

**SZGH**



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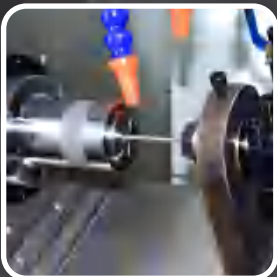
# CNC MACHINE TOOL CATALOG

Manufacturing Automation Upgrade Expert for Small and Medium Enterprises



SZGH

SZGH-25  
Small CNC lathe



-   
High efficiency
-   
High precision
-   
High stability

Scope of Application

Suitable for processing of bar material within 25mm and pellet material within 50mm.

Product Description

It is suitable for batch production of copper, iron, aluminum and stainless steel bars within 25mm, and batch production of open-type forged parts with automatic feeding of pellets within 50mm. It can also be equipped with hydraulic chucks for single-piece production of parts within 250mm. Using multiple patented technologies such as high rigidity and anti-deformation structure, it is suitable for processing products with a single-side cutting amount within 2mm, precision tolerance within  $\pm 0.01\text{mm}$ , and smoothness within 1.6. It is widely used in the upgrading of hard rail CNC lathes and hydraulic automatic lathes to realize automatic production and to save labor costs and improve product quality.

Product Features

1. Using Anti-deformation patented heavy-duty base, it is heavy enough to support fast the high-speed and stable movement of the driving head.
2. The weight is enough to support the anti-vibration and improve the accuracy and smoothness during bar machining.
3. The key components adopt high-quality wear-resistant configurations such as Taiwan, and the spindle installation is all dynamically balanced.
4. Adopting SZGH electric control package to make electromechanical cooperation play the best efficiency.

Technical Parameters

| Project             |                                           | Unit | Standard value | Max value |
|---------------------|-------------------------------------------|------|----------------|-----------|
| Processing Capacity | Max. Bar Thru-hole Dia. (Collet)          | mm   | 25             | 26        |
|                     | Max. Single-Piece Billet Diameter (Chuck) | mm   | 200            | 300       |
|                     | Max. length of workpiece                  | mm   | 150            |           |







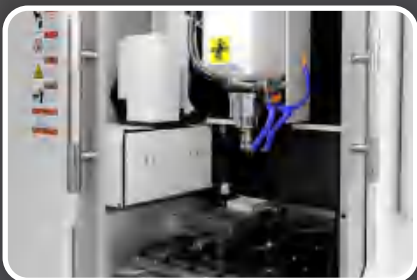




SZGH

SZGH-540D

CNC milling machine



High efficiency



High precision



High stability

Scope of Application

Suitable for 8-station processing of copper, iron, aluminum and stainless steel workpiece within 500mmX400mm, and stainless steel parts processing within 8mm tapping and 10mm drilling.

Product Description

It is suitable for 8-station processing of copper, iron, aluminum and stainless steel workpieces within 500mmx400mm. The operation is compatible with the general machining center in the market, and supports drilling, tapping, milling, engraving and other functions.Using multiple patented technologies such as high rigidity and anti-deformation structure, it is suitable for processing stainless steel parts with tapping within 8mm and drilling within 10mm. Due to the small footprint, it is convenient for one person to manage multiple machines, improve per capita output efficiency and reduce processing costs.

Product Features

1. Using Anti-deformation patented heavy-duty base, it is heavy enough to support fast the high-speed and stable movement of the driving head.
2. The weight is enough to support the anti-vibration and improve the accuracy and smoothness during bar machining.
3. The key components adopt high-quality wear-resistant configurations such as Taiwan, and the spindle installation is all dynamically balanced.
4. Adopting SZGH electric control package to make electromechanical cooperation play the best efficiency.

Technical Parameters

| Project |  | Unit | Standard value | Max value |
|---------|--|------|----------------|-----------|
|         |  |      |                |           |



















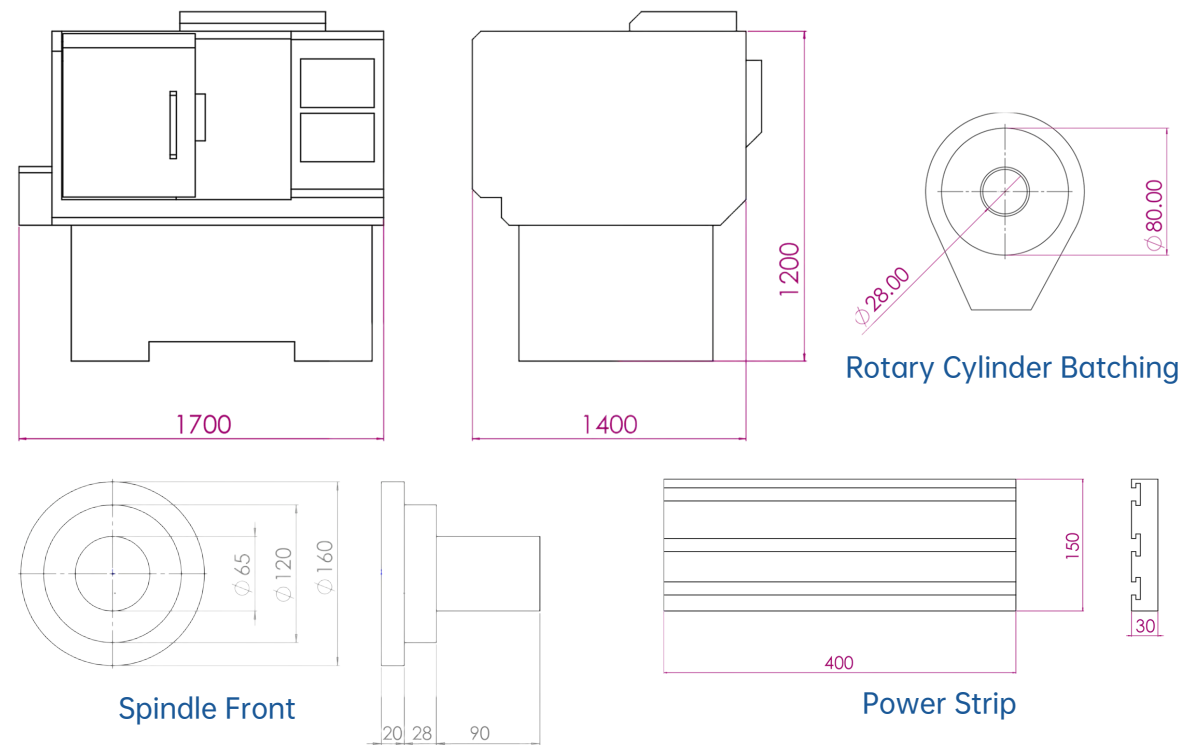




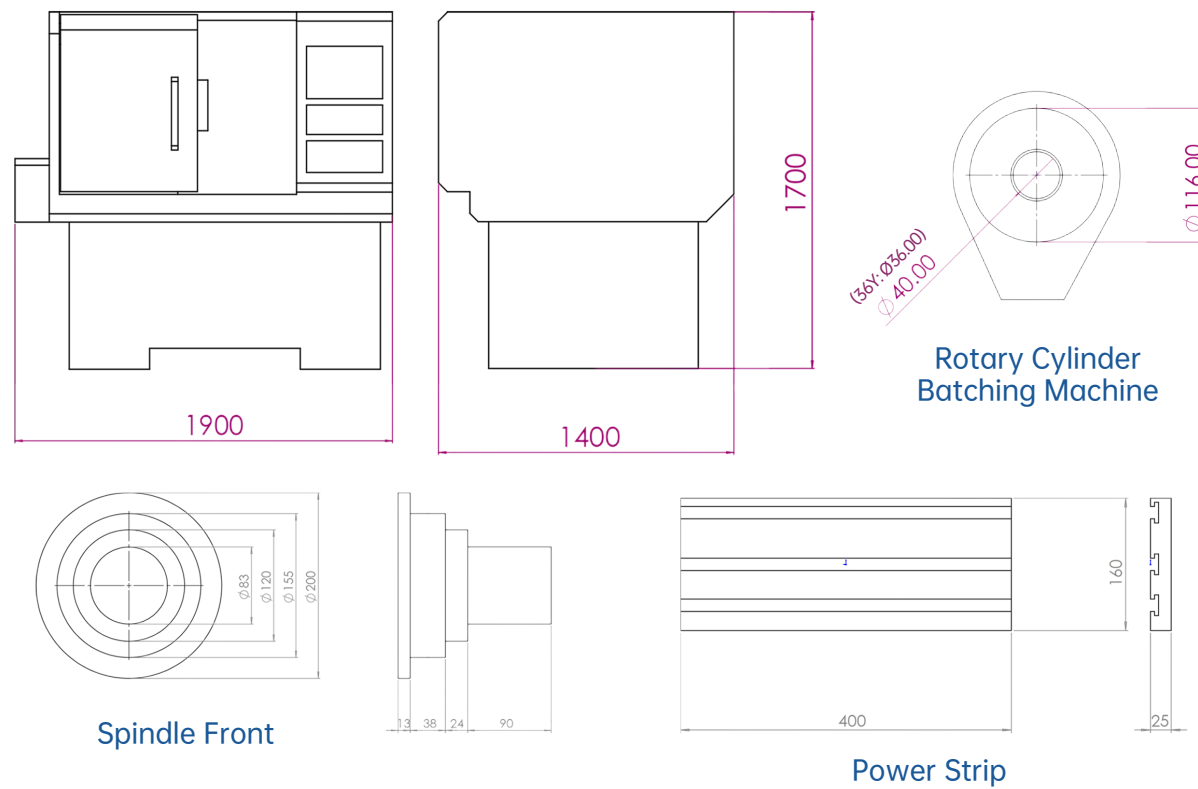


## ■ Dimensional Drawing of Lathe

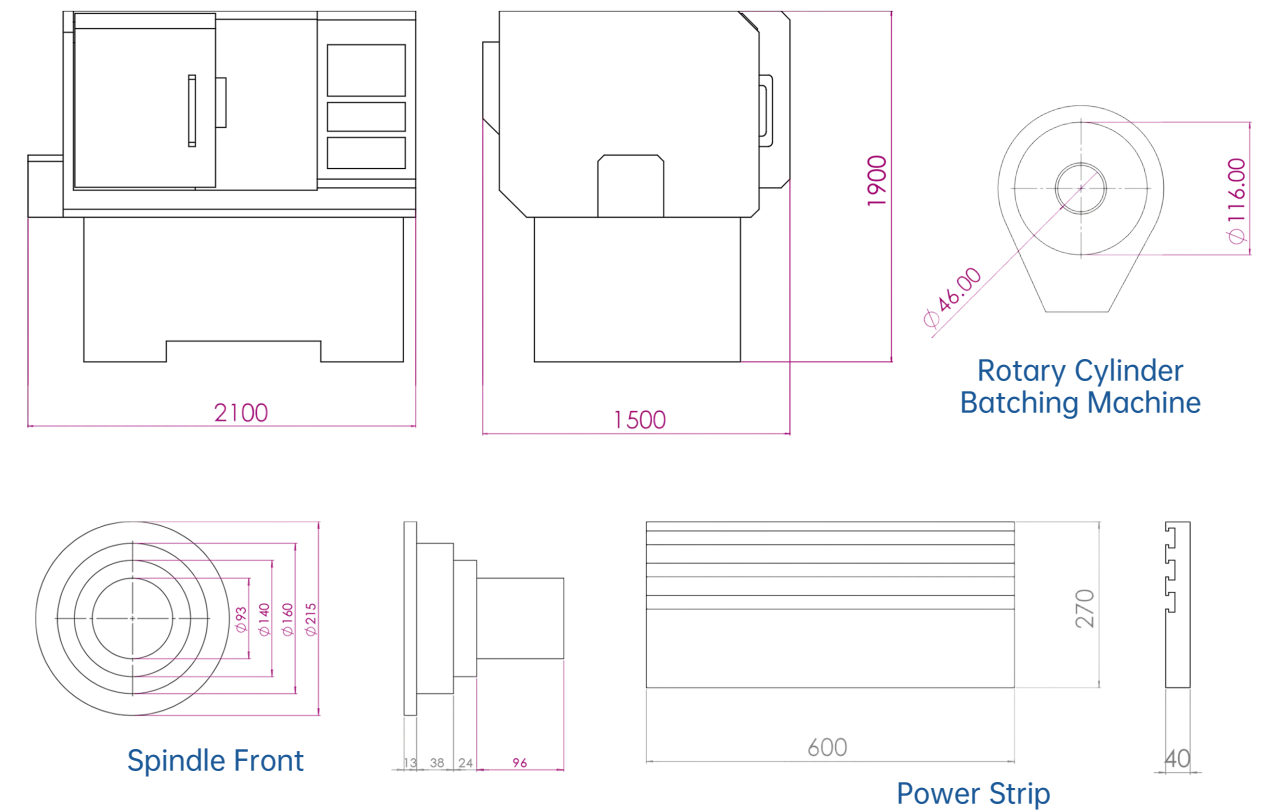
SZGH-25J



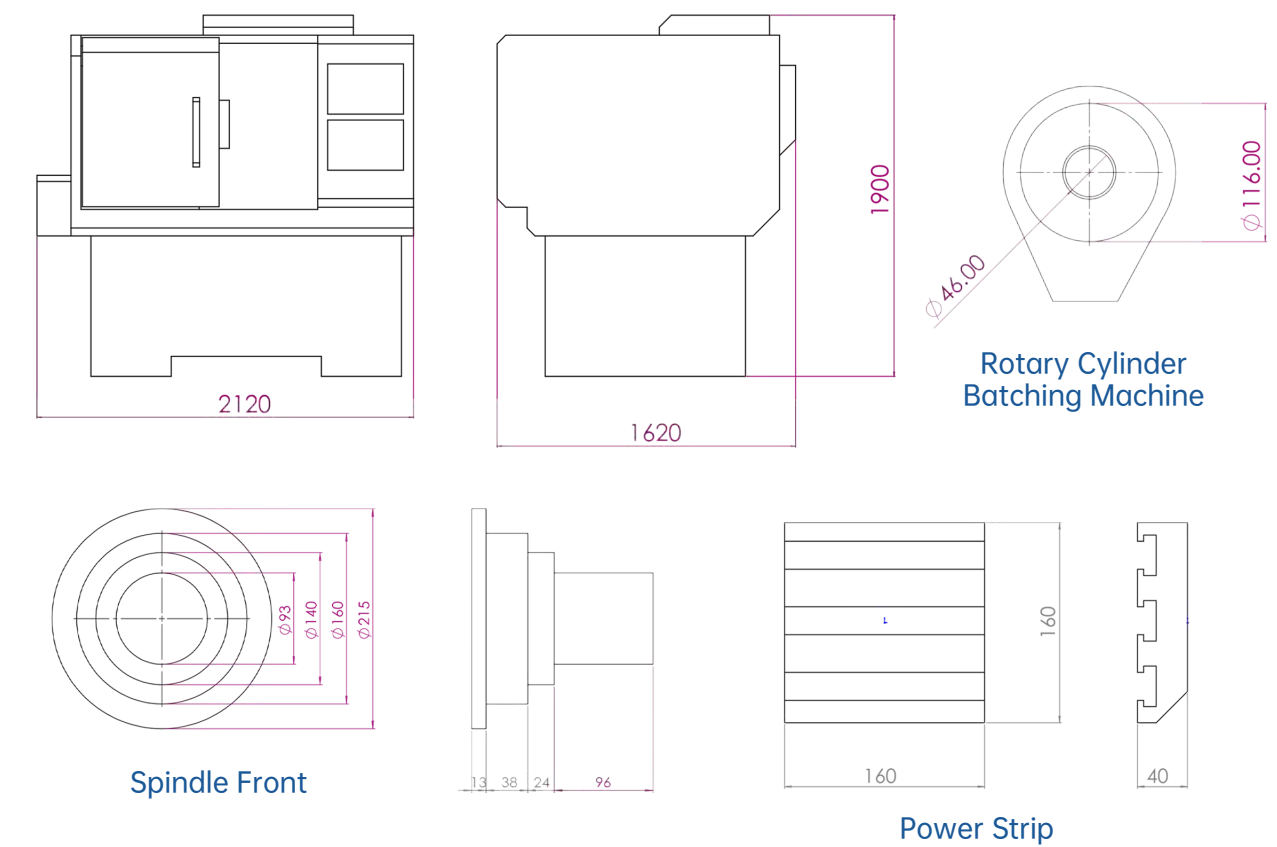
SZGH-36J/36Y



SZGH-46J

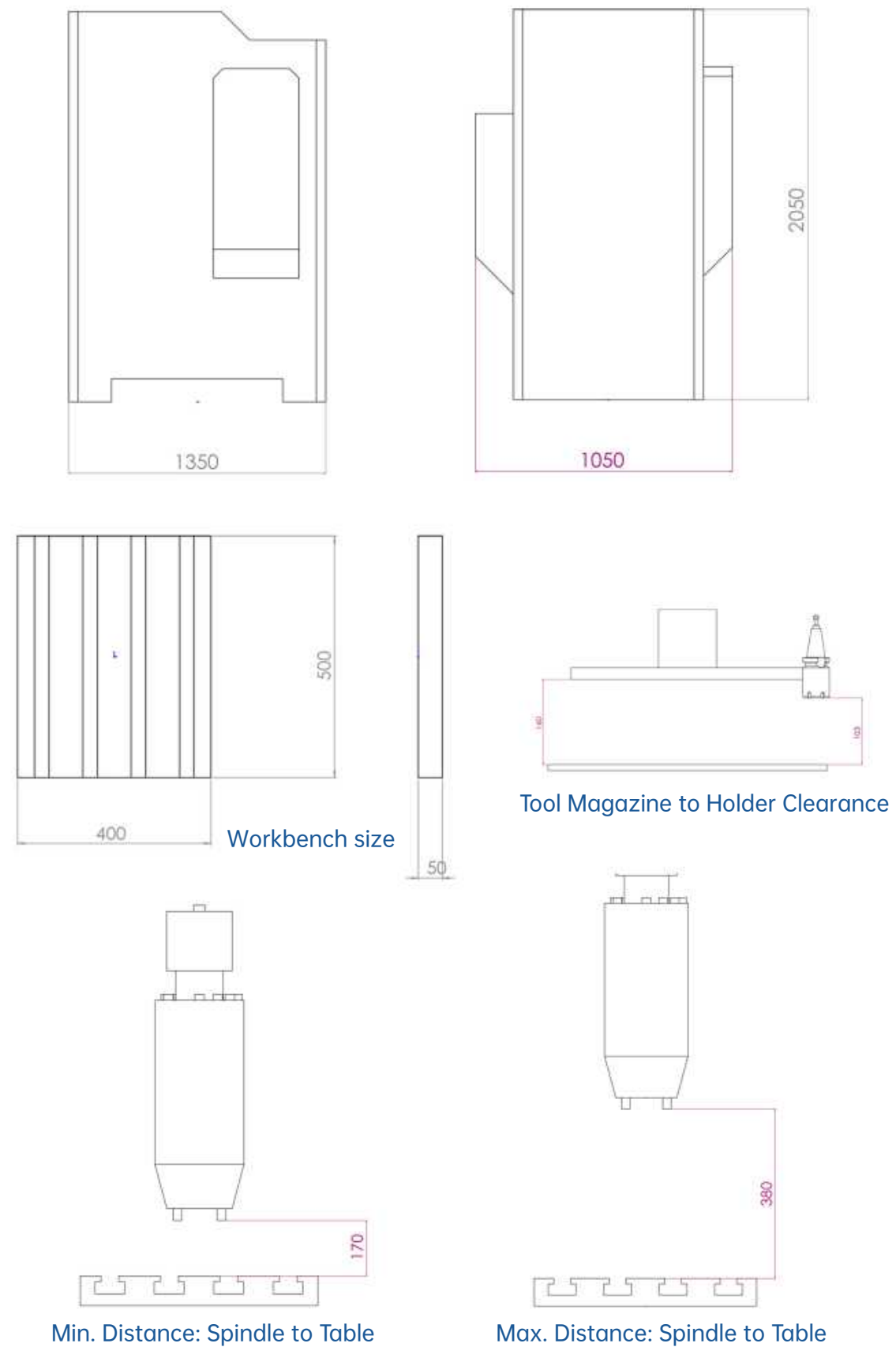


SZGH-46Y



## ■ Dimensional Drawing of Milling

SZGH-540



SZGH-650

