

Oscillating screen

For particleboard production

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DIEFFENBACHER

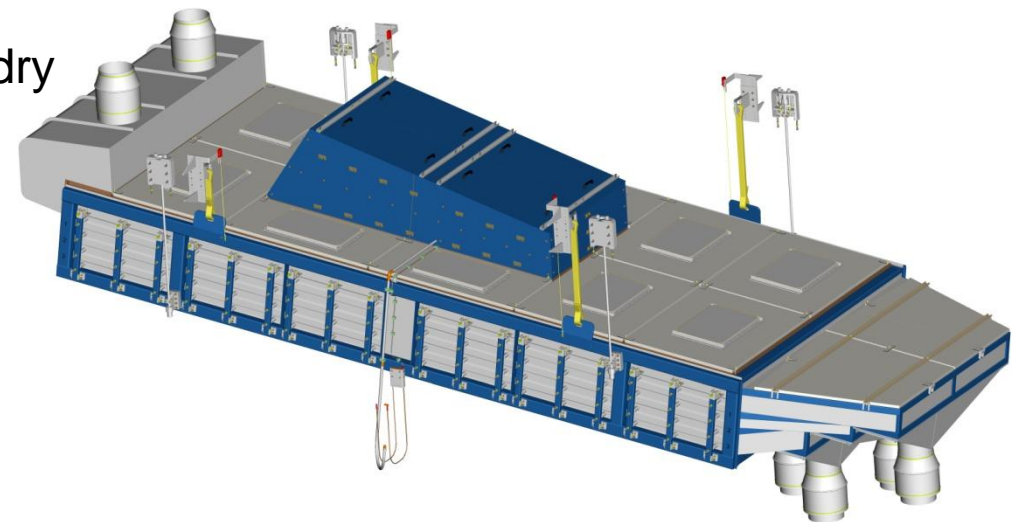
Oscillating dry flakes screening

The oscillating screen is a hanging screen, developed for screening of dry flakes. This vibrating net-type screen is available in 4 sizes depending on the desired capacity.

- Easy and quick change of screen nets
- Low maintenance
- Easy, fast installation and start-up
- Self-cleaning screen nets

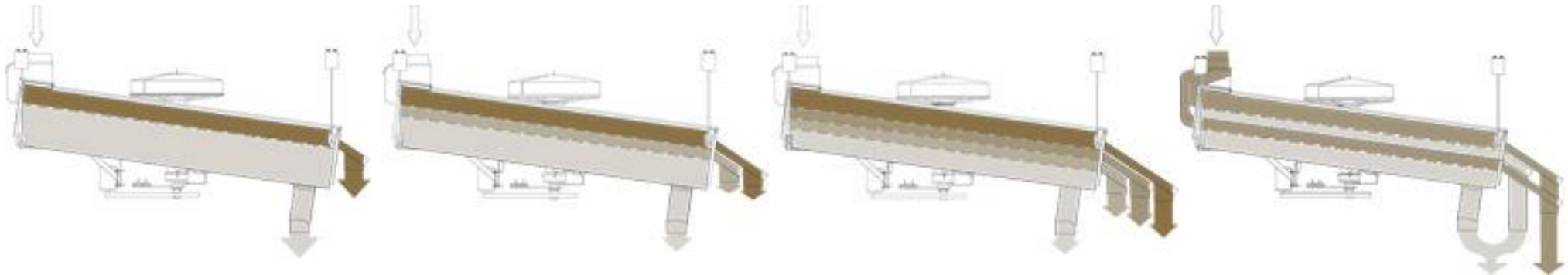
Technical features

- Capacity from 9 to 22 ton/h (150 kg/m³ of dry flakes for particleboard)
- Equipped with explosion vents
- Fire extinguishing system (option)
- Automatic lubrication system (option)



Oscillating dry flakes screening

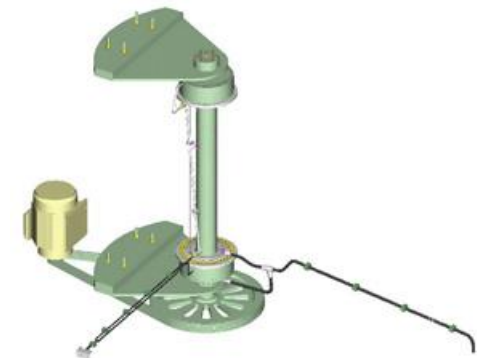
- Screening alternatives



The screen nets are installed into easily changeable cassettes, which makes the changing quick.



The screen net cleaning device (optional)



The drive can be equipped with an automatic lubrication system. All parts that need maintenance are easily accessible.

Oscillating dry flakes screening, capacity table (1)

Type	m ²	SL # mesh	Fibrous Capacity m ³ /h	Non fibrous Capacity m ³ /h
RS10	8,5	1,0	49,3	50,2
		1,1	50,8	52,7
		1,2	52,3	55,3
		1,4	55,3	60,4
		1,8	61,2	70,6
		2,0	64,2	73,1
		2,2	67,2	75,7
RS13	13	1,0	75,4	76,7
		1,1	77,7	80,6
		1,2	80,0	84,5
		1,4	84,5	92,3
		1,8	93,6	107,9
		2,0	98,2	111,8
		2,2	102,7	115,7

Oscillating dry flakes screening, capacity table (2)

Type	m ²	SL # mesh	Fibrous Capacity m ³ /h	Non fibrous Capacity m ³ /h
RS17	17	1,0	98,6	100,3
		1,1	101,7	105,4
		1,2	104,6	110,5
		1,4	110,5	120,7
		1,8	122,4	141,1
		2,0	128,4	148,2
		2,2	134,3	151,3
		RS25	25	1,0
1,1	149,5			155,0
1,2	153,8			162,5
1,4	162,5			177,5
1,8	180,0			207,5
2,0	188,8			215,0
2,2	197,5			222,5

Bulk density	130-160	kg/m ³ b.d.
Moisture content	<3,0	%
Fractions	4	pos
Oversized removed	10-16	%