

**Rolling mill equipment and rolling mill rolls.
Sheet-leveling equipment**



Specifications

Customer	“SEVERSTAL”		“AMK”	“MMK”		“MECHEL”	MP of Asha
Parameter	SLM No.3 2800/1700- mm mill	SLM No1 5000-mm mill	SLM No.1 3000-mm mill	SLM No.1	SLM No.2	SLM No.1 2300/1700- mm mill	SLM 2800- mm mill
Thickness of processed sheets, mm	7...60	10...100	6...50	10...25	5...15	6...50	5...70
Width, mm	1500-2700	1500-4800	1500-2800	1000-2350	1000-2350	1000-2200	1600-2700
Length, mm	5000-28000	8000-30000	до 26000	-	3000-24000	до 22000	до 32000
Max. yield point of processed material, MP a	800	1000	1100	700	700	1000	1100
Leveling speed, m/s	0,3...0,6	0,2...0,6	0,2...1,4	0,2...0,6	0,6...0,8	0,2...0,6	0,1...2,5
No. of work rolls, pc	9(4+5)	9(5+4)	11 (6+5)	9(5+4)	11 (6+5)	11 (6+5)	9(5+4)
Work roll diameter, pc	360	430	280	320	230	280	360
Work roll barrel length, mm	2950	5000	3000	2500	2500	2500	2500
Work roll pith, mm	400	450	300	350	250	300	380
No. of backup rolls, pc	126 (70+58)	198 (110+88)	154 (84+70)	82 (42+40)	124 (64+60)	124 (64+60)	109 (57+52)
Work roll dia., mm	390	440	290	330	240	290	370
Leveling force, max, MN	30,0	50,0	32,0	22,0	15,0	22,0	25,0
Individual vertical roll adjustment	Upper	Yes	Yes	Yes	Yes	Yes	Yes
	Lower	Yes	Yes	No	No	No	Yes
Horizontal adjustment of lower rolls	Yes	Yes	No	No	No	Yes	Yes
Individual roll drive	Yes	Yes	No	No	No	No	No
Diagnostics and control system, Drive control units Data exchange bus type	EDAS Simovert Master Dreves(Siemens) и Sysdrive (Omron) PROFIBUS		Siemens, Simatic S7-300 Profibus DP				