Technical datasheet

O.06 14113

23/11/2026

PLATE ROLLS

Schafer SVRM 4050 x 40/50/60 mm

Brand: Schafer · Type: SVRM 4050 x 40/50/60 mm









PLATE ROLLS

Number of rolls	**4 rolls**	Roll capacity cold	**4050 x 40/50/60 mm**
Roll dia upside	**560 mm**	Driven rolls	**4 rolls hydr driven**
Power needed	**110 kW**	Length	**7700 mm**
Depth	**3700 mm**	Hight	**4100 mm**
Weight	**72 ton**	Pre-bending	**yes**

DESCRIPTION

Type: SVRM 4R - Linear
4 rolls individually hydraulically driven = no slip, specifically for conical rolling
4 hardened rolls
6 digital readouts
conical bending, smallest diameter of cone is 1100 mm
with the toproll you can process both thin and thick plates (hydraulic crowning of top roll)
max speed: 7.5 m/min (variable hydraulic speed)

High accuracy machine because it uses linear guides for the side rolls, which means that the side rolls cannot deflect in any way! (new machines are no longer manufactured with linear guides due to high costs, instead planetary guides are used which are inferior)

Machine is equipped with backload feature > a tilting cylinder which is connected to the top roll; this allows the operator to apply upwards or

CONTACT

Dam-Apt BV
De Tonne 77 · 9800 Deinze · Belgium
Tel: +32 (0)9 386 15 71 · info@aptint.com
www.aptint.com · VAT BE 0405.595.996

Scan for the online datasheet

downwards backload to the top roll to counter act deflection of the top roll = crowning of the top roll > incredibly rare feature!

Machine is equipped with a shock absorber system which is useful to calibrate a rolled workpiece after welding. With this shock absorber system the machine is able to handle the seam resulting after welding. When rolling the part and the seam passes between the top and bottom roll the shock is not transferred to the bearings and the machine is not overloaded.

Another unique feature about this bending roll is it's increased capacity for pre-bending, here you need to multiply the plate thickness by 1.8. For example a plate with a thickness of 40 mm x 1.8 = 72 mm. Standard you would have to multiply by 3, for a plate of 40 mm this would equal to 120 mm.

During the rolling process all other hydraulic movements can be executed at the same time.
2 hydraulic plate support systems (left and right) for rolling large diameter workpieces
hydraulic vertical top support to support sheet during rolling, max diameter of workpiece with this support is 6300 mm

PRICE

Price on request

Request a quote

CONTACT

Dam-Apt BV
De Tonne 77 · 9800 Deinze · Belgium
Tel: +32 (0)9 386 15 71 · info@aptint.com
www.aptint.com · VAT BE 0405.595.996

Scan for the online datasheet