



# Asnkar

Steel Structure and General Trading







# Long Lasting Structure



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# Machines and Products



# 1. Press Brake Machines



## Overview

Press Brake Machines are designed to precisely bend sheet metal to create custom shapes and angles. Press brake machines create steel shapes like angles (L-shapes), channels (C-shapes), Z-shapes, boxes, and hat channels, tailored for structural and industrial needs. They achieve precision bends for diverse applications.



## Key Specifications

**Dimensions:** 12mm x 3m, 16mm x 6m, and 16mm x 12m models.

**Weight:** Varies by model, typically in the range of several tons for stability during heavy-duty operations.

**Capacity/Output:** High precision bending with thickness capacity up to 16mm and length up to 12 meters, adaptable to various metals and thickness levels.



## Features and Benefits

- **Durability:** Constructed with high-quality steel frames that withstand high pressure and wear, ensuring longevity even in heavy-duty applications.
- **Energy Efficiency:** Hydraulic systems are designed for efficient energy consumption, reducing operating costs over time.
- **Ease of Maintenance:** Built-in diagnostics and accessible components streamline maintenance, minimizing downtime and repair costs.
- **Precision Control:** Equipped with CNC or NC controls, these machines allow precise adjustments, ensuring accuracy in complex bending applications.
- **Versatility:** Suitable for a wide range of materials and thicknesses, enabling versatility across different metalworking projects.





## Press Brake Machines



### ■ Press Brake bending 12mmx3m

Working Width	3100 mm
Max. Thickness	12 mm
(LxWxH)	3500x1900x2550



### ■ Press Brake 16mmx12m

Working Width	
Max. Thickness	16 mm
(LxWxH)	12000x4330x2550



### ■ Press Brake 16mmx6m

Working Width	3100 mm
Max. Thickness	12 mm
(LxWxH)	3500x1900x2550



## 2. Shear Press Machines



### Overview

Shear press machines are designed for precise cutting and shaping of metal sheets by applying high shear force. These machines are commonly used in metalworking and fabrication industries to create clean, straight cuts.



### Main Function

The primary function of a shear press machine is to cut metal sheets to specified sizes with high accuracy and efficiency. It is ideal for industries requiring mass production of metal components with consistent quality.



### Key Specifications

- **Dimensions:** Specific dimensions vary by model, typically around 20mm thickness with cutting lengths up to 6 meters.
- **Weight:** The machine's weight depends on the specific model and its capacity, generally in the heavy industrial range.
- **Power Source:** Operates on a hydraulic power system, providing the required force for effective shearing.
- **Capacity/Output:** Suitable for cutting metal sheets up to 20mm in thickness and 6 meters in length, depending on the specific model.



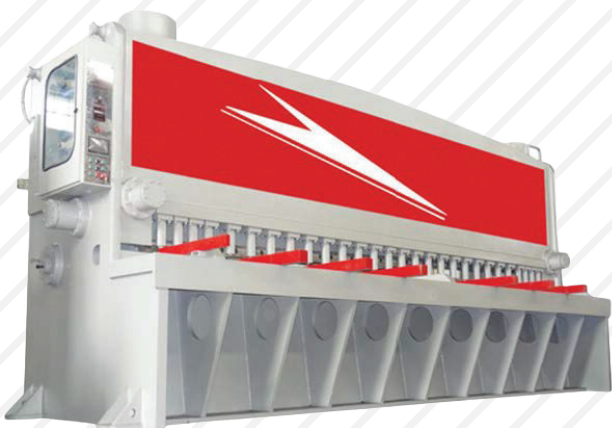


## Shear Press Machines



### Shear press Machine

Working Width	3060 mm
Max. Thickness	16 mm
(LxWxH)	4000x2800x2500



### Shear press Machine 20mmx6m

Working Width	6010 mm
Max. Thickness	20 mm
(LxWxH)	4000x2800x2500



## 3. Hydraulic Press Machine



### Overview

The Hydraulic Press Machine is designed to exert high-pressure force on a variety of materials, making it ideal for forming, shaping, bending, and compressing metal and other materials with precision.



### Key Specifications

- **Dimensions:** 2000mm (H) x 1500mm (W) x 1000mm (D) (sample size).
- **Weight:** 3000 kg.
- **Capacity/Output:** 300 tons of pressing force.

## 4. Bending Machines



### Overview

Bending machines are designed to shape metal sheets or bars by applying force, creating precise angles and curves essential in manufacturing, construction, and metalworking industries. Supports a variety of metals and bending angles, making it adaptable to multiple applications across industries.



### Key Specifications

- **Dimensions:** Varies based on model; common sizes include lengths such as 12mm x 3m.
- **Weight:** Depends on the specific model and configuration.
- **Capacity/Output:** Typically, the machine can handle different thicknesses and lengths of metal, with bending capacities ranging up to specified tons, like 300 tons, depending on the model.





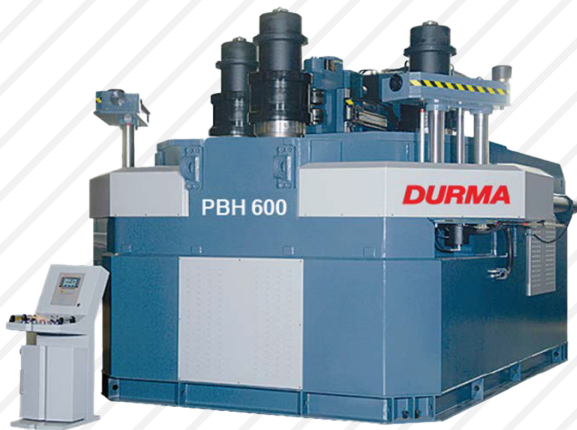
## Hydraulic Press Machine



### Hydraulic Press Machine 300 ton

Working Width	1990 mm
Working Hight	800 mm
(LxWxH)	4500x3500x3000

## Bending Machines



### Bending Machine

Max. Thickness	25 mm
Min. Diameter	400 mm
(LxWxH)	3850x3100x2800



### Bending Machine Karbend (BB 114)



## 5. Rolling machines



### Overview

Rolling machines are industrial equipment designed to shape or bend materials (typically metal, sheet, or plate) into curved forms, such as cylinders, arcs, or other custom shapes. These machines are essential in metalworking, manufacturing, and construction industries for producing products like pipes, tanks, and structural components.



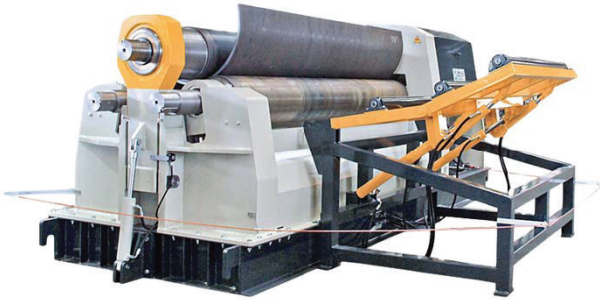
### Key Specifications

- **Dimensions:**  
Vary depending on model and capacity (Example: 2m x 3m x 1.5m for large industrial models).
- **Weight:**  
Approx. 3,000 kg (varies with model size and type).
- **Capacity/Output:**  
Capacity typically ranges from 6 mm to 100 mm in thickness of sheet metal or plates. Output can vary from 50 to 300 tons of bending force, depending on the machine's size and purpose.





## Rolling machines



### ■ Plate rolling machine 40mmx3m

Working Width	3100 mm
Max. Thickness	40 mm
Min. Diameter	400 mm
(LxWxH)	5850x2300x2350



### ■ Plate rolling machine 16mmx3m

Working Width	3100 mm
Max. Thickness	16 mm
Min. Diameter	400 mm
(LxWxH)	5350x1800x1950



### ■ Plate rolling machine 35mmx3m

Working Width	3100 mm
Max. Thickness	25 mm
Min. Diameter	400 mm
(LxWxH)	6000x2100x1900



## 6. Cutting and Saw Machines



### Overview

Cutting and saw machines are essential tools in various industries, designed to perform precise cutting, sawing, and trimming of materials like metal. These machines are available in various sizes and configurations to meet specific operational needs.



### Key Specifications

- **Dimensions:**  
Varies by model (e.g., 1500mm x 800mm x 1200mm).
- **Weight:**  
200 kg – 500 kg (depending on machine size and design).
- **Capacity/Output:**  
Cutting speeds of up to 120 meters per minute, material thickness up to 100mm.





## Cutting and Saw Machines



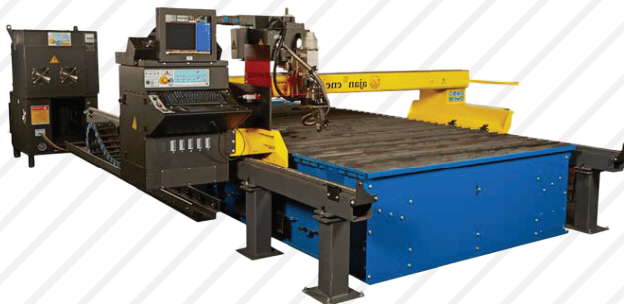
### ■ NC Automatic Mitre Cutting Bandsaw

Capacity	800x920 mm
Max. Thickness	800 mm
(LxWxH)	3970x1380x2660



### ■ CNC Plazma (18000)

Max. Diameter Arm	60 mm
Working Thickness	80 mm
(LxWxH)	18000x3000x2000



### ■ CNC Plazma (12000)

Max. Diameter Arm	60 mm
Working Thickness	80 mm
(LxWxH)	12000x3000x2000





# **Elevating Construction Standards**





ASIN





## 7. Punching Machine



### Overview

Punching machines are designed for high-speed metal punching, used in industries like construction, and manufacturing. They can perforate, shape, and trim metal sheets.



### Key Specifications

- **Dimensions:** Varies by model (typically ranges from compact tabletop to large industrial machines)
- **Weight:** Ranges from 300 kg to 5000 kg depending on machine size and capability
- **Capacity/Output:** Punching capacity up to 1000 holes/min; material thickness from 0.5mm to 10mm (depending on machine size and tooling)

## 8. Profiling and Forming Machines



### Overview

Profiling and forming machines are specialized equipment used to shape materials (typically metal or composite) into desired profiles or forms, often used in industries such as manufacturing, construction.



### Key Specifications

- **Dimensions:** Varies depending on the model; typically compact for efficient workspace use.
- **Weight:** Ranges from 500 kg to several tons based on machine size and type.
- **Capacity/Output:** Can handle production rates from 100 to 500 meters per hour, depending on material type and machine speed.



## Punching Machine



### Punching Machine

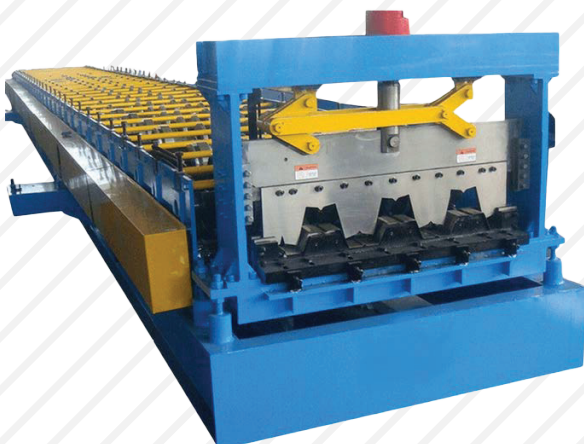
Capacity	100
Stroke	110 - 80
(LxWxH)	2540x1100x2280

## Profiling and Forming Machines



### CZ Purlin Machine (profile drawing with various size ranges)

**Size range (Width):** 100-300 mm  
**Flange:** 40-100 mm  
**Lip:** 10-25 mm  
**Normal Thickness:** 1-4 mm Q235  
**Normal Punching hole size:**  
 as customers drawing  
**Red circle** can be both 45 and 90



### Deck Roll Forming Machine XN 75-915 floor deck roll form



## 9. Rebar Processing Machines



### Overview

Rebar processing machines are specialized equipment used to cut, bend, and shape steel rebars for use in construction projects.

**Main Function:** These machines are designed to automate the processing of steel rebar, increasing efficiency and precision in construction tasks such as reinforcing concrete.



### Key Specifications

- **Dimensions:** Varies by model, typically ranging from compact units for small-scale operations to larger systems for industrial use.
- **Weight:** Generally between 500kg to several tons depending on the model and capacity.
- **Capacity/Output:** Can process up to 25 tons of rebar per day, with varying bending and cutting capacities depending on the machine model.

## 10. Threading Machines



### Overview

Threading machines are industrial tools used to create threads on metal, ensuring precise and uniform threading for various applications.



### Key Specifications

- **Dimension:** Varies by model (typically 1200mm x 800mm x 1500mm)
- **Weight:** Around 500-1000kg
- **Power Source:** Electric or hydraulic
- **Capacity/Output:** Up to 50 threads per minute (depending on the machine model)





## Rebar Processing Machines



### Rebar Bending Machine

Paddinghaus	55 / KA / PA / PLA
Max. Diameter	55 mm
(LxWxH)	1200x1100x800



### Rebar Cutting Machine

Max. Diameter Arm	60 mm
(LxWxH)	750x1200x195

## Threading Machines



### Threading Machine

Max. Diameter	75 mm
(LxWxH)	1200x900x1100



### Threading Machine 12mm-75mm

Able to thread bolts with 8-16mm diameter (equal to 5/16 - 5/8 inches). The thread length is adjustable to a 5mm minimum and 600mm maximum.



### Threading Machine 12mm-75mm

Available in two 20-36 models (ability to mill construction bolts with 14 thru 36mm diameter) and 20-50 model (ability to mill construction bolts with 14 thru 50 mm diame-



## 11. Beveling Machines



### Overview

Beveling machines are used to smooth or round the edges of materials like metal. They are ideal for industrial applications that require precise edge finishing.



### Key Specifications

- **Dimensions:** Vary by model (typically compact for ease of use)
- **Weight:** Generally, ranges from 20 kg to 150 kg, depending on the size
- **Capacity/Output:** Bevel angle adjustment typically between 15° and 45°, with varying speed settings depending on material type

## 12. Lathe Machines



### Overview

Lathe machines are versatile tools used for shaping and machining metal, or other materials by rotating the workpiece against a cutting tool.



### Key Specifications

- **Dimensions:** Varies by model (e.g., 2000mm x 1500mm x 1500mm)
- **Weight:** Typically ranges from 1000kg to 5000kg
- **Power Source:** Electric (typically 220V or 380V)
- **Capacity/Output:** Maximum workpiece length and diameter vary, typically 1000mm to 4000mm in length and up to 600mm in diameter.



## Bevelling Machines



### Bevelling Machine UZ50

Table size	700x200 mm
Working height	914 mm
Weight (without machine)	30 kg
Smallest possible size workpiece	200x100x7 mm
Bevel angle	20°-60° infinitely variable



### Bevelling Machine B60/B60S

Max. Bevel width	22 mm (45°)
Bevel angle	0°-60°
Length x Width	415 x 375 mm
Height	268 mm
Weight	24.5 kg

## Lathe Machines



### Lathe Machine C11MT

Chuck Diameter	300 mm
Turning Length	1500 mm
Turning Diameter	600 mm



## 13. Milling Machines



### Overview

Milling machines are versatile tools used for shaping and cutting materials, primarily metals. They employ rotating cutting tools to remove material from the workpiece, producing precise shapes and finishes.



### Key Specifications

- **Dimensions:** Varies by model; typically ranges from compact benchtop machines to large industrial models.
- **Weight:** Between 500kg to 15,000kg, depending on the size and capacity.
- **Capacity/Output:** Milling machines can handle workpieces of various sizes, with spindle speeds typically ranging from 100 to 5,000 RPM, depending on the model.
- **Precision:** High-precision tools ensure fine tolerances and smooth finishes for complex parts.

## 14. Drilling Machines



### Overview

Drilling machines are essential equipment used in various industries for creating precise holes in different materials, such as metal.



### Key Specifications

- **Dimensions:** Varies by model, typically ranging from compact benchtop designs to large floor-standing units.
- **Weight:** Typically ranges from 50 kg for smaller models to over 500 kg for industrial machines.
- **Capacity/Output:** Capable of drilling holes ranging from small diameters (1mm) to larger ones (over 100mm) depending on the machine's power and design.
- **Precision:** Offers high accuracy for intricate drilling applications.



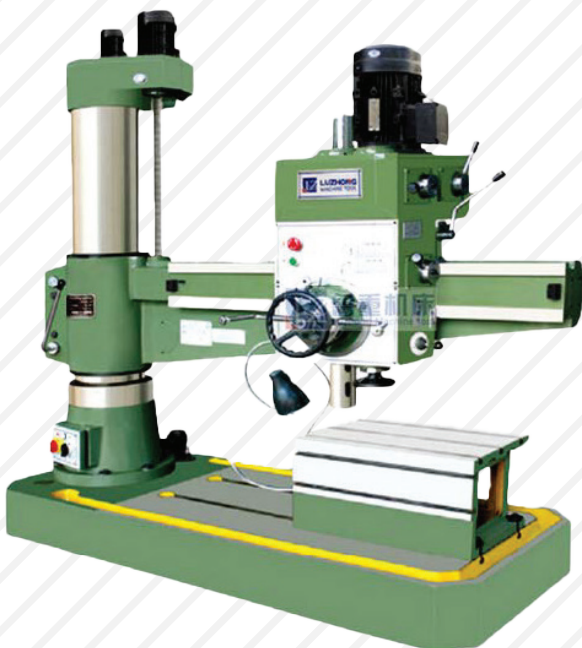


## Milling Machines



### Milling Machine FU321M

## Drilling Machines



### Hydraulic Horizontal Radial Arm Drilling Machine ZIJ Z3050\*16

Drilling Capacity	50 mm
Max. Travel of Spindle	315 mm
Max. Distance base to Spindle	320-1220 mm
Spindle Travel	200x100x7 mm
Number of Feed	16
Range of Feed	0.04-3.2 mm/r
Elevating Speed	1.2 m/min
Angle of Arm rotation	360°
Max. Torque of Spindle	400 N.m
Max. Feed Load	16000 N
Weight	3500 kg
Overall Dimensions (LxWxH)	2500x1070x2840 mm



## 15. H-Beam Machines



### Overview

H-Beam machines are used for the fabrication and production of H-beams, which are essential structural elements in construction and manufacturing.



### Key Specifications

- **Dimension:** Varies by model, typically compact for space efficiency
- **Weight:** Ranges from 2,000 kg to 10,000 kg depending on size
- **Capacity/Output:** Can process up to 100 tons per day
- **Precision:** High accuracy in beam formation for consistent quality

## 16. Welding Machines



### Overview

Welding machines are essential tools used to join materials, typically metals, by applying heat, pressure, or both. They are used in a variety of industries, including construction, and manufacturing.

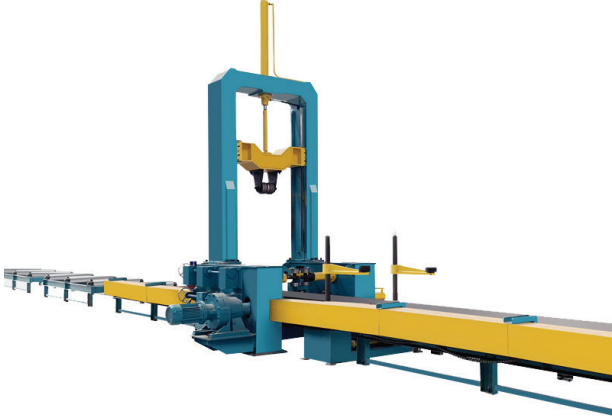


### Key Specifications

- **Dimension:** Varies by model, typically between 18-30 inches in length.
- **Weight:** Typically ranges from 15 kg to 80 kg depending on power capacity.
- **Capacity/Output:** Output varies from 100A to 500A, depending on the machine's size and application.



## H-Beam Machines



■ **H-Beam Assembly Machine**  
(KHBA 1500)



■ **H-Straightening Machine**  
(KHB 800)

## Welding Machines



■ **Gantry Welding Machine**  
Submerged welding (KAW.TB)



■ **Cantilever Welding Machine**  
Submerged welding



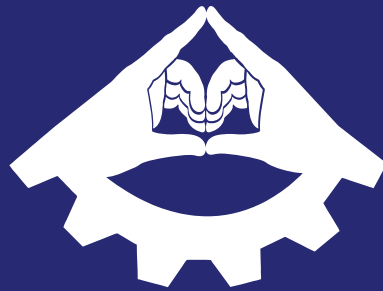
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