

Two-Roll Vertical Metal Straightening Machine

This device is a two-roll vertical straightening machine, mainly comprised of straightening machine and feeder system, and equipped with the corresponding electric control, hydraulic, pneumatic and lubricative devices. This machine is designed for straightening metal materials with high accuracy, making it suitable for various industrial applications.



Product Overview

High-Efficiency Metal Straightening Solution

The SMV2 series is a professional two-roll vertical straightening machine engineered for precision processing of bars, tubes, sections, wires, and plates. Utilizing a convex-concave roll design, it delivers full-range straightening and tumbling with line-contact efficiency. The system features a constant-pressure load control mechanism to protect equipment and reduce material necking, ensuring high-quality output for demanding industrial applications.

Technical Performance

Operational Performance

1100 N/mm²

Max Yield Strength

0.3 mm/m

Straightening Precision

0.4 Ra

Post-Tumbling Roughness

Technical Specifications by Model

Bar Diameter (mm)	Speed (m/min)	Motor Power (KW)
3-15	5-30	15x2
8-40	5-30	37x2
12-60	5-30	55x2
15-80	5-30	75x2
30-100	5-30	110x2
50-150	5-20	180x2
80-200	5-20	400x2
130-250	5-20	480x2

System Features

Automation & Controls

Electric Adjustment, Digital Clearance Display, Constant-Pressure Load Control, Hydraulic Station, Anti-Scratch Feeder