800	9400	10000	10600	11200
Running speed	r/min	8300						
Particles	μ	1						
Water content	ppm	≤100						
Pressure	MPa	≤0.2						
Temperature	°C	10-80						
Cleanness		NAS 6 grade						
Power Supply		380V, 50HZ, 3PH (Customerized)						
Sludge-discharge		Automatic						
Motor Power	kW	4	6	8	8	12	16	20
Heater Power	kW	24	27	30	35	45	55	65
Total Power	kW	28	33	38	43	57	71	85
Weight	Kgs	480	650	850	900	1000	1100	1200
Dimension	L	mm	1000	1000	1100	1200	1300	1400
	W	mm	700	750	800	900	950	1100
	H	mm	1000	1100	1100	1200	1250	1350