

#AcmeSpecialProject

# SEGMENT MOULD

And Other Construction Processing Equipment



**ACME EQUIPMENT**

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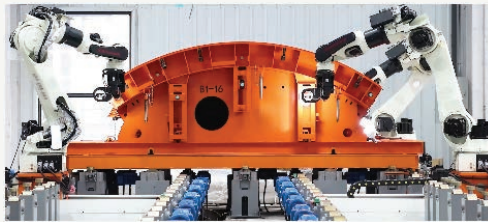


Segment mould diameter available from 2.6m to 22.6m



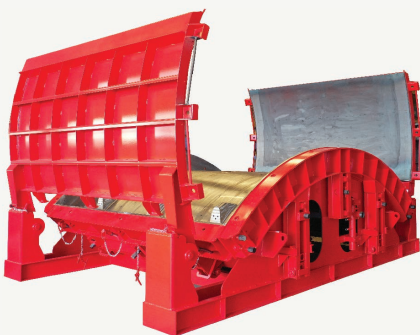
### Segment Mould

- High precision machining
- No deformation in continuous production
- Compact concreting with built-in vibrator
- Anti-leakage with embedded seal



### Segment Carousel

- High degree automation
- Labour saving
- Stable quality output
- High production Efficiency



### Wind Turbine Concrete Tower Mould

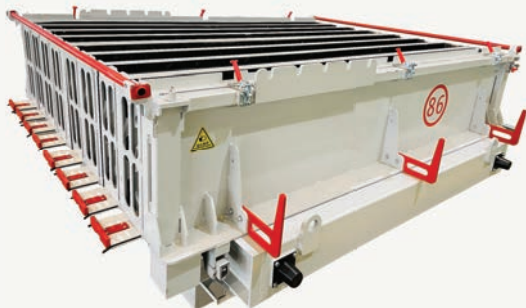
- Latest industry trend
- Larger size
- Unique structural design
- Vertical & horizontal model



**Prefabricated Metro Station Component Mould**



**Invert Segment Mould**



**Lightweight Wall Panel**



**Box Culvert Mould**



## VA4 New Vertical Machining Center (VMC)

- VA4 is a new vertical machining center with high speed, high precision and high productivity and can be used to process all kinds of precision parts.
- The separate structure of BBT40 spindle and ATC tool store allows full use of the spacious machining debugging area. High speed, high-precision spindle, with the fast movement of the control shaft, high-speed tool changer, improve the processing efficiency and quality of the product.
- Equipped with CNC rotary table, it can simultaneously carry out 4-axis contour control machining.



## High Power Fiber Laser Cutting Machine

- As a high-end metal processing equipment with CNC program, it can be used to cut stainless steel, carbon steel, aluminium, brass, copper, and other materials.
- It can realise high-precision cutting and meet the needs of large parts processing.
- It adopts Germany laser cutting head with automatic focusing function, APP real-time monitoring, coaxial blowing auxiliary gas cutting, to ensure cutting quality.

Effective Size of Processing Area : **13.1 m \* 3.25 m**

Positioning Accuracy : **0.03 mm/m**

Repeated Positioning Accuracy : **0.02 mm**

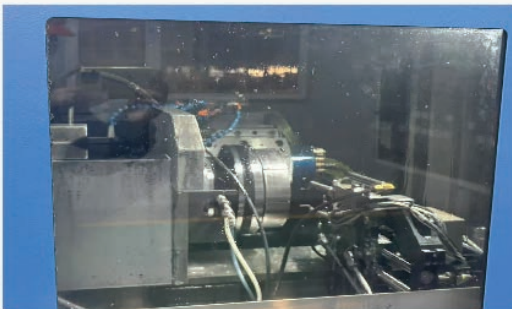
Maximum Positioning Speed : **160 m/min in**



## CNC Internal Grinder

- Through changing different specifications of grinding wheels and adjustments in its CNC program, it can adapt to the internal hole grinding needs of different shapes, sizes, and materials.
- With precise mechanical structure and advanced CNC control system, it can achieve high precision inner hole grinding. Machining accuracy can reach micron level.

Maximum Grinding Diameter : **200 mm**  
Maximum Grinding Depth : **150 mm**  
Maximum Rotating Diameter : **300 mm**



## CNC External Cylindrical Grinding Machine

- The diameter of the grinding wheel is large, equipped with 7.5 kW high-power grinding wheel motor, which can carry out high-precision grinding and heavy load grinding, and achieve good processing accuracy and surface quality while ensuring processing efficiency

Maximum Grinding Diameter : **280 mm**  
Maximum Grinding Length : **500 mm**  
Maximum Rotating Diameter : **300 mm**



Flame Cutting Machine



Double Column Vertical Lathe



Gantry Machining Center



CNC Lathing



**Four-roll Plate Bending Machine**



**Auto-welding Robot Arm**



**Intelligent Mini Warehouse**



**Trilinear Coordinates Measuring Instrument**