



## ZENITH ZDU Series Belt Vacuum Filter 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 **ZDU Series Belt Vacuum Filter** features and technical data:

### ZDU Series Belt Vacuum Filter Features

1. It in fact has realized continuous filtering, cake cleaning, residue unloading and filter fabrics cleaning
2. The control system is taking DCS technology. It can realized remote automatic control
3. It is flexible to assemble equipment because of the modular structure and convenient for the transportation and installation according to the field to adjust the Length and width
4. Higher productive efficiency, lower power consumption
5. The filter cloth and belts can automatic tension and correct the deviation
6. Rubber belt edge adopts undulation skirt-brim bonded on the parallel rubber belt, serving lift can be longer



**ZENITH**  
MINING & CONSTRUCTION

## ZDU Series Belt Vacuum Filter Technical Data

Filter length/M		1.3		1.8		2		2.5		3.2		4		4.5	
Filter length/M	N (integer)	Filter area/m <sup>2</sup>	Weight/T	Filter area/m <sup>2</sup>	Weight/T	Filter area/m <sup>2</sup>	Weight/T	Filter area/m <sup>2</sup>	Weight/T	Filter area/m <sup>2</sup>	Weight/T	Filter area/m <sup>2</sup>	Weight/T	Filter area/m <sup>2</sup>	Weight/T
8	3	10.4	7.9	14.4	10.4	16	11.7	20	14.6						
10	4	13	8.9	18	11.9	20	13.4	25	16.8	32	27.6				
12	5	15.6	9.9	21.6	13.4	24	15.1	30	19	38.4	30	40	42.4	54	45
14	6	18.2	10.9	25.2	14.9	28	16.8	35	21.2	45	32.4	56	45	63	47.9
16	7	20.8	11.9	28.8	16.4	32	18.5	40	23.4	51.2	34.8	64	47.6	72	50.8
18	8	23.4	12.9	32.4	17.9	36	20.2	45	25.6	58	37.2	72	50.2	81	53.7
20	9	26	13.9	36	19.4	40	21.9	50	27.8	64	39.6	80	52.8	90	62
22	10			39.6	20.9	44	23.6	55	31	70.4	42	88	56.4	99	65.2
24	11					48	25.3	60	33.2	77	44.4	96	59	108	68.4
26	12							65	35.4	83.2	46.8	104	61.6	117	71.6
28	13									89.6	49.2	112	64.2	126	74.8
30	14									96	51.6	120	66.8	135	78