

SHEET METAL STRAIGHTENING MACHINE

Model SMS-2408 | High-Precision Industrial Sheet Straightening Solution

Product Overview

The SHEET METAL STRAIGHTENING MACHINE SMS-2408 is a heavy-duty, floor-mounted industrial machine designed for accurate and consistent sheet metal straightening. Built with a robust welded frame and nine hardened alloy steel rollers, it delivers high straightening precision with simple digital adjustment and touchscreen HMI control. The machine is suitable for fabrication, automotive and appliance manufacturing applications.

Key Specifications

Parameter	Specification
Model	SMS-2408
Machine Type	Sheet Metal Straightening Machine
Straightening Accuracy	Up to 0.2 mm
Rollers	9 Nos. hardened alloy steel rollers
Roller Diameter	60 mm
Maximum Sheet Width	Up to 1300 mm
Sheet Thickness	0.5 mm to 5 mm
Operating Speed	Up to 7 meters/minute
Adjustment	Digital dial adjustment
Control Interface	Touch screen HMI / PLC control panel
Frame	Heavy-duty welded frame
Suitable Materials	Steel, aluminum and other non-ferrous sheets
Lubrication	Automatic centralized lubrication system

Material Excellence & Application Surface

The SMS-2408 uses hardened alloy steel rollers engineered for durability, strength and precision. It is designed to straighten sheet metal from 0.5 mm to 5 mm thickness and can process steel, aluminum and other non-ferrous materials. The machine is well suited for automotive body production, fabrication workshops and appliance manufacturing, where consistent sheet flatness and dimensional quality are important.

Major Features & Benefits

- High straightening accuracy up to 0.2 mm
- Nine hardened alloy steel rollers for reliable performance
- 60 mm roller diameter for heavy-duty operation
- Digital dial adjustment for fine roller setting
- Touch screen HMI with PLC-based control
- Handles sheets up to 1300 mm width

- Suitable for 0.5 mm to 5 mm sheet thickness
- Low-maintenance construction
- Protective guards, safety sensors and overload protection
- Automatic centralized lubrication for easier maintenance

Applications

The machine is suitable for sheet metal fabrication units, automotive body plants, appliance manufacturing facilities and other industrial production lines requiring accurate and repeatable sheet straightening.

Sample & Shipping Details

Samples are available for inspection and testing prior to purchase. FOB port facilities, quick dispatch and reliable shipping arrangements are available across India. The machine can be carefully crated and supplied either assembled or in parts, depending on shipping and installation requirements. Delivery schedules are arranged according to the order and manufacturing timeline.

Frequently Asked Questions (FAQs)

Q1. How does the SMS-2408 ensure precise straightening?

A. The machine uses nine hardened alloy steel rollers and digital dial indicators for fine alignment. The touchscreen HMI and PLC control system help operators make accurate adjustments for consistent straightening results.

Q2. What are the specific usage areas for this machine?

A. It is suitable for fabrication workshops, automotive body plants, appliance manufacturing units and other industrial sheet-processing applications. It handles 0.5 mm to 5 mm thick sheets up to 1300 mm wide.

Q3. Where can I receive technical support?

A. On-site and online technical support can be provided across India for maintenance, operation and troubleshooting, subject to the supplier or manufacturer's service terms.

Q4. How are the rollers adjusted?

A. Roller settings can be finely adjusted using digital dial indicators. The operator can set the rollers according to the material and sheet thickness, with machine controls available through the touchscreen HMI.

Q5. When can the machine be shipped and delivered?

A. Quick dispatch and FOB shipping arrangements are available. Actual delivery time depends on production status, order specifications, destination and shipping conditions.

Q6. What safety and maintenance features are included?

A. The machine includes overload protection, safety sensors and protective guards. Accessible service points and an automatic centralized lubrication system help simplify routine maintenance.

Note: Specifications and performance may vary depending on material grade, sheet thickness, width, operating conditions and final machine configuration.