

ZUFS sand attrition unit

Sand attrition units type ZUFS are very powerful and compact machines for chemically bonded mould and core sand. These proved and tested machines are often used in well-known foundries. Generally the sand attrition units are integrated in sand reclamation plants between shake-out and sand cooler. Powerful, linear vibrations are disintegrating the lumps in the attrition sink and repulverize them to sand. Following the attrition sink the oversize grains are screened out.



Properties:

- + Long lifetime of the lining parts and the grid of the attrition sink
- + Attrition sink consists of highly wear-resistant steel casting grids
- + Downwards directed conical tapered screening apertures avoid choking
- + Fine screen for oversize grain, situated at the exit of the machine, is easily accessible
- + Oversize grains are conveyed through separate opening (optionally left or right), therefore no accumulation of oversize grain in the machine
- + Coarse material will be discharged automatically through the rearend flap by means of reversed conveying direction
- + Access to the inner parts of the device trough the rearend flap

Width [mm]	Drives [2 pieces JV]	Performance [kW]	Weight [kg]	Exhaust air [m ³ /h]	Nobake Sandsystem organic		
					40% lumps 60% sand	50% lumps 50% sand	100% lumps 0% sand
					Thermally treated		
					strong	medium	low
					Performance [t/h]	Performance [t/h]	Performance [t/h]
500	176-450	2 x 1,6	1100	1200	6,2	5	2,5
1000	206-850	2 x 2,8	1950	1800	12,5	10	5
1500	276-1150	2 x 4,0	2800	2500	18,5	15	7,5
2000	276-1750	2 x 7,0	3900	3000	25	20	10