

## ZUFS SAND ATTRITION UNIT

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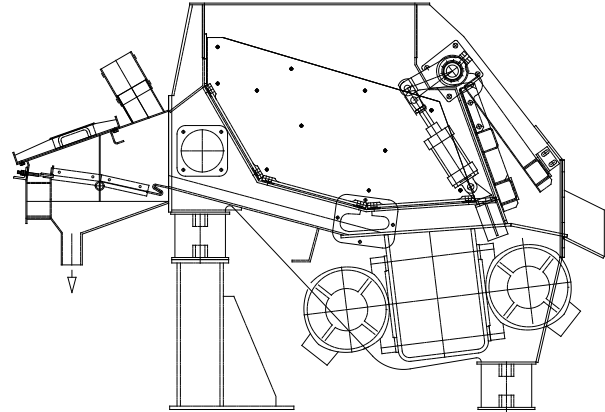
### APPLICATION AND FUNCTION:

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 through the rearend flap.



Attrition sink made of modular highly wear-resistant hart cast iron perforated plates

**ZUFS Sand attrition unit**

Width [mm]	Drives [2 pieces JV]	Performance [kW]	Weight [kg]	Exhaust Air [m³/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