

1.4 Technical data

Type: LIMATOR 1200 with machine number: 6275

A	B	C	D	E	F	G	H	I	J	K	L	M	N	
1	1	1	1	1	2	1	1	2	3	1	1	1	1	

Legend:

A... Substructure / B... Transfer / C... Baffle housing / D... Maintenance door / washer / E... Linear drive / F... Wear unit
G... Discharge system / H... Bearing unit / I... Central lubrication / J... Drive unit / K... Rotor / L... Cutting unit Crusher arms
M... Cutting unit Rotor head / N... Protection unit

1.4.1 General data:

Number of cutters	8+2 pcs	Year of construct	2016
Cutter form	Crusher+Impact plate	EX-protection	No
Screen perforation	- mm	Noise level	> 85 dB(A)
Material discharge	by customer	Varnish	RAL 7001 / RAL 5021
Weight of machine	4,5 tons	Rotor-Revolutions	50Hz: 938 rpm
Climatic conditions	-25/+40°C/40-80%rel.hu.	Rotor-cooling	no

1.4.2 Drive: Three phases current motor

Manufacture	ABB (IE2)	Construction form	B3
Capacity	90 kW	Size	280M4
Revolutions	1480 rpm	Voltage / frequency	3 x 400V / 50Hz
Terminal box	top	Frequency converter	provided by the customer with IE2: FC necessary

1.4.3 Transmission: Direct drive

Transmission Belt drive Motor / rotor	i = 0,56	Transmission Belts Motor / rotor	KB 4-SPB 3750LD RP3
Transmission Belt drive Countershaft / -	/	Transmission Belts Countershaft / -	/
Product	/	Type	/
Gear lubricant	/	Filling volume	/
Safety clutch	/	Setting by manufact.	/

1.4.4 Linear actuator:

Manufacture / type	ATP – ATL30 – RL1	Inward pressure	/
Transmission	I = 1:24	Outward pressure	/
Stroke	400mm (7,5mm/s)		

1.4.4.1 Drive: Linear actuator:

Capacity	0,25kW	Voltage / frequency	3 x 400V / 50Hz
Revolutions	2840 rpm	Size	B14