



ZENITH XCF/KYF 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 **XCF/KYF Series Flotation Machine** features and technical data:

XCF/KYF Series Flotation Machine Features

1. High underflow concentration. The settling concentrate can be above 40%
2. High capacity, small occupation space. When processing same thickness and volume slurry, comparing with the traditional thickener, the GX thickener only takes 20% of the subsidence area
3. Overflow water quality is quite good. The suspended matter of the overflow can be less than 500mg/L. So it can be used as circulating water
4. It can be equipped with automatic detection and control system

XCF/KYF Series Flotation Machine Technical Data

Model	Effective Volume (m ³)	Dimension of Cell (L x W x H) (m)	Diameter of Impeller (m)	Power (kw)	Air pressure of the min air inlet (kPa)	Airflow setting (m ³ /m ² ·min)	Capacity (m ³ /min)	Weight of Single Cell (kg)
XCF II /KYF II -1	1	1.00x1.00x1.00	0.40/0.34	4/3	>11	0.05~1.4	0.2~0.5 / 0.2~1	920/1056
XCF II /KYF II -2	2	1.30x1.30x1.25	0.47/0.41	5.5/4	>12	0.05~1.4	0.5~1 / 0.5~2	1158/1346
XCF II /KYF II -3	3	1.60x1.60x1.40	0.54/0.48	7.5/5.5	>14	0.05~1.4	0.7~1.5 / 0.7~3	2172/2074
XCF II /KYF II -4	4	1.80x1.80x1.50	0.62/0.55	11/7.5	>15	0.05~1.4	1~2 / 1~4	2375/2100
XCF II /KYF II -6	6	2.05x2.05x1.75	0.62/0.55	18.5/11	>17	0.05~1.4	1~3 / 1~6	3545/3278
XCF II /KYF II -8	8	2.20x2.20x1.95	0.72/0.63	22/15	>19	0.05~1.4	2~4 / 2~8	4142/3857
XCF II /KYF II -10	10	2.40x2.40x2.10	0.76/0.66	30/22	>20	0.05~1.4	3~5 / 3~10	4894/4334
XCF II /KYF II -16	16	2.80x2.80x2.40	0.86/0.74	37/22	>23	0.05~1.4	4~8 / 4~16	6928/7545
XCF II /KYF II -20	20	3.00x3.00x2.70	0.91/0.78	45/37	>25	0.05~1.4	5~10 / 5~20	9200/8240
XCF II /KYF II -24	24	3.10x3.10x2.90	0.93/0.80	55/37	>27	0.05~1.4	6~12 / 6~24	10819/9820
XCF II /KYF II -30	30	3.50x3.50x3.025	0.88/0.90	55/45	>31	0.05~1.4	7~15 / 7~30	14810/13820
XCF II /KYF II -40	40	3.80x3.80x3.40	1.05	75/55	>32	0.05~1.4	8~19 / 8~38	18790/17097
XCF II /KYF II -50	50	4.40x4.40x3.50	1.20/1.03	90/75	>33	0.05~1.4	10~25 / 10~40	22000
XCF II /KYF II -70	70	Φ 4.30x4.10	1.12	90	>35	0.05~1.4	13~50	26200
XCF II /KYF II -100	100	Φ 5.80x4.56	1.26	132	>40	0.05~1.4	20~60	33500
XCF II /KYF II -130	130	Φ6.50x4.90	1.30	160	>45	0.05~1.4	20~60	36200
XCF II /KYF II -160	160	Φ7.00x5.20	1.35	160	>48	0.05~1.4	20~60	42500