

Tongli Block

Expert in design and manufacture of wind power hoisting tools in China
State-level High-tech Enterprises (GR201813000876)

Hebei Tongli Block Co., Ltd. is a national standard revision unit for lifting pulleys in China. It has a wholly-owned design and manufacturing company in the United States. It has a wholly-owned forging subsidiary company in China and a provincial lifting pulley research center in Hebei Province. It provides customers with "TL TOPLIFT" and "Tong" brand for various industries to apply lifting pulleys and wide body unloading buckles. Lifting solutions, such as lifting fixtures, have a complete industrial chain of R&D centers, forging, machining, inspection and testing centers.



With the rapid development of new energy wind power generation at home and abroad, Tongli pulley has gradually entered the field of wind power hoisting, providing "high efficiency, high quality and safety" hoisting series rigging products for well-known wind power companies at home and abroad.

TOPLIFT Wind Lifting Block

"TOPLIFT" horizontal pin rotary wind power pulley is a national patent product. Compared with similar products, there are four technological advantages:

The safety of the pulley is greatly improved by replacing the traditional peach opening with the horizontal pin rotary nut, and the installation of the pressure bearing facilitates the rotation in the hoisting process.

At the same time, the rolled steel wheel has the advantages of light volume, high impact resistance and never breakage, which greatly improves the safety of the pulley.

The service life of JDB solid oil-bearing self-lubricating bronze sleeve is more than 10 times that of common pulley.

Pressure nozzle is convenient for oil injection.

Wind power pulley has become a designated supporting product of dozens of wind power tower drum hoisting safety model projects at home and abroad.



"TOPLIFT" Wide Body Forging Shackle

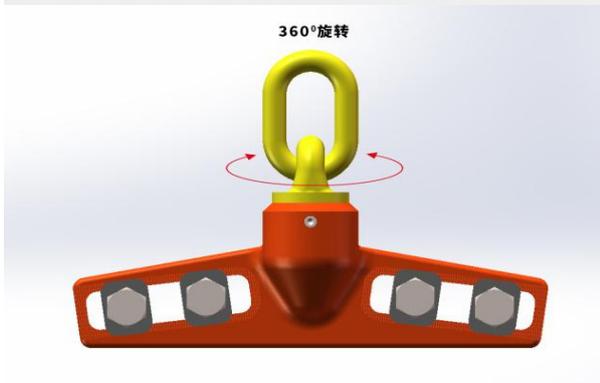
By Tongli pulley lifting gear design center after three years of trial and development. Advanced alloy steel forged, heat treatment, outdoor anti-corrosion surface treatment. Now it has the ability to forge 25T-1000T wide body unloading, and can carry out CCS, ABS, DNV product test certification.



TLP 360 Degree Rotary Top Lifting Point

(Patent No.: 201822146331.2)

In view of the main problems existing in tower lifting tools in China, such as welding structure, abnormal bulkiness, no artificial installation and poor versatility, Tongli Lifting block research and development center independently developed China's first 360 degree rotating wind power point.



"TLP" has the following six technological advantages:

1. Design of a new 360-degree rotating crane: It is not only convenient to hoist and steer, but also avoids the interference between the unloading pin shaft and the wire rope in the original hoisting, so that the hoisting is safer.
2. Easy to install: The weight of the lifting lug is only 55kg-70kg, which means that the two workers can assemble manually without any additional lifting machinery.
3. Strong versatility: specially designed super-wide and long hole and adjustable gasket block, which is suitable for assembling indexing round flange of all current mainstream tower barrels;
4. Strong bearing capacity: the rated load of 50t can meet the load demand of most existing tower barrel hoisting.
5. Easy maintenance: There are oil-filling holes in the bottom plate of the hanger, which can be filled with grease and rotate more flexibly.
6. Complying with DIN EN13155 design standard: forged with super high strength alloy steel, high quality heat treatment process ensures that no permanent deformation occurs at twice load and no breakage occurs at three times load.

Over the past 30 years, Tongli has won more than a dozen patents with persistence, innovation and technology as the guide, leading the innovation and development of China's lifting pulley industry.

Over the past 30 years, Tongli people have not only praised high-quality products, but also created a model wind power hoisting project, which makes domestic and foreign customers have no worries at all !