

**Rolling mill equipment and rolling mill rolls.
Scrap-processing equipment**

SHEARING PRESS WITH LATERAL PRESS



Specification

Company		NKMZ PJSC, Kramatorsk				
Parameter	Shearing press with lateral press					
	800	1000	1200	1400	1600	
Application	Compaction and cutting of metal scrap (from light to heavy one), receiving pressed packs					
Type	Stationary					
Drive	Hydraulic					
Output product specification	Scrap metal of preset size, pressed packs					
Cutting force, MN(tf)	8 (800)	10 (1000)	12 (1200)	14 (1400)	16 (1600)	
Capacity, t/hr	up to 30	up to 45	up to 60	up to 70	up to 80	
Cutting capacity:	- round, diameter, mm	160	180	195	210	225
	- square, side, mm	140	160	175	190	205
Size of feed box, m ³	9	10	11	12	14	
Dimensions of pressing chamber (LxW), m	6,5x2	7x2	8x2	8x2,5	10x2,5	
Cut width, mm	600, 800	800	800, 1000	1000	1300	
Shear pressing force, MN	2x1,1	2x1,4	2x1,6	2x2,0	2x2,4	
Lateral press force, MN	2x1,8	2x2,5		2x2,8		
Pressing cover force, MN	2x1,5	2x1,9	2x2,2	2x2,5		
Pusher force, MN	1,2	1,4				
Cut scrap length, mm	300...1200					
No. of pump units, pc x power, kW	3x90	4x90	5x90	6x90	7x90	



**Rolling mill equipment and rolling mill rolls.
Scrap-processing equipment**

SHEARING PRESS WITH PRESSING WINGS

Specification

Parameter	Shearing press with pressing wings			
	500	600	800	1000
Application	Compaction and cutting of metal scrap, receiving pressed packs			
Type	mobile, stationary			
Drive	hydraulic			
Output product specification	Scrap metal of preset size (light and medium), pressed packs			
Cutting force, MN(tf)	5 (500)	6 (600)	8 (800)	10 (1000)
Cut width, mm	700	700	800	800
Pressing force, MN	1	1,1	1,8	2,1
Dimensions of pressing chamber, mm: - open (LxWxH), - closed (WxH)	5000x2400x800 650x560	5000x2400x800 6000x2400x800 650x560	6000x2400x800 7500x2400x800 750x600	6000x2500x800 7500x2500x800 750x600
Outer wing: -Hydr.cylinders force, MN -Outer wing force, MN	2x1,3 3	2x1,3 3x1,1 3 4,5	3x1,1 4x1,1 4,5 5,8	3x1,1 4x1,1 4,5 5,8
Inner wing: Hydr.cylinders force, MN Inner wing force, MN	2x1,3 3	2x1,3 3x1,1 3 4,5	3x1,1 4x1,1 4,5 5,8	3x1,1 4x1,1 4,5 5,8
Pusher force, MN	1,3	1,3	1,3	1,3
Max. no. of cuts per minute	5	5	5	up to 6
No. of pump units, pc x power, kW	2x90	2x90	3x90	4x90
Output, t/hr	5...8	6...10	up to 20	up to 30
Cutting capacity (when $s = 360 \text{ N/mm}^2$): - round (dia.), mm - square (side), mm - plate (WxT), mm	140 125 700x100	150 130 700x110	175 150 700x125	190 170 700x140
Handling by semitrailer (transporting option)	+	+	-	-