



Openex Mechanical Technology Ltd.

Openex Mechanical Technology Ltd. is one of very few companies that can provide full range of custom metal fabrication and machining services, tolerance down to micron level, weight up to 250tons, and size up to 40x8x7m. Our services typically include metal fabrication and machining, casting, forging, assembling are included as well. Our products and service have been widely needed in the industries such as Machinery, Construction, Rail Transit, Power/Energy, Boat/Bridge, Infrastructure, Oil/Gas, Mining and etc.

We custom make almost all sizes of metal parts, components, and assemblies, from small, to medium and large. by partnership with well selected manufacturers in China, especially the ones located near ports of Xiamen and Shanghai. We have succeeded in providing products and services to more than 10 industrial giants listed in fortune global 500, which are from Japan, Korea, USA, European Countries, Australia, UK, Canada etc.



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Quality control system, We are ISO 9001 certificated, IATF16949 certificated, and also substantially meet the requirement of CE and other standards such as ASME, AWS, DNV, EN1090, and ISO3834.

Communication, most of our members in technology and engineering are sufficient in English and Japanese, more important, we understand the international industrial standards concerning material, manufacturing key processes, and inspection, which include ASTM, JIS, AUS/NZS, EN. etc

Efficiency/Cost/Quality, in Openex and its whole supply chain, large array of CNC machine tools, robots, CMMs, laser trackers are used, well trained engineers and operators together reduce mistake to the least. The simulation introduced makes our jobs high efficiency as well. High efficiency leads to high quality and low cost. And, our strategical locations near wharfs help reduce transportation time and cost as well.



Openex Mechanical Technology Ltd.

Premises in JS PRV, for ext. from Shanghai Port--- (Video is available upon request)
Cutting, Cold Metal Working, Welding, Machining, for medium-large size metal fabrications





Openex Mechanical Technology Ltd.

Premises in Zhangzhou FJ PRV for ext. from Xiamen Port --- (Video is available upon request)
Cutting, Cold Metal Working, Welding, Machining, for small- medium-size metal fabrications



Add: Unit2503, No 99 Yiland Road, Xiamen,China. Tel:86 186 592 80806 Email:bell@openex.com.cn



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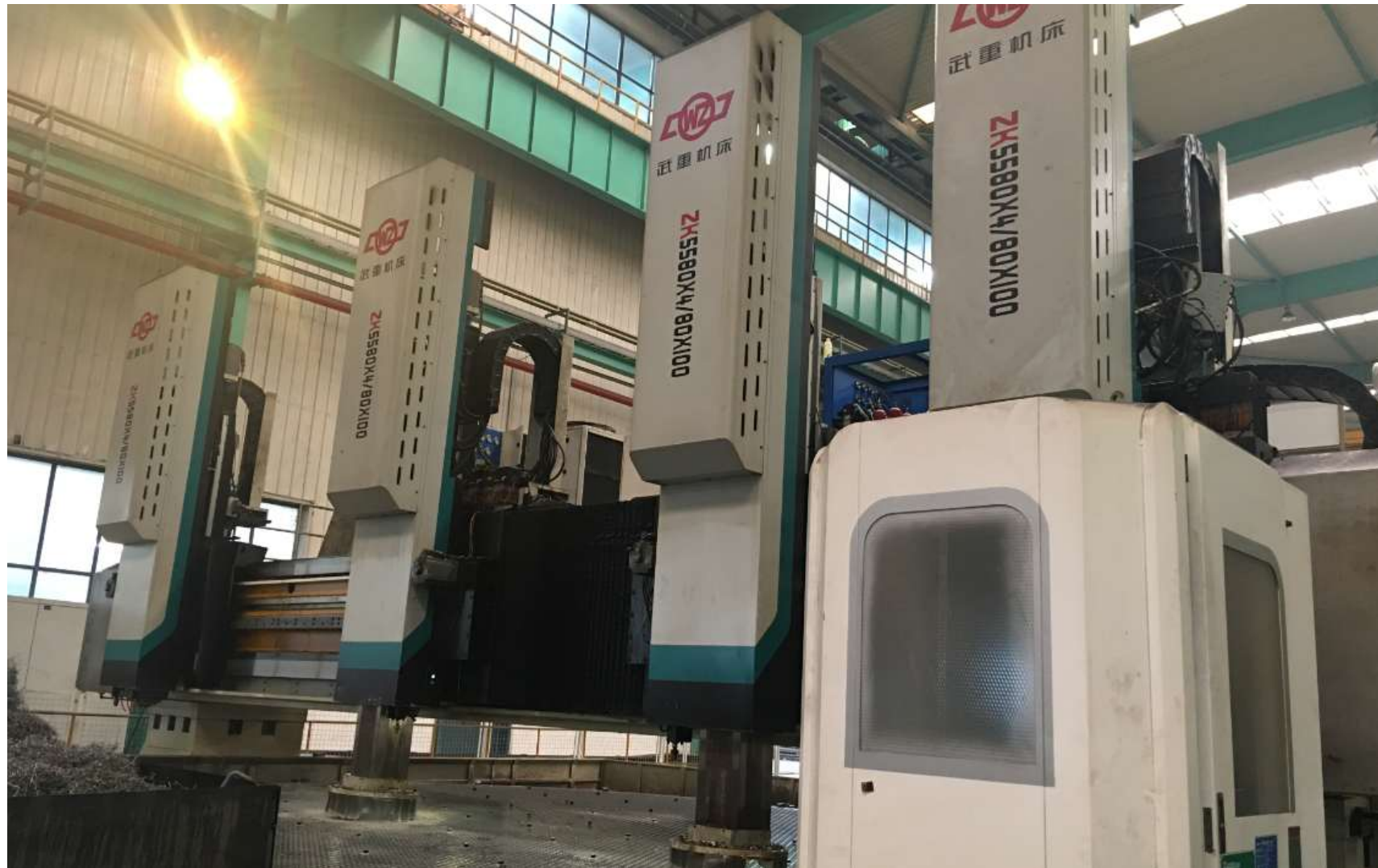


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Premises in JS PRV, for ext. Shanghai Port--- 三维激光型材切割机可切管材角钢槽钢
3D laser cutting CNC machine 4KW for cutting steel tubes, steel angels, steel channels,





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CMM Inspection



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Laser tracker inspection



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作业台面7m*7m*30m及10m*10m*12m热处理设备2台套，炉内尺寸30*6.8*6.5M，最高温度1100℃，温控精度±20℃，可覆盖工程机械行业绝大部分产品的热处理加工要求。





Wharf near the Workshop to Ship Large, Long, Heavy Workpiece 便捷的大件水运码头



For large ship/barge max 10k tons to call, 90miles away from Shanghai Port
Equipped with four cranes 2x60tons +2x1200tons.



Openex Mechanical Technology Ltd.

Premises in Zhangzhou FJ PRV for ext. from Xiamen Port --- (Video is available upon request)
Cutting, Cold Metal Working, Welding, Machining, for small- medium size metal fabrications



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Metal fabrication works Openex has delivered to oversea :

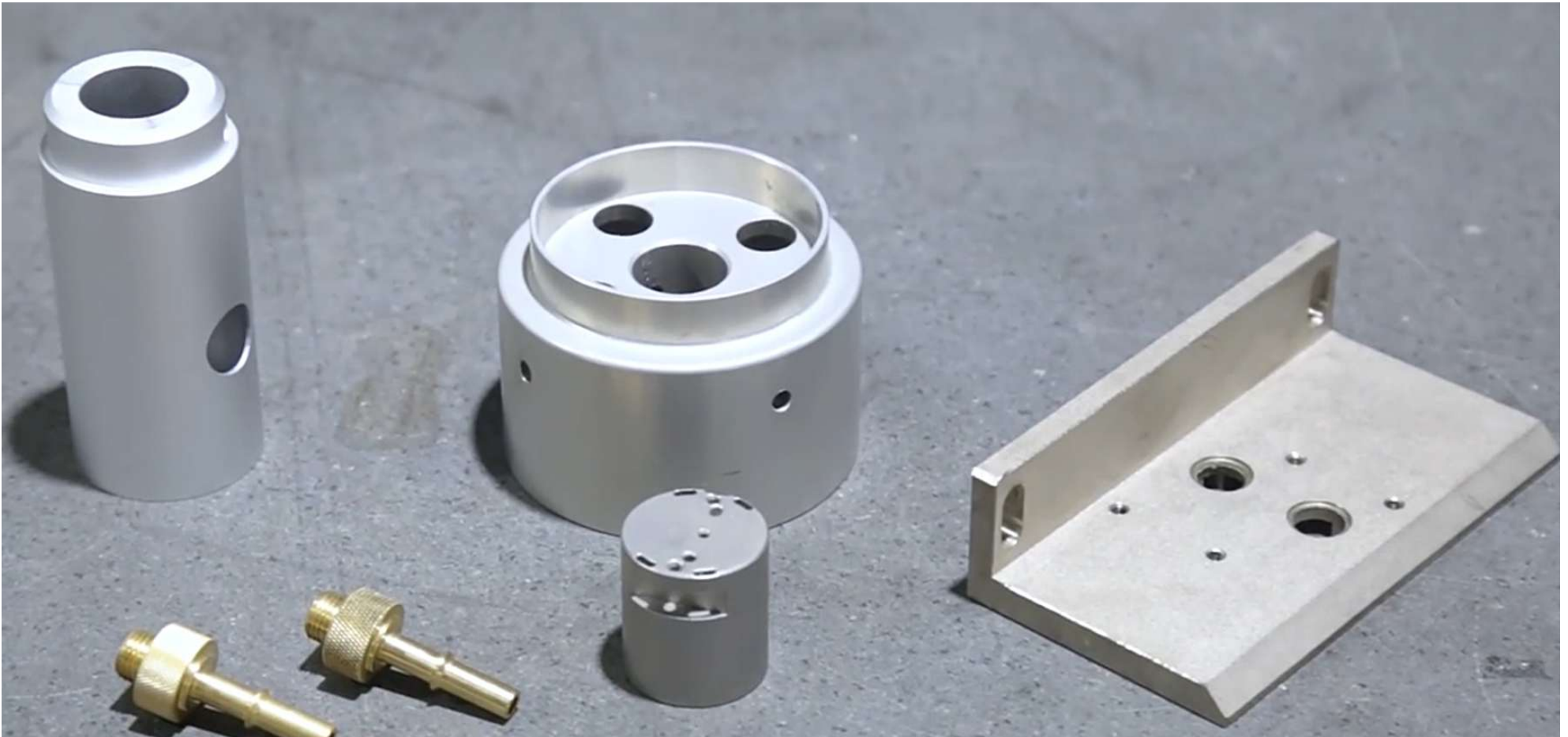
- ◆ Mitsubishi, Japan – Conveyors Frame
- ◆ JFE, Japan-- Chaises of vehicle for rolling mill
- ◆ TRI,USA– Steel work for energy absorption system
- ◆ ACB,France – Large components for aircraft making machine
- ◆ AKI, USA – Vacuum shell of flywheel energy storage system
- ◆ HS, UK – Aluminum Casting post used in Bridge Fencing
- ◆ ABB, Germany -- GIS shell welded and castings
- ◆ AE, AUS – Caterpillar frame for engineer machinery
- ◆ Mitsui, Japan – Compress vessel
- ◆ VDL, Netherlands – Container AGV Chassis
- ◆ Williams, AUS – Assemblies for potato transplanter



Small machined parts, metals can be brass,
aluminum, stainless steel, carbon steel

按需订制的小零件-机加件

材质可以是铜的，铝的，不锈钢，碳钢





Small machined parts

按需订制的小零件-机加件





Small machined parts

按需订制的小零件-机加件





Long but small steel fabricated parts

长杆型结构件-集装箱门锁杆件





Small-med stainless steel parts (316L) with deep drawing and welding

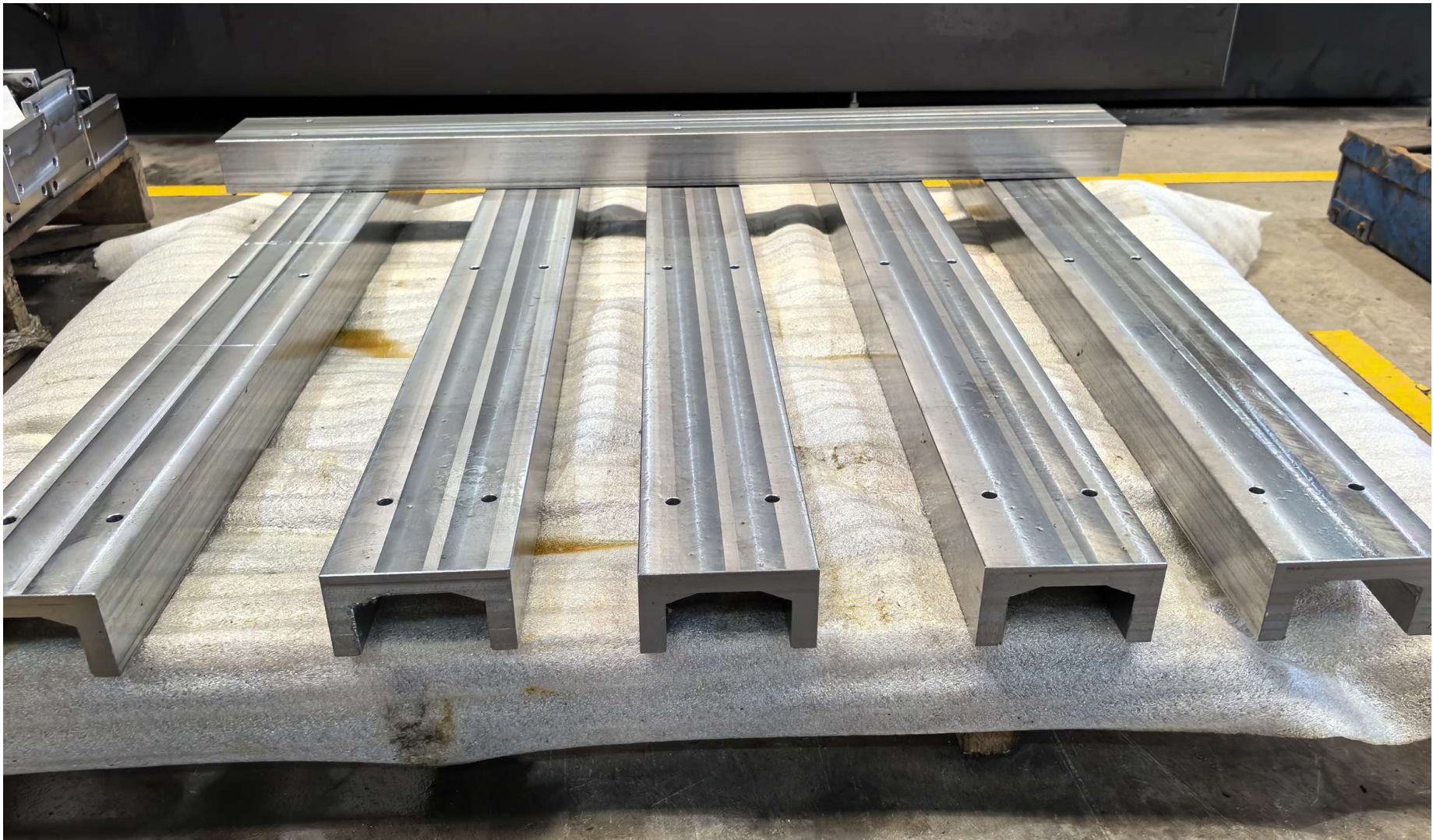
中小等尺寸不锈钢深冲焊接件





Medium machined parts

中等尺寸机械加工件





Medium-size welding fabricated parts

中等尺寸焊接钢构件





Medium size of steel fabricated components

中等尺寸镀锌钢构件





Medium size machined casting components

中等尺寸铸钢加工件





Medium size welding fabricated components

中等尺寸铸钢加工件





Medium size welding fabricated components

中等尺寸铸钢加工件





Fabrication of vacuum chamber of flywheel for energy storage

飞轮储能真空壳体制作/精密机加工



To storage high speed rotating flywheel, the steel chamber need to be vacuum no more than 4pa. We undertook the fabrication and machining of the steel shells and top plates. It require high precision on cutting, roll forming, beveling, welding and machining. Welding quality on the wall of the shell is important in order to achieve high vacuum level. We used helium to test the leakage to meet the requirement--- $\leq 1.4 \times 10^{-10} \text{ Pa} \cdot \text{m}^3/\text{s}$. The sealing surface roughness is up to Ra 0.8. The dimension tolerance are measure by CMM.





Bespoken large machining 大型精密机加工-车铣镗钻





CNC Machining Pressure Vessel End Plates

压力容器端板的CNC机加工





CNC Machining --Deep Drilling

厚板深孔钻





Machining for Turbine Parts

透平机配件机加工





Machining for Large TBM Bearing

大型盾构机轴承8m 机加工





Large and Precise Machining

大型精密厚板机加工--车铣磨钻





Large and Precise Machining

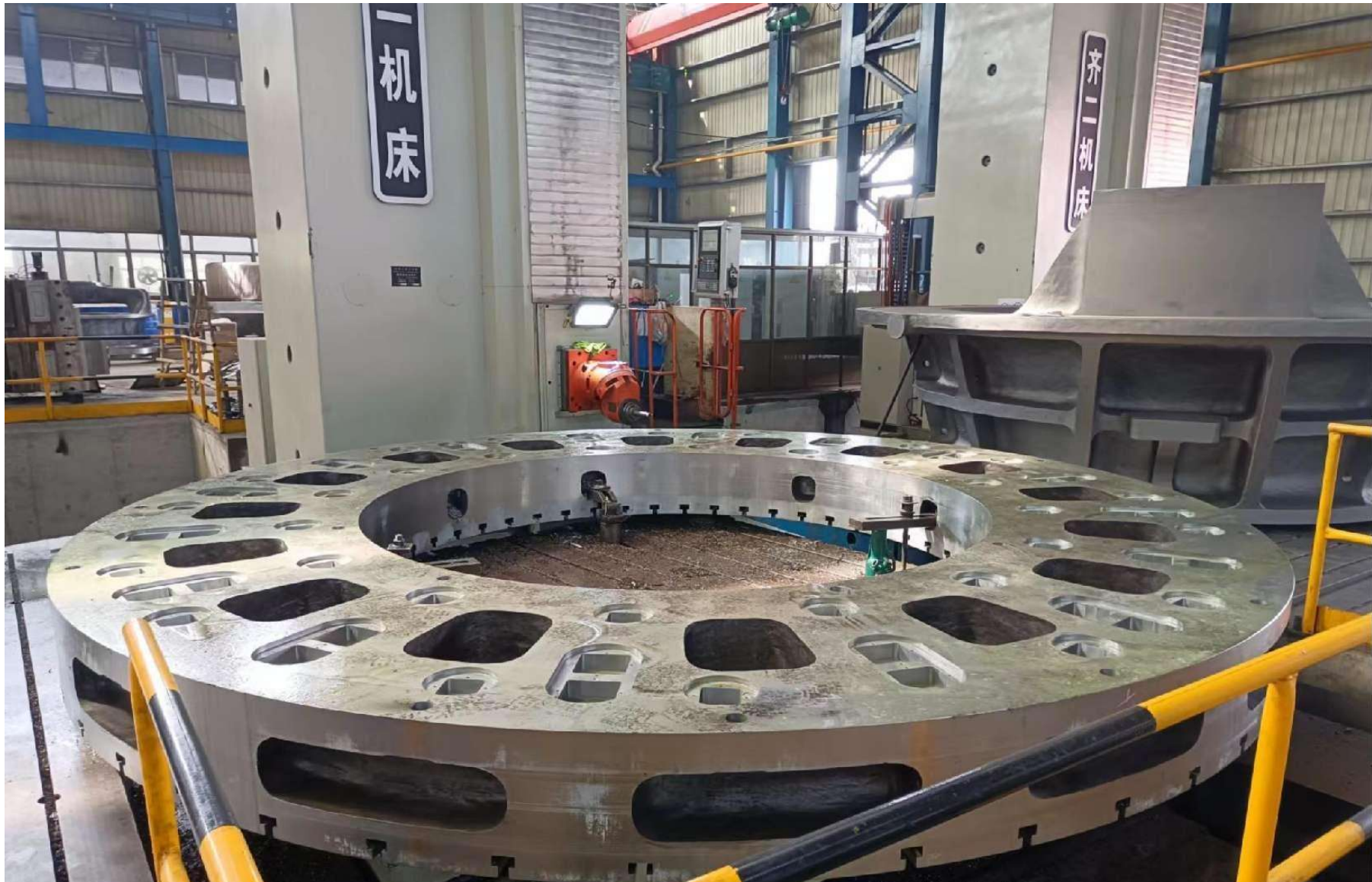
Gears 精密齿轮加工





Large Castings

大型铸件



Large Castings

大型铸件





Large Castings and Machining

大型铸件及机加工





Large Machining for Wind Hub

大型风机风叶轮毂机加工





Large and Heavy Machining

大型重型机加工





Large and Heavy Machining

大型重型机加工





Large and Heavy Machining

大重型机械加工--镗铣一体加工





Large and Heavy Machining

大重型机械加工--镗铣一体加工





Fabrication for Large Cylinders

大型钢铁筒体制作





Fabrication for Large Cylinders

大型不锈钢压力容器筒体制作





Steel fabricated screener for solid waste disposal

固废处理用钢铁筛筒





Metal Fabrication for Li-Battery Package

锂电池簇架





Sheet Metal Fabrication for Li-Battery Package

储能锂电池钣金箱体及簇架





Metal fabricated cooling cabin for Li-Battery Pack

储能锂电池液冷柜





Energy absorption anti-crash barrier

防撞吸能钢构体--交通安全防护用





Energy absorption anti-crash barrier

防撞吸能钢构体- 用于交通安全防护





Large fabrication and heavy machining Gear Rack Housing 海上风电安装用齿条箱





Fabrication for Large Loaders

大型装载机车斗制作





Large and Heavy Fabrication

大型重型钢结构制作





Large and Heavy Fabrication

大型重型钢结构制作



Large and Heavy Fabrication

大型重型钢结构制作（风电铁塔组件）





Bespoken steel fabrication

大型设备底座





Large fabrication and machining 大型钢构设备底座



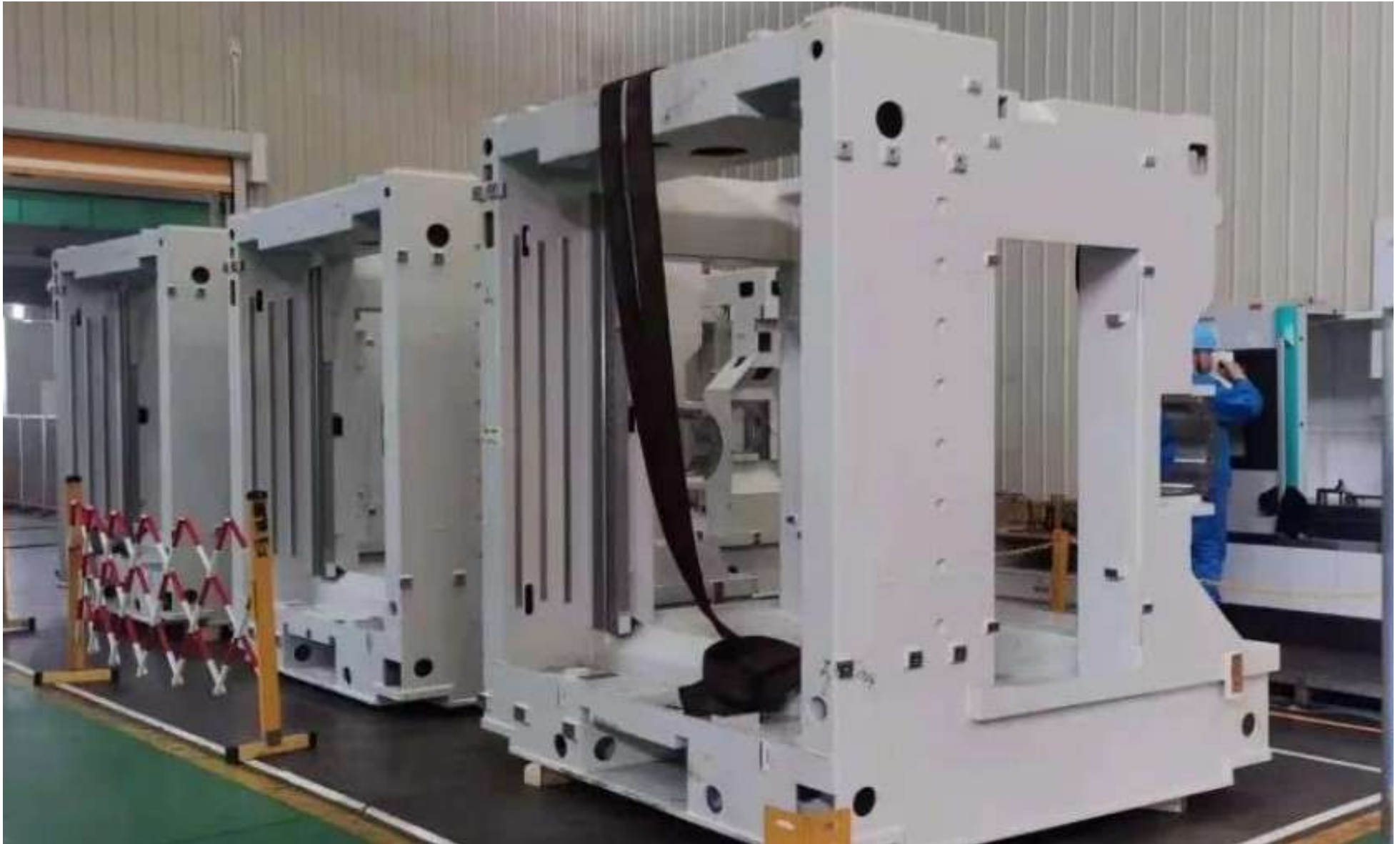


Large fabrication and machining for press brake 压机设备机架





Large fabrication and machining for press brake 压机设备机架





Fabrication of towers for ethylene distillation

乙炔蒸馏塔的制作





Pressure vessels for EOEg project

压力容器罐体制作





Heat exchangers for ABS projects

热交换器罐体加工



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Fabrication for Heat Exchangers

热交换器制造





Fabrication for Heat Exchangers

热交换器制造





Fabrication for Heat Exchangers

热交换器制造





Submergen Arc Overlay Welding (Cladding)

帶極埋弧堆焊





Large Fabrication 大型非标钢构制作





Large Fabrication (Track Beam)

大型非标钢构(履带梁)制作





Customized Large Fabrication

大型非标钢构制作





Metal fabrication for steel coil pallet

轧钢厂钢卷车架-供转运





Assemblies for reach stackers and other cranes

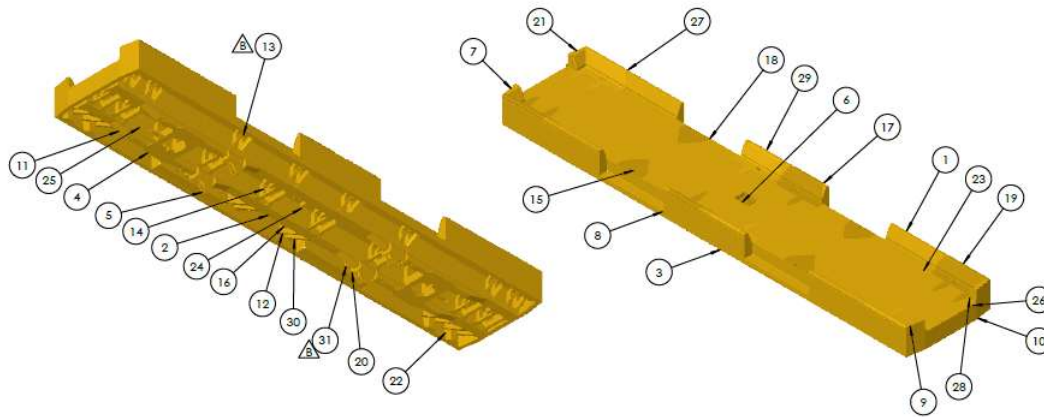
港口正面吊，轮胎吊钢结构件





Chassis for AGV to carry containers

卫星导航集装箱AGV底座





Chassis for AGV to carry containers 卫星导航集装箱AGV底座

