

# Screens with elliptic oscillation EDT

## SCREENING



Screen EDT2N2160/2PU positioned on a pontoon – wet screening of gravel from the seabed



Workshop tuning of the screen EDT2N2160/2PU



Screen EDT2N1430/2FeK – dosed screening of limestone to shaft kilns

They are light screens of many alternatives:

1. EDT and EDTN – opened screen, single drive
2. EDT2N – opened screen, two drives
3. EDTN...K – closed screen, single drive
4. EDT2N...K – closed screen, two drives
5. EDT2N...K-st.°C – closed screen, two drives for screening at higher temperatures

Machine type:	Area 4)			Max. inlet grain size	Screening limits	Max. capacity	Installed power input	
Mark	Width	Length	No.					
Design 3)	mm	mm	-	mm	mm	t/h	kW	
EDT0510	500	1000	1-2	100	2÷70	15	0,55-1,1	
EDT0820	800	2000	1-3	130	2÷70	45	1,5-2,5	
EDT1020	1000	2000	1-3	150	2÷90	60	1,5-2,2	
EDT1030	1000	3000	2	150	2÷90	90	4,5-6,8	
EDT1230	1200	3000	1-3	150	2÷90	110	4-6,8	
EDT1530	1500	3000	1-3	200	2÷120	135	4-5,5	
EDT1630	1600	3000	1-3	200	2÷120	145	4-5,5	
EDT1640	1600	4000	2	200	2÷120	190	7,5	
EDT1840	1800	4000	1-3	200	2÷120	210	5,5-7,5	
EDT2040	2000	4000	1-3	200	2÷150	240	5,5-11	
EDT2050	2000	5000	2	200	2÷150	240	11	
Screen with heated screen decks by electricity						Drive	Heating	
EDT-E1230	1200	3000	1-2	150	2÷90	110	4-5,5	30-63
EDT-E1530	1500	3000	2	200	2÷120	135	5,5	63



Screen EDT2N1430/2FeK – lime screening



Screen EDT2N1240/2Fe

# Screens with elliptic oscillation EDT

The screens are used for middle and final screening. They are mostly two-deck ones exceptionally three-deck units. They are supported, on request suspended. They work with inclination from 0° (two-drive units) up to 20° (single-drive machines). An ordinary steel mesh longitudinally tensioned (approx. up to 1 m wide and 2 m long) or transversally tensioned mesh is usually used. PU module screens may also be used.

Covers of closed screens are integrated as part of the machine. Covers are module (with a module 500 mm) and with a hole for venting connection. Hoppers of these screens are equipped with a flange for screwing and outlet flange for sealing by pressing.

The cover of screens for screening hot material is exchanged for a heat shield.

With all machines EDT the driving unit is designed so that it could be moved in the housing and the screening capacity could be optimized.

Machine type:	Area 4)				Max. inlet grain size	Screening limits	Max. capacity	Installed power input
Mark	Width	Length	teplota	počet				
Design 3)	mm	mm	°C	-	mm	mm	t/h	kW
EDT2N1030/2	1000	3000	-	2	150	2÷90	90	2x4,5
EDT2N1240/2Fe	1200	4000	-	2	120	2÷120	200	2x7,5
EDT2N2050/2	2000	5000	-	2	200	2÷150	240	2x11
EDT2N2160/2PU	2100	6000	-	2	200	2÷120	400	2x11
<b>Closed screens for dusty operations where the cover is part of the machine</b>								
EDT2N1430/2FeK	1400	3000	-	2	200	2÷120	200	2x6,8
EDT1230/1FeK	1200	3000	-	1	150	2÷120	180	1x6,8
<b>Closed screens for dusty and hot operations where the cover is part of the machine</b>								
EDT2N1030/2FeK	1000	3000	150	2	300	2÷63	225	2x7,6

## SCREENING



Workshop tuning of the screen EDTN1030/2FeK



Screen EDTN1230/1FeK – limestone screening



PC 3D model of the screen EDT2N1240/2Fe



Final workshop assembly of the screen EDT2N1030/2Fe-150°C. Screening of slag of 150°C and subsequent finish-crushing in the crusher DVR.