

Centrifuge

The centrifuge is one of important equipment of the solid control system. It is mainly used for clearing tiny and harmful solid in drilling fluid. It can simultaneously complete such separating process as centrifuge settling, drying and discharging, etc.

Technical characteristic

- Compact structure, easy operation, large capacity, high separation quality and good vibration-proof structure.
- Vibration isolation structure to decrease overall shake, low noise, long running hour without failure.
- Install overload protection for machinery motion, install overload/overheat protection for circuit.
- Install hanger, outriggers for installation and delivery.



Technical parameter

Parameters \ Model	LW500 × 1000D-N Horizontal spiral discharging settling centrifuge	LW450 × 1260D-N Horizontal spiral discharging settling centrifuge	HA3400 High-speed centrifuge
Inner diameter of drum, mm	500	450	350
Length of drum, mm	1000	1260	1260
Rotating speed of drum, r/min	1700	2000 ~ 3200	1500 ~ 4000
Separation factor	907	2580	447 ~ 3180
Min. separation point (D50) ,μm	10 ~ 40	3 ~ 10	3 ~ 7
Handling capacity, m ³ /h	60	40	40
Overall dimensions, mm	2260 × 1670 × 1400	2870 × 1775 × 1070	2500 × 1750 × 1455
Weight, kg	2230	4500	2400