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Category	Bar Straighteners	
Manufacturer	Sket	
Model	XRP-100	
Serial Number	X 39-04	
Year	1978	
Maximum Straightening Movement	122.00 ft	0.37 hm
Working Height	51.00 in	1300.00 mm
Axial Shift of all Rolls	1.60 in	40.64 mm
Maximum Shift of Upper Rolls	4.70 in	119.38 mm
Maximum Shift of Final Rolls	4.70 in	119.38 mm
Straightening Speed	24; 48; 60; 120 m/min	
Minimum Admissible Bending of Bars Before Straightening	12 mm/m	
Maximum Admissible Bending of Bars Before Straightening	350 mm/6m	
Minimum Admissible Bending of Bars After Straightening	5 mm/m	
Maximum Admissible Bending of Bars After Straightening	30 mm/6m	
Length of Non-Straightening Rod Ends	25.00 in	635.00 mm
Max Yield Limit of Straightening Material	750 mPa	
Maximum Moment of Resistance for 300 MPa	100 cm .3	
Maximum Diameter Of Straightening Material For 400 Mpa Rated: (400 Mp = $580 \times 10^2 = 58,000$ Psi (1P = 1.45×10^4))	4.00 in	101.60 mm

Maximum Diameter Of Straightening Material For 300 Mpa Actual: (300 Mp = $435 \times 10^2 = 43,500$ Psi (1P = 1.45×10^4))	5.00 In	127.00 mm
Circular Profile Minimum / Maximum	50/10	
4 Face (45 Degree) Minimum / Maximum	50/10	
6 Face Minimum / Maximum	50/10	
Plane Profile Minimum / Maximum	100 X 30 / 410 X 25	
Profile (45 Degree) Minimum / Maximum	80 / 160	
T-Shaped Minimum / Maximum	8 / 14	
Channel-Type Minimum / Maximum	14 / 24	
2 T-Shaped Minimum / Maximum	14 / 22	
Number of Straightening Rolls + Final Roll, Ps	7 + 1	
Maximum External Diameter of Rolls	23.60 in	599.44 mm
Spacing Between Straightening Rolls	24.80 in	629.92 mm
Number of Lower Roll Electric Motors	2	
Lower Roll Motor Power	70.00 HP	52.20 kW
Auxiliary Electric Motors	35.00 HP	26.10 kW
Specific Pressure on a Basis, Kpa	770	
Power	3 PH / 50Hz / 220-280 V Existing	
Machine Length	174.00 in	4419.60 mm
Machine Width	109.00 in	2768.60 mm
Machine Height	129.00 in	3276.60 mm
Weight	98000.00 lbs	44452.02 kg
Condition	Good	