

# Two-Roll Vertical Bar Straightening Machine

This device features a two-roll vertical design for straightening metal bars. It includes a straightening machine and feeder system, along with electric control, hydraulic, pneumatic, and lubricative devices.



## Product Overview

### High-Efficiency Two-Roll Straightening

The SMV2 Series is a high-performance two-roll vertical bar straightening machine engineered for industrial applications. It utilizes a convex-concave roll design to combine straightening and tumbling processes, ensuring optimal material quality and surface finish. Featuring constant-pressure load control and an intuitive digital interface, it delivers high sensitivity and operational reliability for various bar and wire diameters.

## Key Features

### Operational Capabilities

Convex-Concave Roll Design, Constant-Pressure Load Control, Digital Display Clearance, Anti-Scratching Feeder System, Hydraulic Overload Protection

## Technical Specifications

### Performance Parameters

Specification	Value
Max Yield Strength	1100 N/mm <sup>2</sup>
Original Curvature	Max 4 mm/m
Straightening Precision	Max 0.3 mm/m
Surface Roughness (Initial)	Max 3.2 Ra
Surface Roughness (Final)	Max 0.4 Ra

### Main Motor Power

- 15\*2 KW
- 37\*2 KW
- 55\*2 KW
- 75\*2 KW
- 110\*2 KW
- 180\*2 KW
- 400\*2 KW
- 480\*2 KW