



**SMARTTECH**  
CNC Machinery & Tooling System

# Rolling Bending Process

A series of Metal Forming Machines for sheet metal and tube



SMART TECH INDUSTRY  
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## AHS

### 4-Roll Plate Roll

- AHS (Advanced Hydraulic System)
- Bending capacity: up to 200 mm (8") thickness
- Maximum width: 12 meters (40 feet)
- Designed for high-strength applications
- Reliable performance under heavy pressures and loads



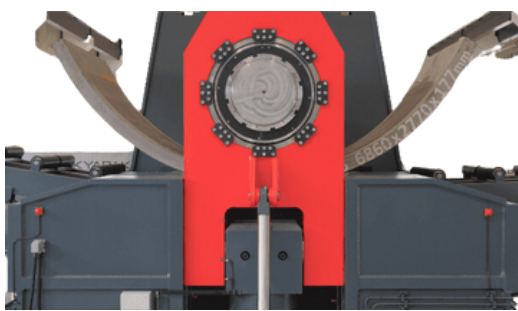
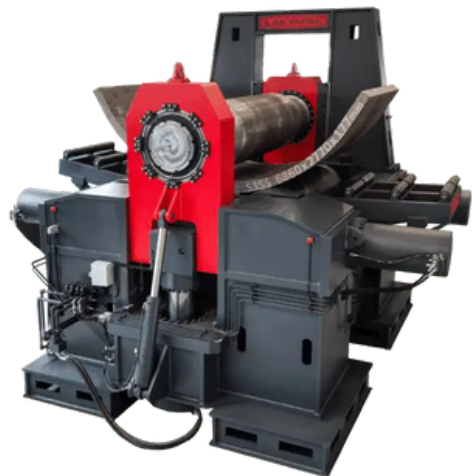
- AHK (Advanced Hydraulic Kneading system)
- Metal thickness: from 2 mm (14 gauge) to 200 mm (8 inches)
- Metal sheet width: from 500 mm (20 inches) to 12 meters (40 feet)
- Ideal for heavy-duty projects requiring power and precision
- Exceptional adaptability for thick metal manipulation



## AHV

### 3-Roll Variable Geometry Plate Roll

- AHV (Advanced Hydraulic Vertical system)
- Versatile in handling thick metals
- Asymmetrical roll positioning for precise rolling and minimal flat ends
- Symmetrical roll positioning for maximum thickness rolling
- Flexible and reliable for various manufacturing needs



# APK

3-Roll Plate Roll - Heavy Series

- APK Heavy-Series
- Designed for high-capacity bending operations
- 3-roll drive system prevents material slippage
- Ensures smooth operations and enhances project efficiency

## Highlighted Features

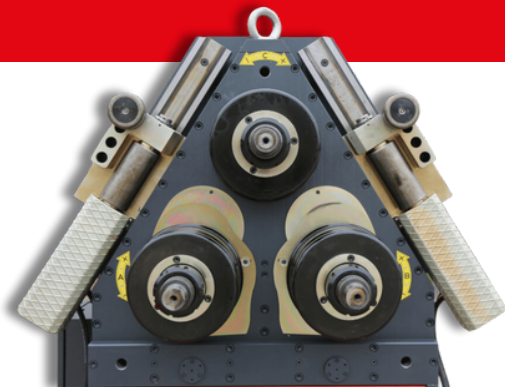
- High-capacity bending with durable 3-roll driven design
- Practical, universal rolls for bending various profiles
- Different set moulds for pipes, profiles, and angles
- Robust body structure reduces bending stress, ensuring safer operation and longer machine life
- Hydraulic guide rolls with three-directional movement for precise bending and minimal deformation



# APK

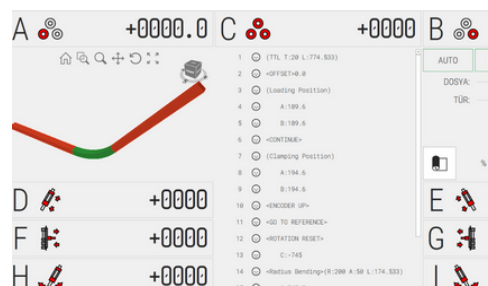
3-Roll Plate Roll - Medium Series

- APK Medium-Series
- Designed for mid-range bending operations
- 3-roll drive system prevents material slippage
- Ensures smooth operations and boosts project efficiency



## Highlighted Features

- High-capacity bending with durable 3-roll driven design
- Practical, universal rolls for bending various profiles
- Different set moulds for pipes, profiles, and angles
- Hydraulic side supports move in three directions to minimize deformation
- Advanced software reduces operator input, enhancing safety and efficiency





# Compny Profile

## short view



SMART TECH INDUSTRY is a leading provider specializing in industrial solutions, offering a wide range of cutting-edge offerings in machine tools, metal processing, sheet metal fabrication, CAD/CAM software, and other advanced industrial equipment.

Our mission is to deliver high-quality turnkey technological solutions, with a focus on precise process selection, technological innovation, equipment reliability, and top-notch pre- and post-sales customer service.



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# SMART TECH INDUSTRY

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