



ZENITH BF Series Flotation Machine 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 **BF Series Flotation Machine** features and technical data:

BF Series Flotation Machine Features

1. Impeller is composed of the dosed double section cones and it can produce strong slurry cycle downward
2. The capacity of air suction is large, the power consumption is low
3. Every tank gas three functions of air suction, slurry suction and flotation simultaneously being unique in flotation return circuit
4. The circuit change is convenient for horizontal position without need for any supplementary equipment
5. The slurry cycle is rational, the settlement of coarse sand can be reduced into full play
6. The regulation is convenient to equip auto and electro-controlling arrangements for slurry level



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BF Series Flotation Machine Technical Data

Model	Effective volume (m ³)	L x D x H (mm)	Diameter of impeller (mm)	Circular velocity of impeller (m/min)	Air suction amount (m ³ /m ² .min)	Motor power (kw)	Capacity (m ³ /min)	Weight Of single tank (kg)
BF-0.25	0.25	650x600x700	250	6	0.9-1.05	1.5	0.12-0.28	370
BF-0.37	0.37	740x740x750	286	7.2	0.9-1.05	1.5	0.2-0.4	470
BF-0.65	0.65	850x950x950	300	7.35	0.9-1.10	3	0.3-0.7	932
BF-1.2	1.2	1050x1150x1100	450	7.02	0.9-1.10	5.5	0.6-1.2	1370
BF-2.0	2	1400x1450x1120	500	7.5	0.9-1.10	7.5	1.0-2.0	1750
BF-2.8	2.8	1650x1650x1150	550	8.06	0.9-1.10	11	1.4-3.0	2130
BF-4.0	4	1900x2000x1200	650	8	0.9-1.10	15	2.4-4.0	2585
BF-6.0	6	2200x2350x1300	700	7.5	0.9-1.10	18.5	3.0-6.0	3300
BF-8.0	8	2250x2850x1400	760	7.5	0.9-1.10	22	4.0-8.0	4130
BF-10	10	2250x2850x1700	760	7.52	0.9-1.10	22	5.0-10	4500
BF-16	16	2850x3800x1700	850	8.7	0.9-1.10	37	8.0-16	8320
BF-20	20	2850x3800x2000	850	8.7	0.9-1.10	45	10.0-20	8670
BF-24	24	3150x4150x2000	920	8.7	0.9-1.10	45	12.0-24	8970