

ZENITH FX Series Hydro-cyclone features and technical data

ZENITH is one of the biggest manufacturers in aggregate processing machinery for the sand & gravel, quarry, mining, construction and recycling industries. Headquarter of ZENITH is located in Shanghai, China and now we have two manufacturing bases as our strong support. The equipment includes crusher, mobile crusher, conveyor, screening machine, sand washing machine, track mounted mobile crusher, crushing equipment, mill equipment, complete aggregate crushing equipment, **beneficiation equipment**, jaw crusher, cone crusher, impact crusher, complete quarry equipment, and so on. We will provide the right equipment according to the customer's requirements, and help customers to choose the location of the production line, equipment installation, training of workers, as well as on-site help and after-sales service.

This is ZENITH FX Series Hydro-cyclone features and technical data:

FX Series Hydro-cyclone Features

1. Simple structure, easy installation and operation
2. Small size and floor area, easy to transport
3. Larger capacity with lower cost
4. Finer partition size and high classifying efficiency
5. More powerful and efficient combined unit can be selected by connecting several units of cyclone in parallel or in series
6. Alternative Automation control system
7. Polyurethane wear-resisting material to make the life-span longer

FX Series Hydro-cyclone Technical Data

Type	Model	Specification	Spiral Diameter (mm)	Rotary Speed (r/min)	water Tank		Slant Angle (°)	Capacity		Driving Motor Power (kw)	Elevating Motor Power (kw)	Weight (T)
					Length (mm)	Width (mm)		Overflow	Returning			
High weir single screw	FLG-5	φ500	500	8-12.5	4500	555	14-18.5	32	143~261	1.1		1.6
	FLG-7	φ750	750	6-10	5500	830	14-18.5	65	256~564	3		2.9
	FLG-10	φ1000	1000	5-8	6500	1112	14-18.5	85	473~1026	5.5		4.4
	FLG-12	φ1200	1200	5-8	6500	1372	14-18.5	155	1170~1600	5.5	1.5	8.8
	FLG-15	φ1500	1500	4-6	8265	1664	14-18.5	235	1140~2740	7.5	2.2	11.68
	FLG-20	φ2000	2000	3-3.5	8400	2200	14-18.5	400	3890~5940	11or15	3	20.45
	FLG-24	φ2400	2400	2.5-4	9130	2600	14-18.5	580	6800	8.5	3	25.65
	FLG-30	φ3000	3000	3.2	12500	3200	14-18.5	890	11650	22	4	37
High weir double screw	2FLG-12	φ1200	1200	6	6500	2600	14-18.5	310	2340~3200	5.5×2	1.5×2	15.84
	2FLG-15	φ1500	1500	2.5,4.6	8250	3200	14-18.5	470	2280~5480	7.5×2	2.2×2	22.1
	2FLG-20	φ2000	2000	3.6-5.5	8400	4280	14-18.5	800	7780~11880	11×2	3×2	36.4
	2FLG-24	φ2400	2400	3.6-7	9130	5100	14-18.5	1160	13600	2×18.5	3×2	45.874
	2FLG-30	φ3000	3000	3.2	12500	6300	14-18.5	1785	23300	2×22	4×2	73.03
Immersed single screw	FLC-10	φ1000	1000	5	8400	1112	14-18.5	75	473~1026	5.5	0.4	6
	FLC-12	φ1200	1200	5-6.7	8400	1372	14-18.5	120	1170~1630	7.5	2.2	11.02
	FLC-15	φ1500	1500	2.5-4.6	10500	1664	14-18.5	185	1830~2740	7.5	2.2	15.34
	FLC-20	φ2000	2000	3.6-5.5	12900	2200	14-18.5	320	3290~5940	11or15	3	29.06
	FLC-24	φ2400	2400	3.6	14130	2600	14-18.5	455	6800	18.5	4	37.267
	FLC-30	φ3000	3000	3.2	14300	3200	14-18.5	705	11650	30	4	43.5
Immersed double screw	2FLC-12	φ1200	1200	6	8400	2600	14-18.5	240	2340~3260	7.5×2	1.5×2	19.61
	2FLC-15	φ1500	1500	2.5-4.6	10500	3200	14-18.5	370	2280~5480	7.5×2	2.2×2	27.45
	2FLC-20	φ2000	2000	3.6-5.5	12900	4280	14-18.5	640	7780~11880	11×2	3×2	50
	2FLC-24	φ2400	2400	3.6	14100	5100	14-18.5	910	13608	2×18.5	4×2	65.283
	2FLC-30	φ3000	3000	3.2	14300	6300	14-18.5	1410	23300	2×22	4×2	84.87