



**CARING, CREATIVE AND COMPETENT**

COMPANY  
CATALOGUE

ZY MACHINING & DISTRIBUTION LTD.



# OVERVIEW



ZY Machining and Distribution has been serving heavy industry for almost 15 years. We start off by a few experts in designing and fabricating complex construction equipment in 2003. As of today, ZY has become one of the eleven in China (one of the 200 around the world) certified Midori-Kai strategic suppliers. ZY's currently has a facility of 200,000 square feet in Shandong, China with over 350 highly skilled employees. By offering supreme one-step services, ZY would always be one of the most value-added options for manufacturing industry, so that our client would have full concentration on more profitable operations.

This brochure will give an insight into the multi-faced technical services in the company provides, with no limitations to industry sectors.



JOHN DEERE

EATON



JOY  
GLOBAL

KOMATSU

## WORLD CUSTOMER MAP

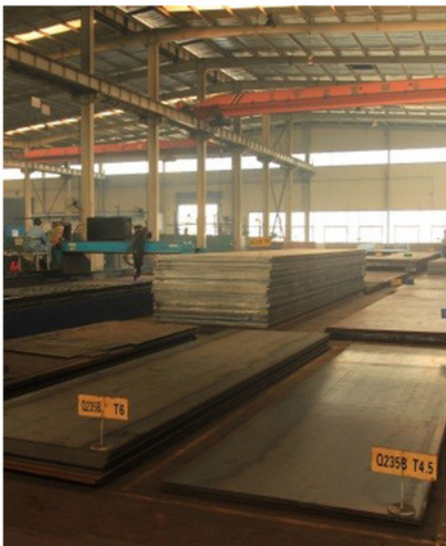




## MANUFACTURING CAPABILITY



- Cutting capacities up to 236 inches x 944 inches
- Machining with a maximum capacity of 138 inches x 320 inches
- Bending with maximum bending force of 500 ton
- Punching machines with maximum press of 600 ton
- Robotic welding





## Oil Cylinder Seal Press Machine :

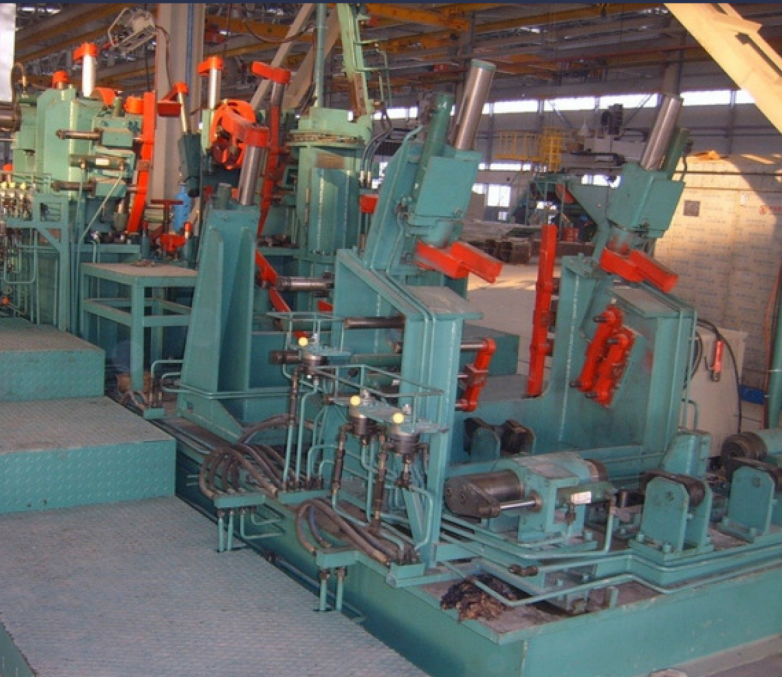
Oil Cylinder Seal Press Machine that installs the cylinder seals by applying presses. Operator can change the handle to press different types of seals into their corresponding oil cylinders. The equipment has automatic laser detection and shutdown function to ensure the safety during its operation.



## NON-STANDARD EQUIPMENT AND FIXTURE

ZY is capable of bringing the practical and optimum design solutions to our OEM clients. With versatile expertise in mechanical/ electrical engineering and fabrication processes, ZY engineering group combines the education training, hand-on experiences and computer aided designing technology to achieve fast and practical design. Our clients have been working together with us, bringing designs of customized or semi-customized OEM components, non-standard equipment and welding/assembling fixtures.

- Team of more than 10 engineering experts
- Advanced machine design and problem -solving skills
- World-wide design format compatibility, AutoCAD, TurboCAD, Solidworks, UG NX, and much more



## Excavator Boom Work holding Fixture:

This fixture positions the various steel component during the manufacturing process of the excavator boom. The components were righted by hydraulic pressure before welding and assembling process. This type of fixture has been serving various Komatsu brands and other heavy construction equipment manufacturers.



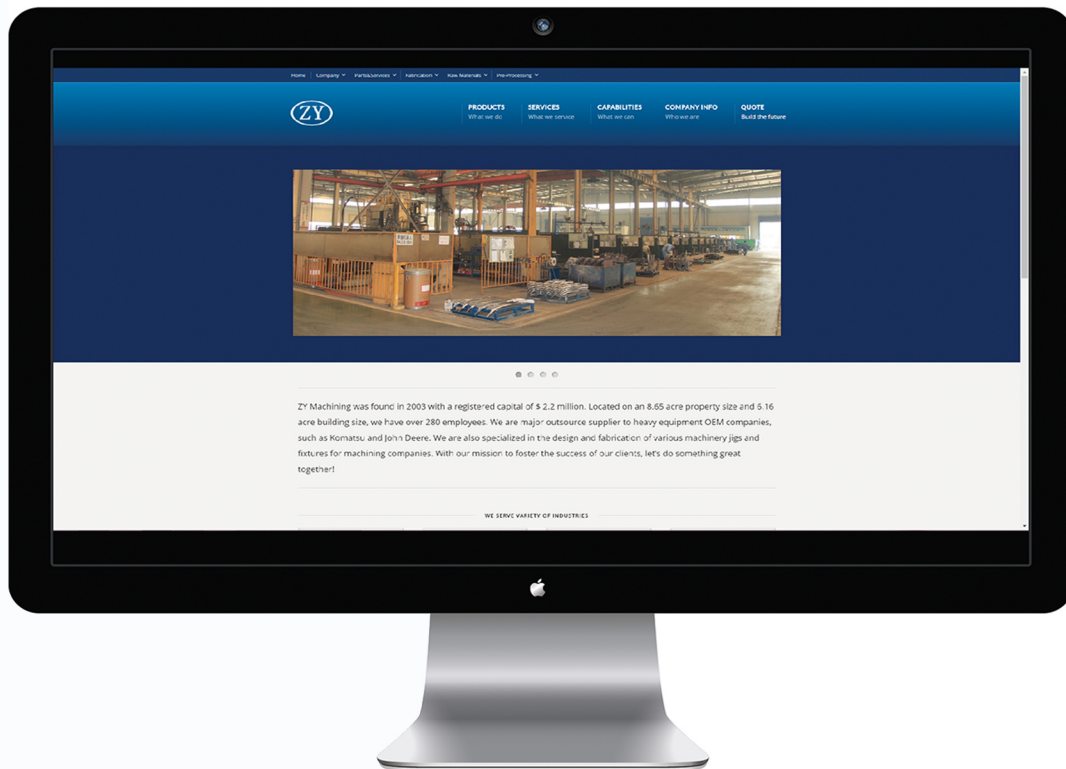
# PART SOLUTION

ZY was rewarded as the excellent member of Komatsu's Midori-Kai Strategic Partner in 2012. ZY fabrication shops have more than thirty boring mills and forty welding units. Combined with our engineering expertise, our shop is capable of manufacturing medium to large size steel, aluminum and other metal components, modules and assemblies. Our clients include heavy construction equipment and agricultural equipment manufacturer worldwide. Whether you require simple parts, complete machine rebuilds or the custom-designed machinery, we have the expertise and staff to handle your job.

- Vertical and horizontal CNC Machine Centers
- Welding units and welding robots
- ISO 9001 and ISO 14001 Certified
- Komatsu Midori-Kai Strategic Partner for Steel Plate Supplier








## PROJECT MANAGEMENT AND INTERNATIONAL COMPLIANCE

ZY is proud of its accountability for project management and logistics. Our customer portal is linked directly to our internal manufacturing system (Enterprise Resources Planning System) for our customer to trace real-time progress on their supply chain, as well as managing their own production schedule. We have dedicated project managers with Professional Engineer designation licensed by APEGA to ensure the project progress and related communications. Each project will be assigned a project manager as point of contact, so you will never been left alone with unattended issues.

We take into our clients' concerns as our highest priority. Since start-up, we have been signing and following non-disclosure agreements with our clients. Keeping clients' document confidential strictly has been our top rules during daily operation and project management.



 — ZY Machining Customer Portal

Admin | PasswordReset | CustomerManagement | [Administrator](#) | [Log Out](#)

Company Name:  Enter Serial#, Unit or Model (maximum 40 characters)

| UNIT | SERIAL#     | MODEL | LAST ACTIVITY |                         |
|------|-------------|-------|---------------|-------------------------|
|      | 000012MX-14 |       | 12/10/2014    | <a href="#">History</a> |
|      | 001612MX-07 |       | 12/04/2014    | <a href="#">History</a> |
|      | 002511MX-03 |       | 12/04/2014    | <a href="#">History</a> |
|      | 002812MX-02 |       | 12/04/2014    | <a href="#">History</a> |
|      | 100000MX-01 |       | 12/04/2014    | <a href="#">History</a> |
|      | 100000MX-02 |       | 12/04/2014    | <a href="#">History</a> |
|      | 101012MX-11 |       | 12/04/2014    | <a href="#">History</a> |
|      | 111012MX-44 |       | 12/04/2014    | <a href="#">History</a> |
|      | MO0001      |       | 10/03/2014    | <a href="#">History</a> |





## STRATEGY

ZY thrives on embracing mutual success with business partners by adding benefits to their operations and fabrications. Our strategy is to create extraordinary total customer experiences by enhancing our employees and operations as per client's need and feedback.



## QUALITY

We implement the 5S (sort, set-to-order, standardize, shine and sustain) method successfully to organize our three facilities. ZY Machining is proud to be one of the worldwide Midori-Kai Vendors for Komatsu since 2012.



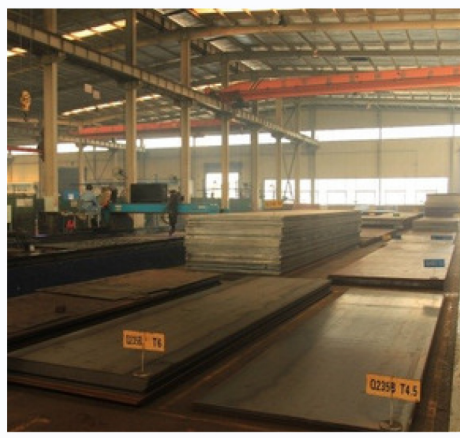
## MANUFACTURING CAPACITIES

We offer one-stop services to our OEM clients. Our production capabilities include boring, turning, milling, grinding, welding, and assembling as well as CNC tooling and fixtures. The majority of our machining centers are capable of machining of principle machine components, with the maximum capacity of 138 inches x 320 inches (3500 mm x 8000 mm). We level and calibrate our machines on a yearly basis.



## COST

Our one-stop service reduces the cost of raw material transportation, metal processing and secondary outsourcing resulting in a cost-effective service.



## LEAD TIME

The standard lead time of our non-standard equipment is three months: one month for designing, one month for fabricating and one month for installation and adjusting; the standard lead time for OEM components is one month upon reviewing the drawing.



## SOCIAL RESPONSIBILITY


In the design process, we take full consideration of the local codes and standards to meet the environmental and safety requirements. We have achieved the ISO14001:2004 Environmental Management Certification




# ZY MACHINING & DISTRIBUTION LTD.


## CONTACT FOR QUOTE

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