

## Photo presentation

April 6th, 2010



As the largest and heaviest slewing ring exported from China , the outer diameter is over 6000mm and the weight is over 13 metric tons .

The structure is tri-row roller type with external gear.

In order to have the best and stable mechanical property , the 3 rings are forged and each ring is unitary .

In order to guarantee the hardened depth on the raceway , a test was made before the induction hardening .

The slewing ring has been exported to Europe , being used on a ship , as the bottom of cable basket .



The cages of the 1<sup>st</sup> and 2<sup>nd</sup> row of rollers are made of aluminium alloy . Nylon cages are also available .

The cages of the 3<sup>rd</sup> row of rollers which is called "spacers" are made of nylon .

During the final assembly and before the packing, the slewing ring is lubricated by Lithium grease .



Raw steel material



Forging machine



Heating treatment stove



Forged rings after heating treatment



Hardness test to the forged rings



Ultrasonic test to the forged rings



Material cut from the rings for tensile test



After tensile test



Material cut from the rings for impact test



After impact test



Turning



After turning



Gear cutting



Gears being cut



Raceway hardened depth test



Crack detection after raceway hardening



Grinding to the raceway



Packing

***The next photo's are taken from the new factory area "A" which is finished this year , the new equipments are arriving constantly , it is planned to be 100% put into use in 6 months . New factory area "B" is under construction.***



***Thanks for your patience to read the above information , if you have any question , please don't hesitate to contact us , sincerely hope we can cooperate with you in the future .***

***United , we stand !!!***