



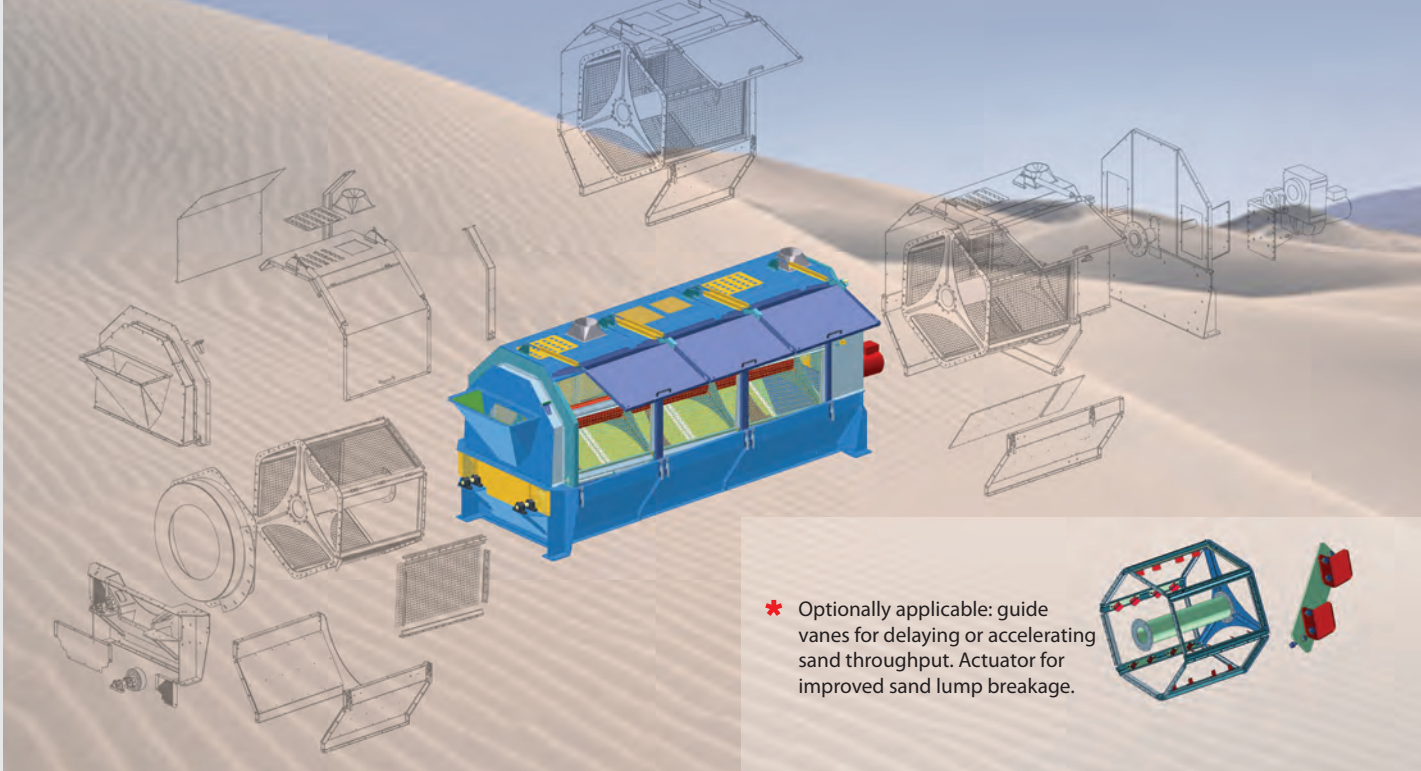
Polygon screens in modular construction



- * Compact construction
- * Various diameters and variable lengths



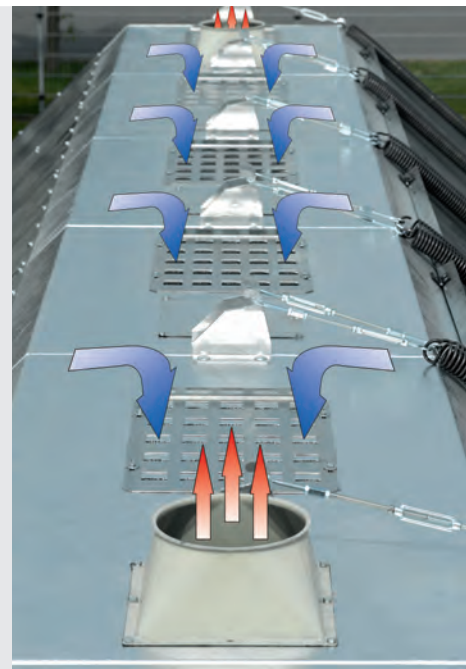
Extendable segmented modular construction



Long-term experience in system construction for the foundry industry, combined with the technical advantages of the VHV construction method ensure flexibility, easy maintenance and low costs.



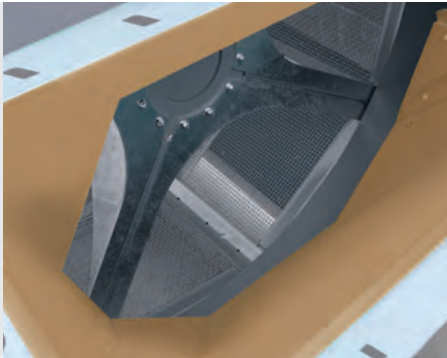
* Direct sand outlet in used sand bunker



* Adjustable ventilation openings, ventilation openings for dust absorption and temperature reduction.



* Torsion resistant, inclined screen body (internal view)



* Largest possible inlet section **without** interfering drum shaft



* Iron elimination through magnetic drum with discharge shafts for iron and trickling sand.

- * The externally positioned screen drum avoids blockages in the feed area
- * Similarly constructed screen areas reduce spare parts costs
- * The tapered outlet box reduces the total construction height
- * Predominantly galvanized components ensure optimal corrosion protection



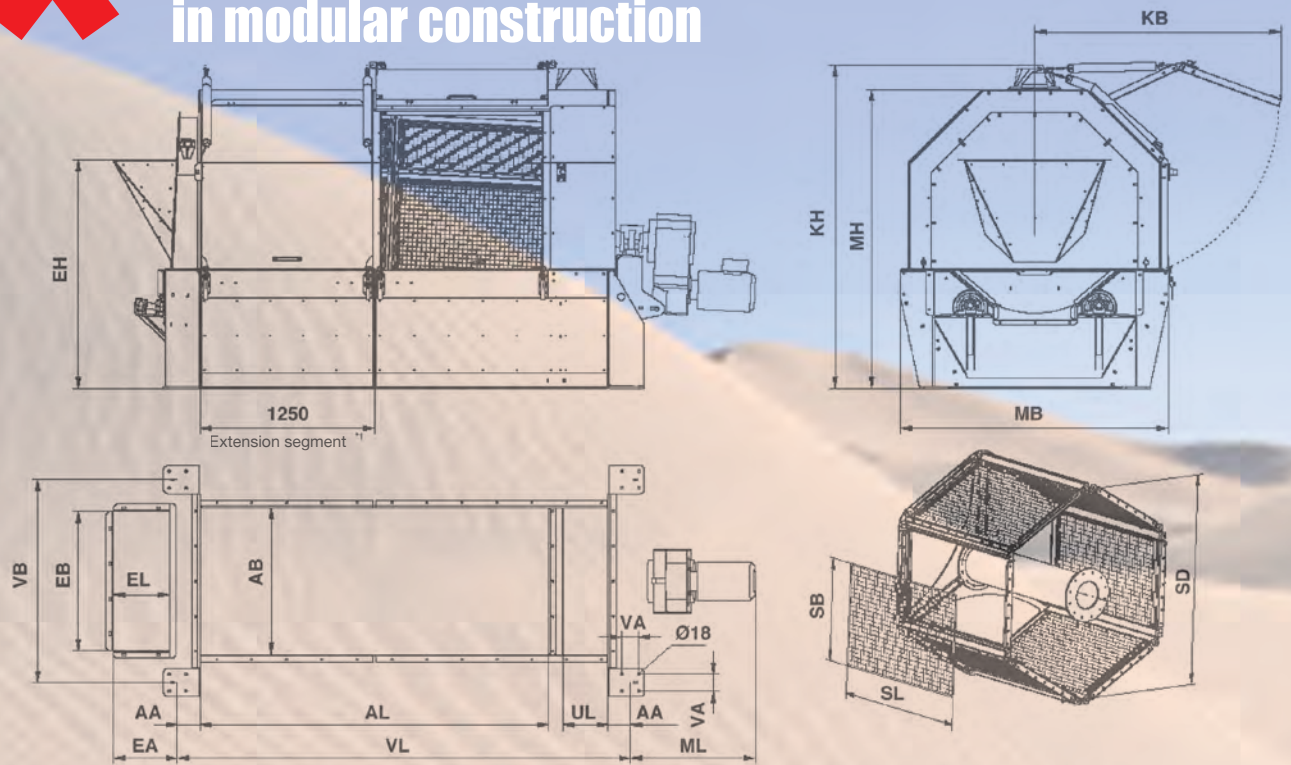
* Trouble free maintenance through easily accessible, pre-stressed screen areas of similar construction.



* The VHV belt conveyor outlet enables the installation of the polygon screen at ground floor level or in basements.



Polygon screens in modular construction



*1 One extension per additional screen ring

The standard machine width is 12.5 mm with a wire thickness of 2.5 mm. Depending on application, other screens can be used.

Type name	Number of screen rings	Effective screen area	Motor output ^{*2}	Screen speed ^{*2}	Approx. weight	VL	AL	ML
PS100x1-3-28	1 piece	2,6 m ²	3,0 KW	28 min ⁻¹	1140 Kg	1770	1550	725
PS100x2-4-31	2 pieces	5,3 m ²	4,0 KW	31 min ⁻¹	1520 Kg	3020	2800	730
PS100x3-5-32	3 pieces	7,9 m ²	5,5 KW	32 min ⁻¹	1900 Kg	4270	4050	770
PS150x1-4-22	1 pieces	4,2 m ²	4,0 KW	22 min ⁻¹	2000 Kg	1985	1240	750
PS150x2-5-22	2 pieces	8,5 m ²	5,5 KW	22 min ⁻¹	2600 Kg	3235	2490	800
PS150x3-7,5-21	3 pieces	12,7 m ²	7,5 KW	21 min ⁻¹	3200 Kg	4485	3740	850
PS150x4-11-21	4 pieces	16,9 m ²	11,0 KW	21 min ⁻¹	3800 Kg	5735	4990	910
PS200x1-5,5-16	1 pieces	5,6 m ²	5,5 KW	16 min ⁻¹	3800 Kg	1977	1230	800
PS200x2-7,5-16	2 pieces	11,3 m ²	7,5 KW	16 min ⁻¹	4600 Kg	3227	2480	850
PS200x3-11-17	3 pieces	16,9 m ²	11,0 KW	17 min ⁻¹	5400 Kg	4477	3730	900
PS200x4-15-17	4 pieces	22,6 m ²	15,0 KW	17 min ⁻¹	6200 Kg	5727	4980	980
PS200x5-18,5-19	5 pieces	28,2 m ²	18,5 KW	19 min ⁻¹	7000 Kg	6977	6230	1050

*2 Motor output and speeds can be selected as per application (ML dimensions can change)

Typ	SD	SL	SB	SA ^{*3}	MB	MH	KB	KH	VB	VA	EL	EB	EH	EA	AB	AA	UL
PS100	1000	1220	500	6	1300	1455	1165	1750	960	80	235	640	1100	305	700	110	180
PS150	1500	1220	750	6	1910	2150	1760	2320	1450	120	390	990	1635	457	1050	160	320
PS200	2000	1220	750	8	2410	2700	2200	2990	1950	120	440	1350	1945	620	1620	160	295

*3 Number of individual screens in one screen ring

Technical changes reserved!



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