WELDING AUTOMATION

DV 10/2.5; VK 1/0.6

STEEL ROLLING MACHINES

TWO ROLLS ROLLING MACHINE: DV 10/2.5

DV 10/2.5

TWO ROLLS DESIGN

This machine addresses a common issue encountered with most rolling machines, which is **a straight (non-bent) start and end of the sheet**. It accomplishes this by using a special polyurethane coating on the bottom roller. The bottom roller is pushed up with hydraulics, and a positioning device can be added above the rollers to hold and position the workpiece. The machine can be hydraulically opened from the side to remove the rolled piece. It is commonly used for rolling various steel products such as boiler coats, fire extinguishers, tubes, air reservoirs, small pressure vessels, and more.

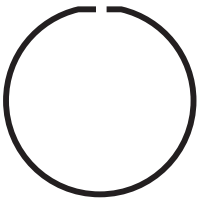
Furthermore, **it serves as an ideal tool for preparing tubes for welding** on our VSV machines.

ADVANTAGES:

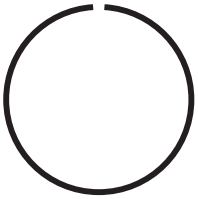
- Rolling in one crossing, no corrections needed,
- ideal roundness without straight starts and ends,
- high productivity.

Max. rolling width	mm	1000
Max. material thickness		2,5
Minimum diameter		200
Rolling speed	cm/min	900
Power rating	kW	5,5
Mass	kg	1400

Rolling with classic rolling machine:



Rolling with DV 10/2.5:



CONE ROLLING MACHINE: VK 1/0.6

VK 1/0.6

VK 1/0.6

VK is a **cone rolling machine** designed for rolling pre-cut sheet metal into cones of desired dimensions. The machine allows for easy adjustment of the cone angle through mechanical setup. Its multiple roller supports below the main roller ensure that the product's **surface remains undamaged.** The roller is driven by a servo motor, and two leveraged pneumatic cylinders inside push the table up when the rolling process begins.

To use the machine, sheet metal is inserted from the front with the assistance of a positioning device, automatically rolled, and then pulled out from the side. The side of the machine is equipped with a door that is manually opened after the workpiece is rolled. If necessary, the main roller can be replaced for different diameters (optional).

Speed and direction can be configured through the NC control, and parameters can be saved using the touch display. For added convenience during the rolling process, a foot switch can be used. Additionally, the machine is equipped with a safety rope pull switch to be used in case of an emergency.

Max. rolling width	mm	600
Max. material thickness		2
Rolling speed	cm/min	20 - 1500
Air supply	bar	6
Power rating	kW	0,8
Mass	kg	400