



**ENGINEERING AND
TECHNOLOGY, INC.**



Advanced CNC Equipment for Metal Forming Technology

Heavy-Duty Necking Machine

Model MJC OSC 24.300





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MJC Design Features and Benefits

Revolutionary Design

- Increased Feed Rate
- Better Balance in Forming Forces
- Faster Cycle Times

Better Parts Faster

Proven Design

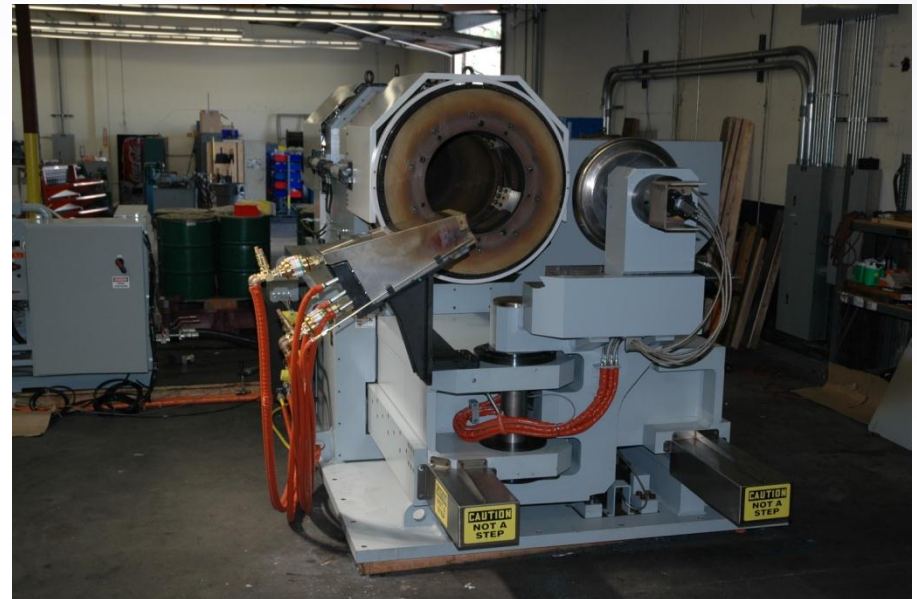
Economics

Rugged Construction

- Massive Main Components
- Oversized Slide Bearings
- Extremely Rigid Forming Slide Units

Trouble-free Operation

- Quick Tooling Changeovers
- Low Maintenance
- Simple Diagnostics





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OSC 24.300 Technical Specifications

Work piece dimensions:

Work piece Diameter

Range of length

Wall thickness Capacity

min. 300 mm/ max. 610 mm
min. 2,500 mm – max. 12,000mm
Max. 45mm

Machine Data:

- Max. Part Diameter: 610mm
- Longitudinal Stroke “Z”-axis: 762mm
- Longitudinal Thrust: 444Kn
- Longitudinal Speed: 0 – 75mm/sec.
- Rotation Travel: 90 degrees
- Rotation Force: 136,000 Nm
- Rotation Speed: 0 – 30 degrees/sec.
- Hydraulic Power Unit: 160Kw
- Combined Clamping Force: 1560Kn
- AC Vector Spindle Motor: 225Kw
- Spindle Speed Range: 20-200 RPM
- Slide Lubrication Method: Automatic
- Hydraulic Oil/Air Cooling System: Automatic



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OSC 24.300 Machine in operation.



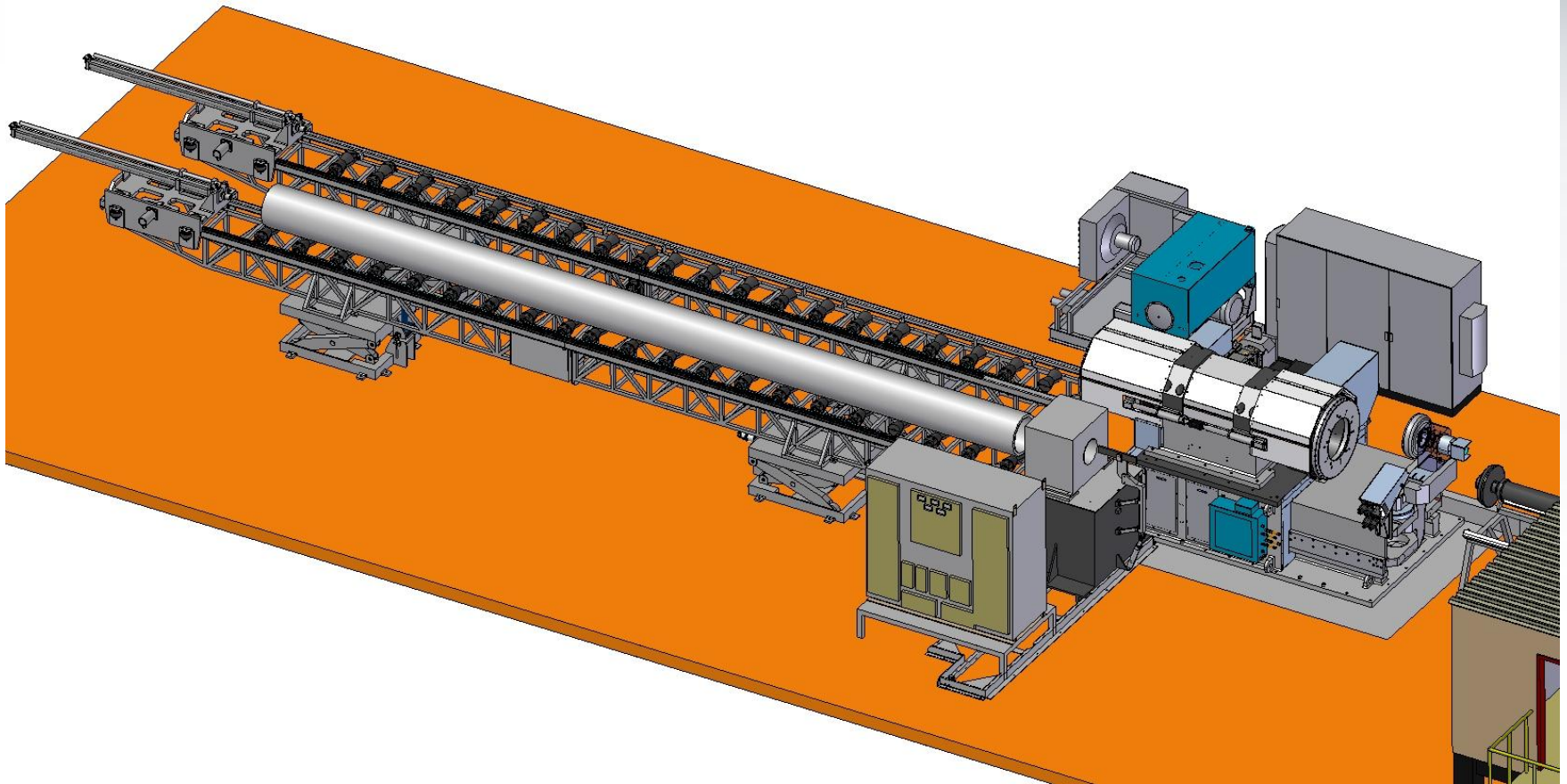


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Machine Layout and Process sequence:

Step 1:



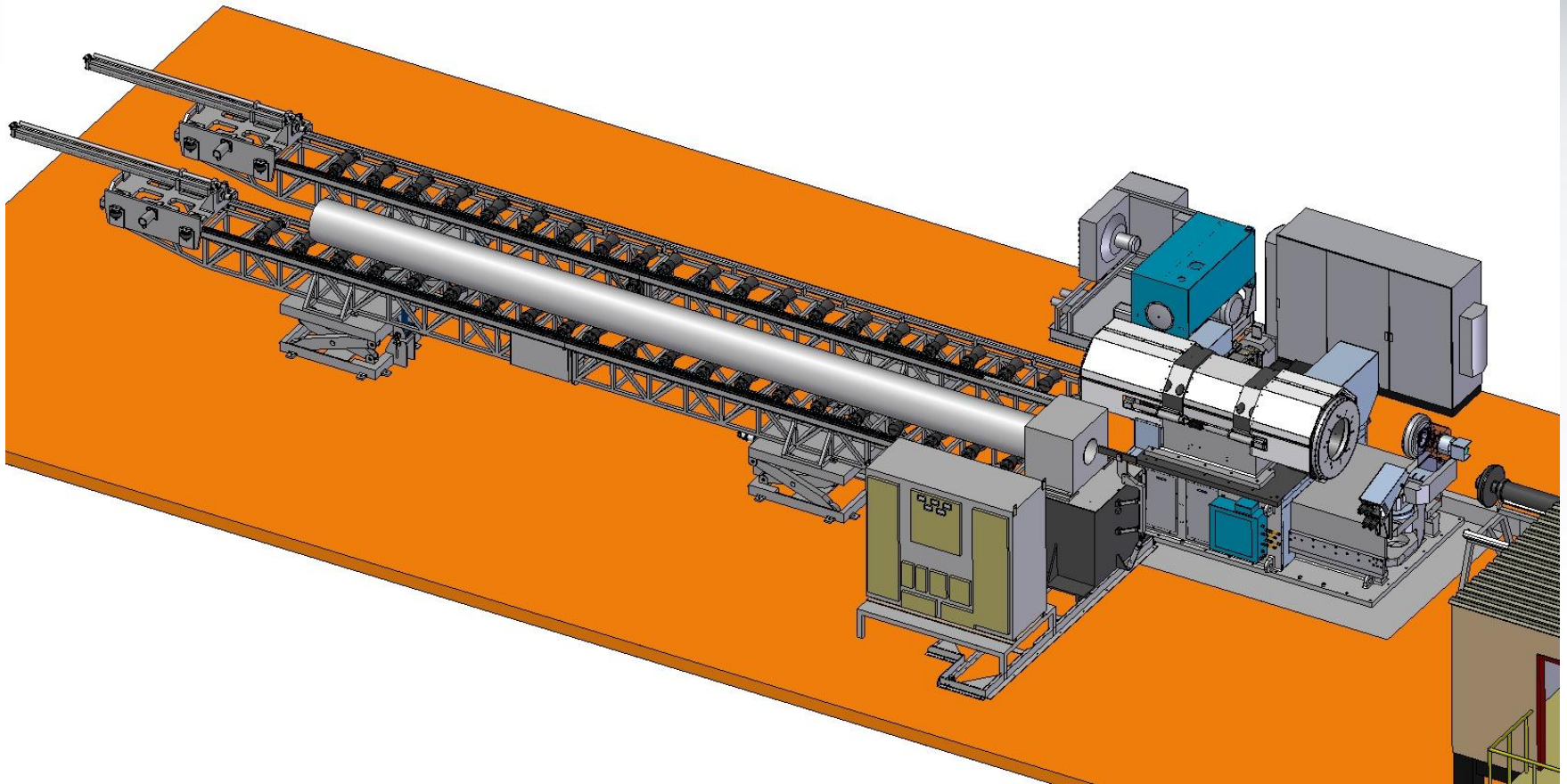


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Machine Layout and Process sequence:

Step 2:



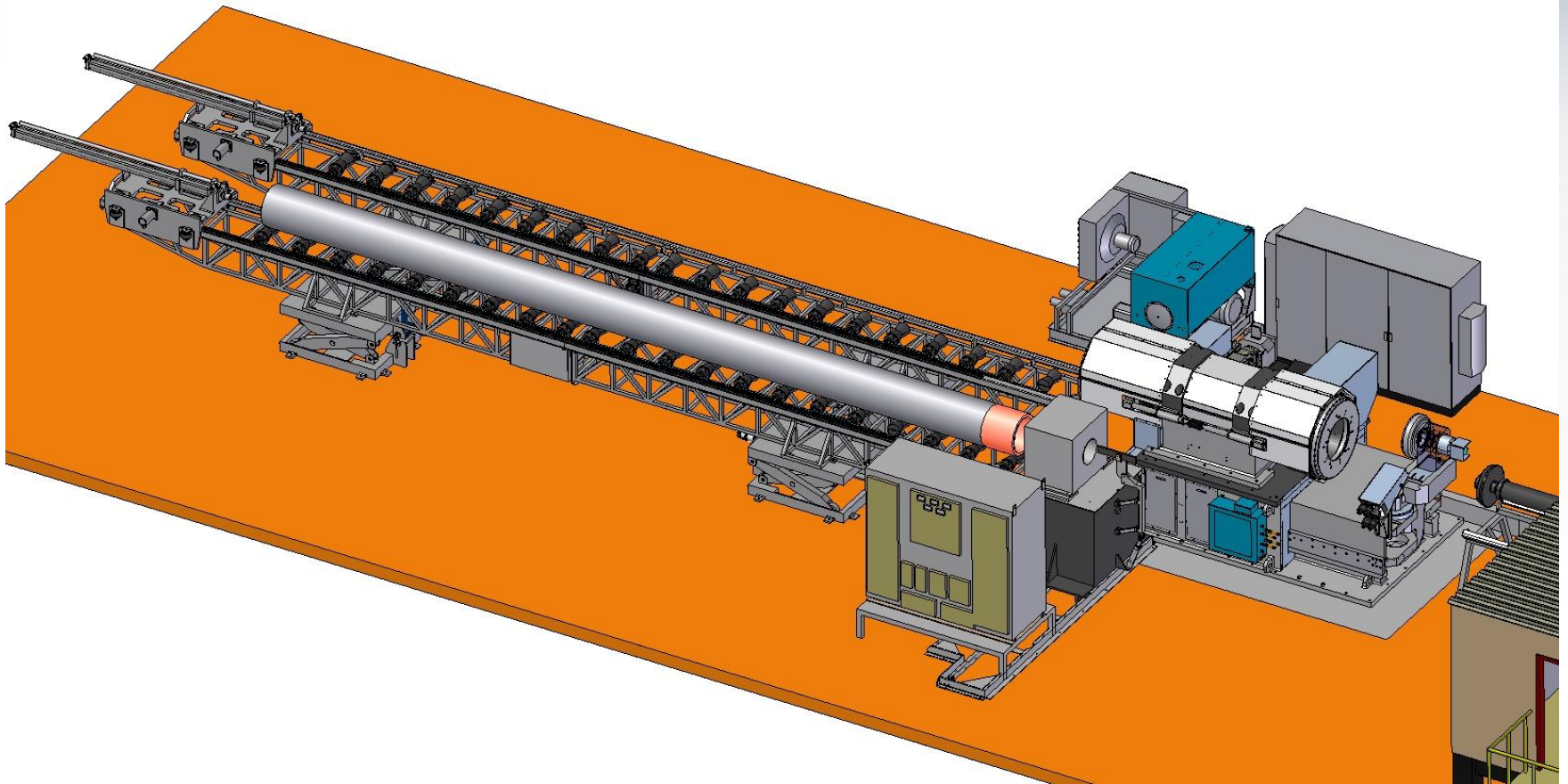


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Machine Layout and Process sequence:

Step 3:



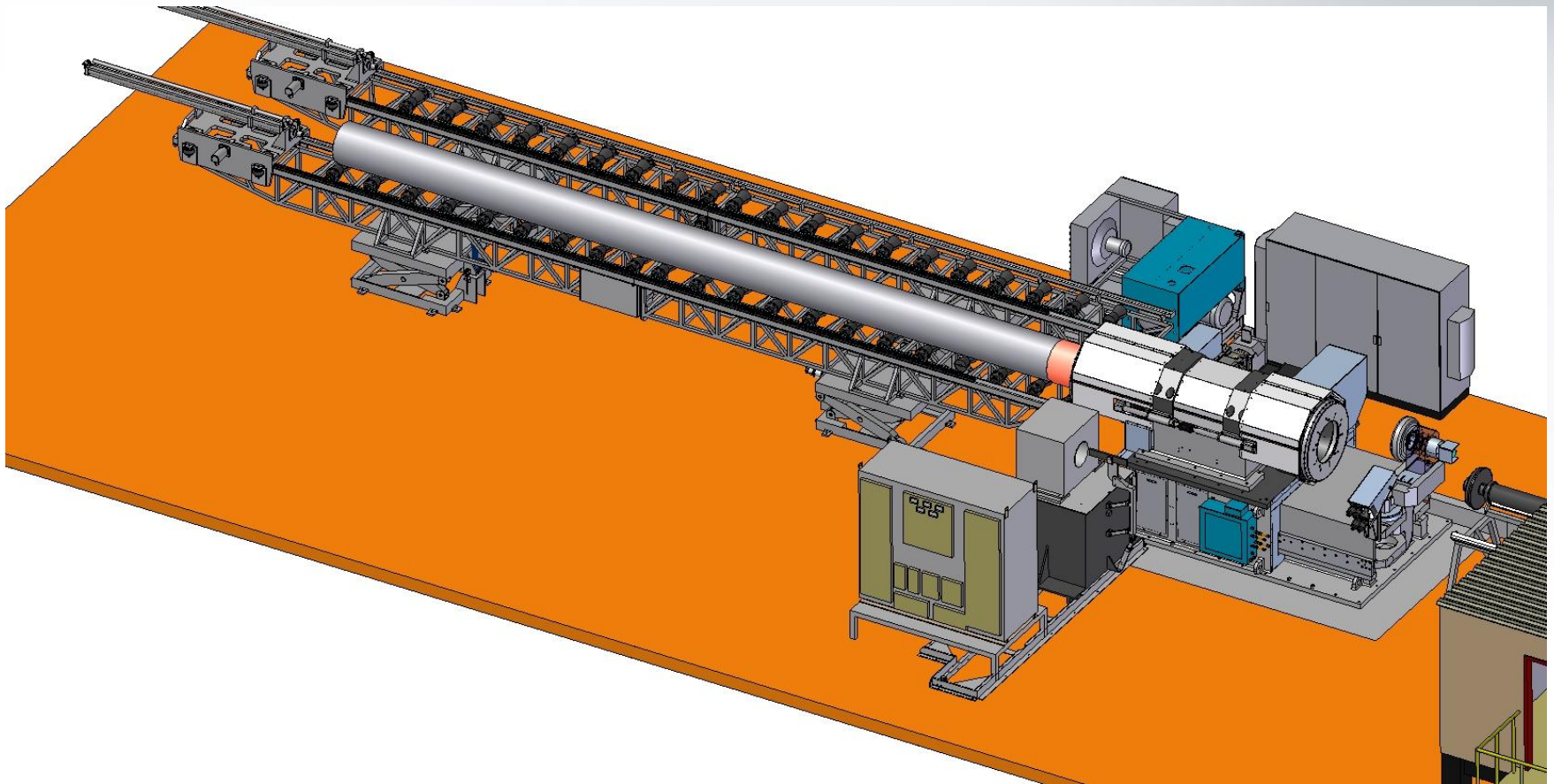


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Machine Layout and Process sequence:

Step 4:



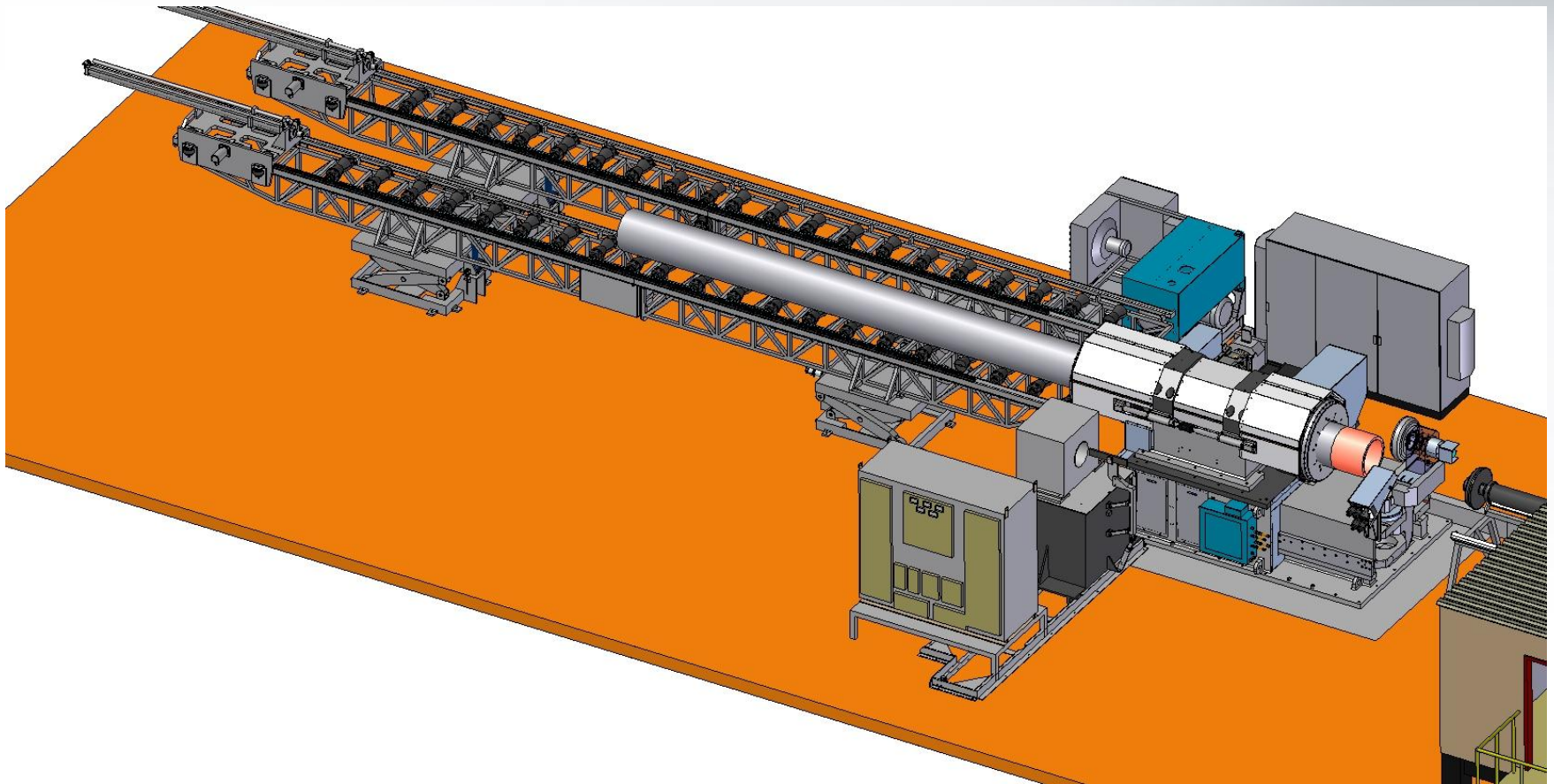


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Machine Layout and Process sequence:

Step 5:



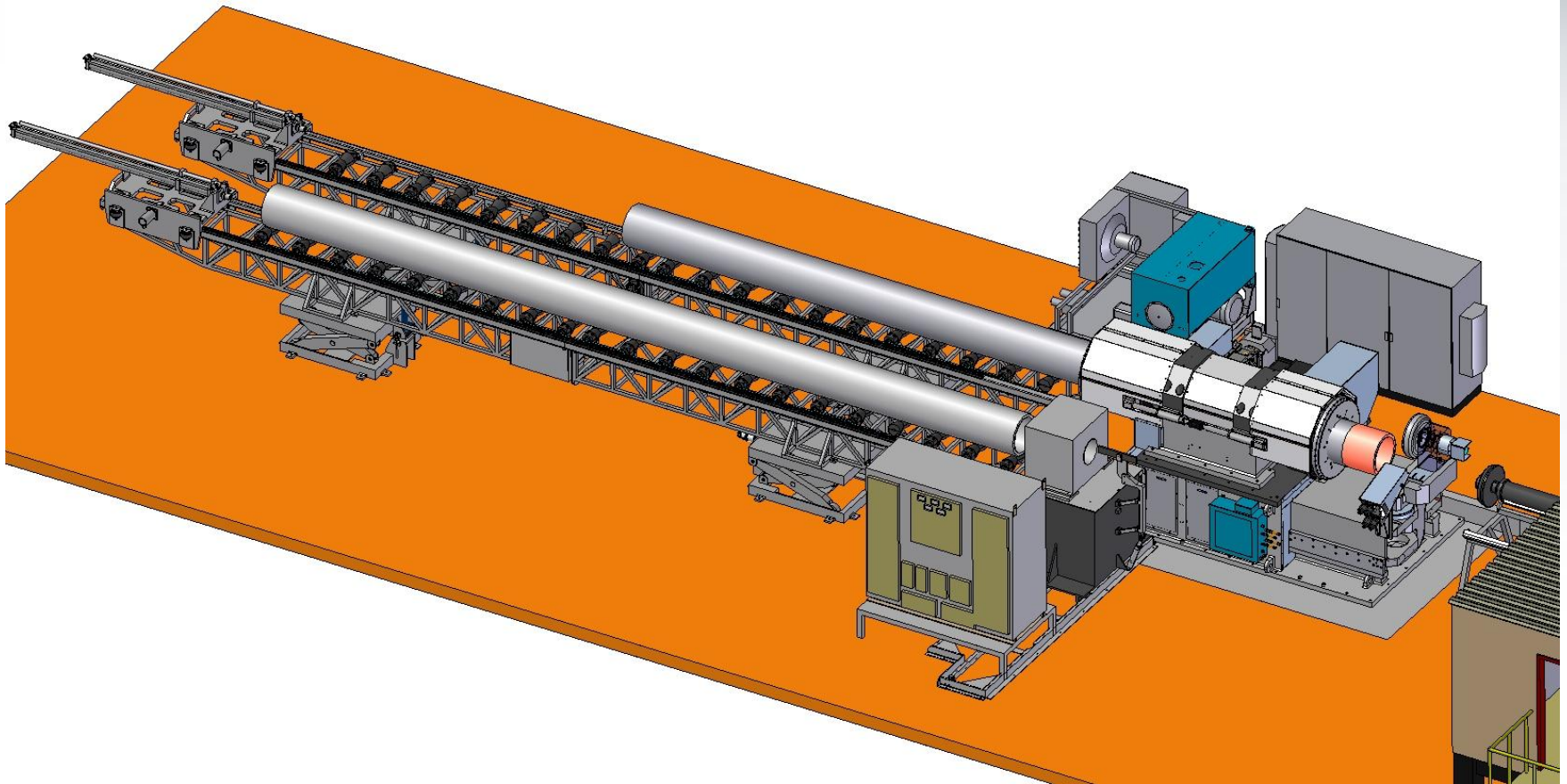


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Machine Layout and Process sequence:

Step 6:



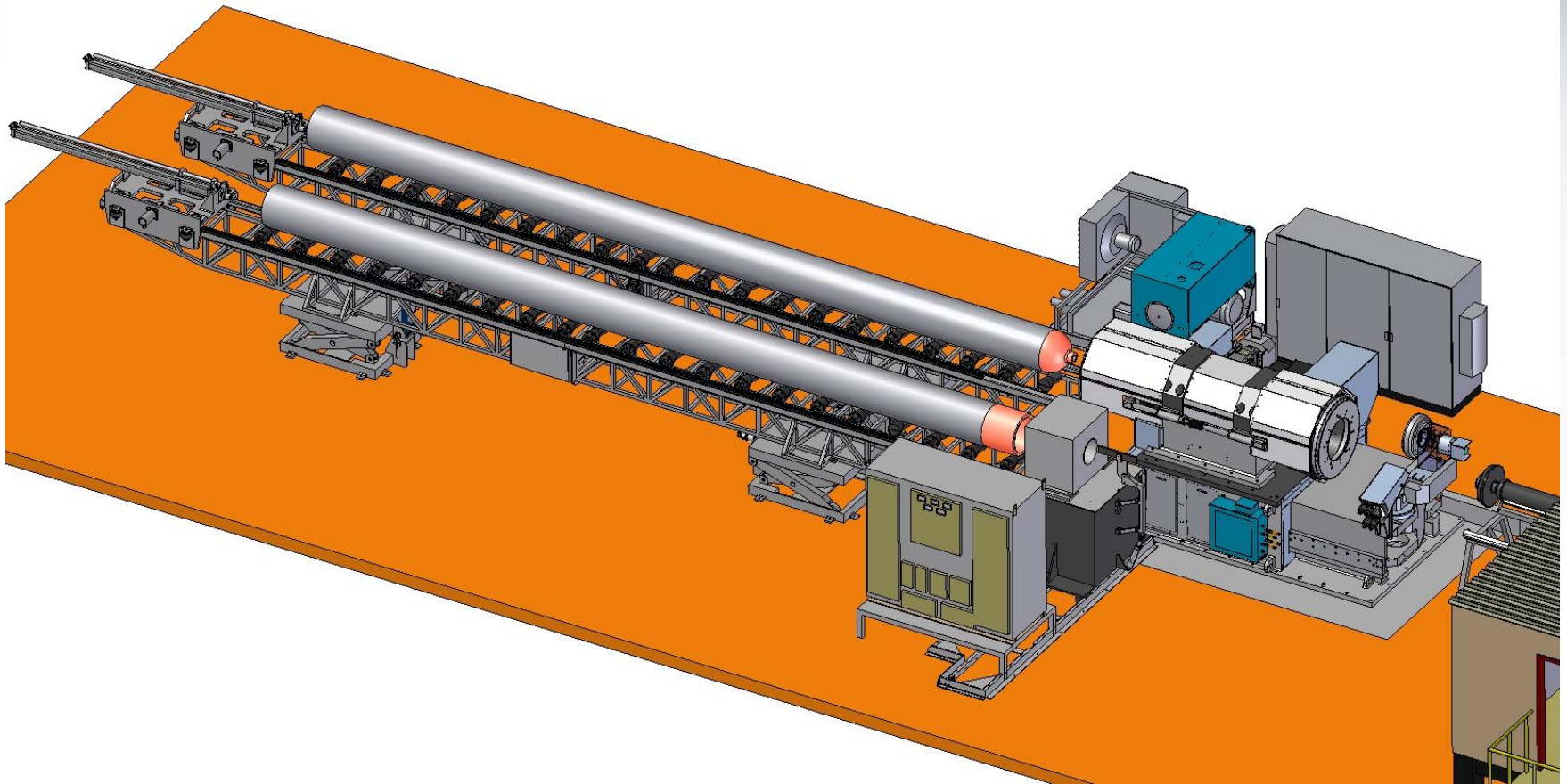


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Machine Layout and Process sequence:

Step 7:



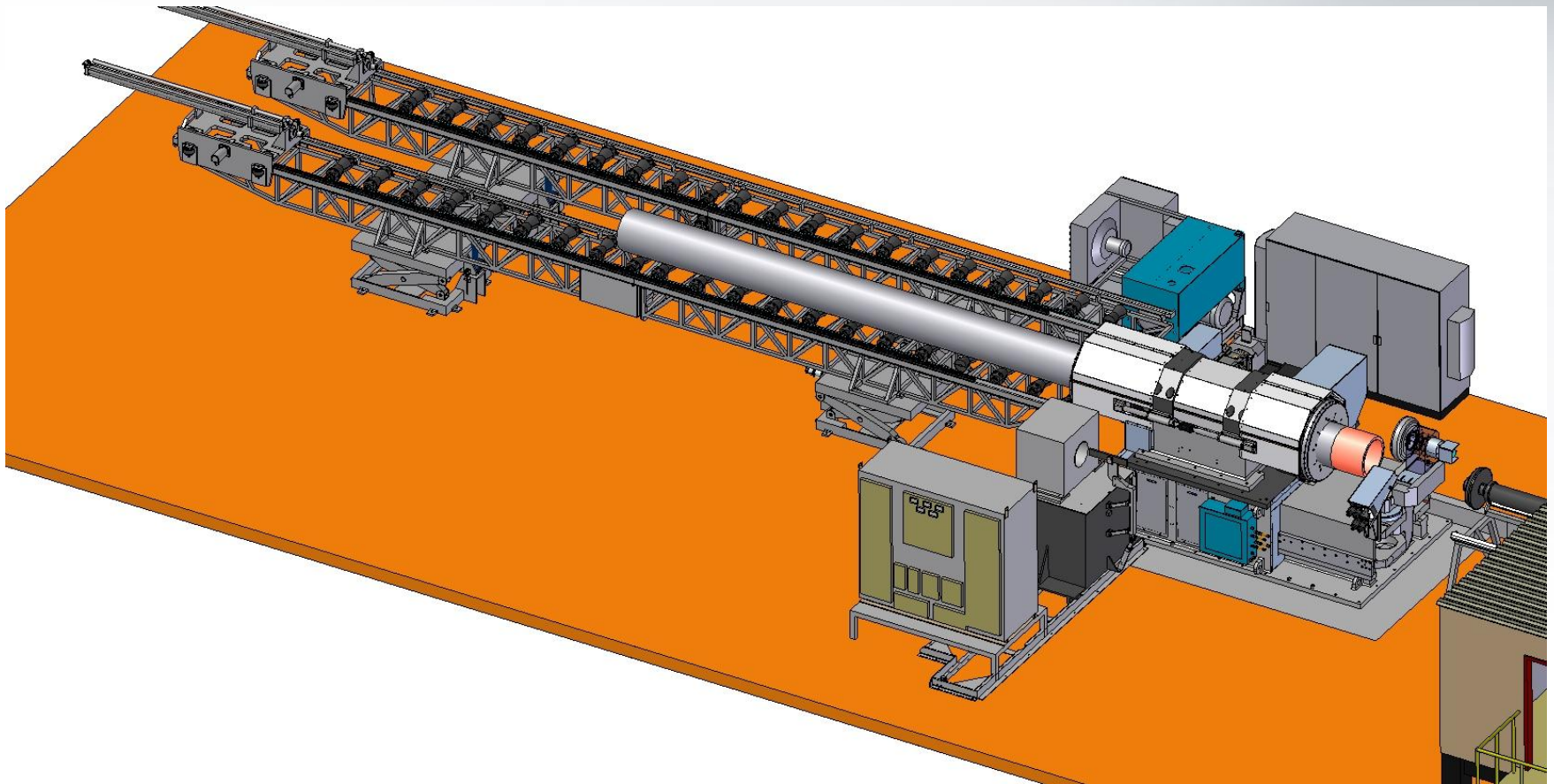


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Machine Layout and Process sequence:

Step 9:



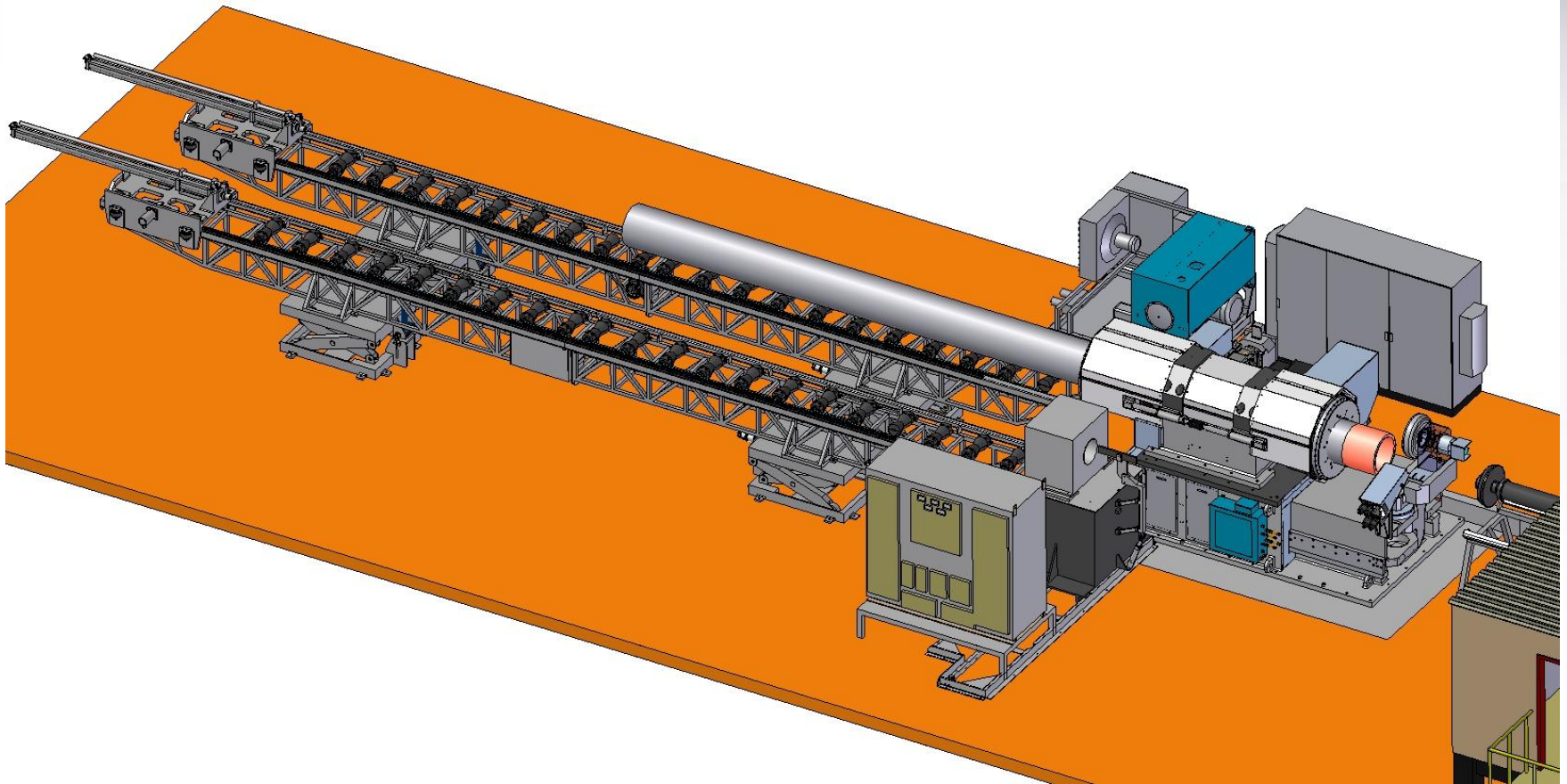


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Machine Layout and Process sequence:

Step 10:





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SIEMENS SINUMERIK 840D

Computer Numeric Control System

- MJC utilizes Siemens SINUMERIK 840D control system which is utilized by most modern machine-tool builders today.
- The SINUMERIK 840D provides modularity, openness, a uniform structure for operating, programming and visualizing and provides a system platform with innovative functions for almost all technologies.
- The SINUMERIK 840D Powerline offers a complete digital system which is especially suitable for complex processing tasks and is characterized by maximum dynamics and precision through the modular 32-bit microprocessor CNC continuous path control.
- The SINUMERIK 840D is serviced by Siemens worldwide.
- MJC provide a 2 year full warranty on all Siemens products,



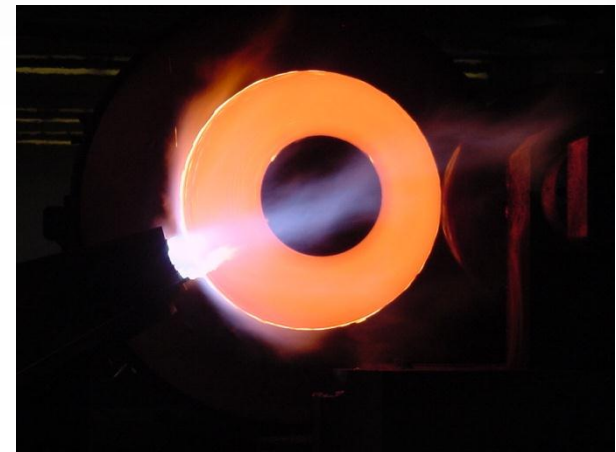


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Providing world class technology and factory support to maintain your factory as a world-leader through the new century.

- MJC provides training and consulting to maximize your production processes.
- MJC provides full factory service and support worldwide.
- All MJC equipment carries a 12 month warranty.





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***MJC's Goal is to Create Good
Partnerships with Our Customers
to Ensure Long Term Success!***





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