SLEWING BEARINGS
SPECIAL BEARINGS

iraundi
SPECIAL BEARINGS

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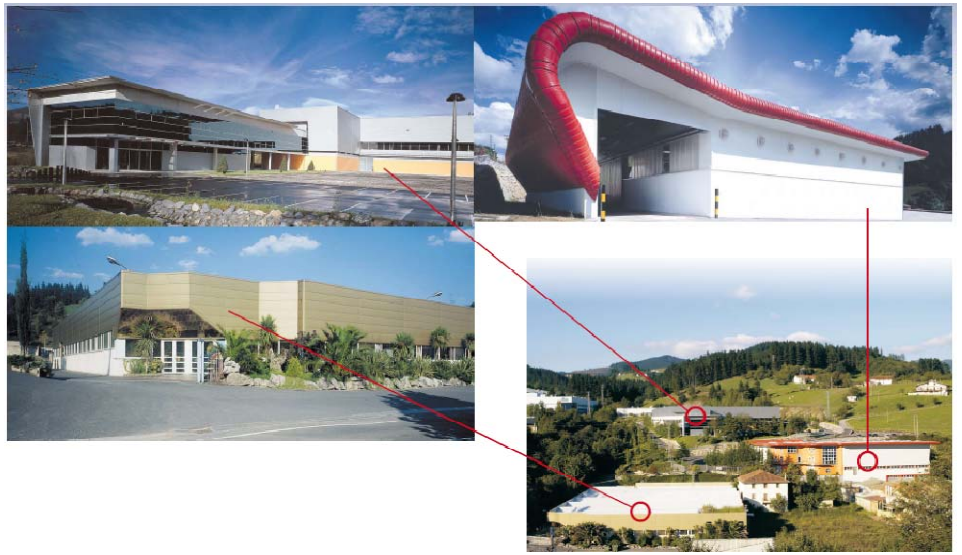
iraundi presentation

iraundi, for the past 38 years, has been designing and manufacturing special bearings with a specific aim to accommodate the needs of our customers.



1972	Incorporation of Iraundi
1975	Relocation to new plant in San Juan auzoa
1990	Expansion of plant premises
1996	Attainment of **ISO 9001** Quality Certificate
2000	Relocation of Iraundi to the current premises [7,000m^2]
2003	Refurbishment and expansion of the Irabi production plant
2007	Commencement of the manufacture of slewing bearings

70% export

3 productive plants

100 employees

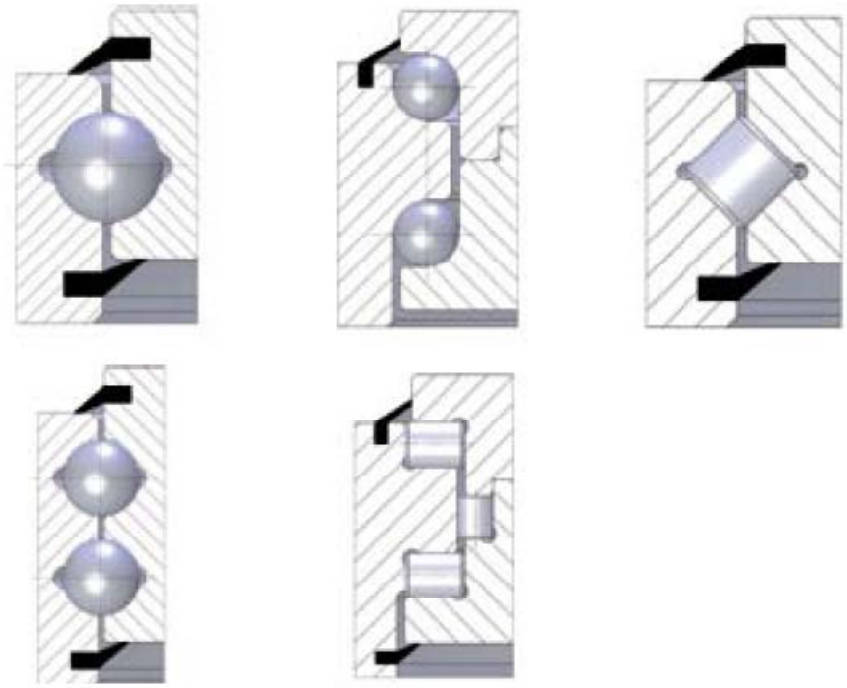
12,200m^2

SLEWING BEARINGS

iraundi **Slewing Bearing** are fully customized to cover the specific demands of each of our customer.

Our product range includes a single row ball bearing with fourpoint raceways geometry, double row ball bearing, cross roller bearing and triple row roller bearing.

We have the capacity to products both inner and outer gears.

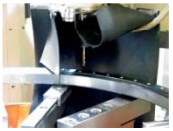


[wide range of internal constructions]

[gear configurations on demand]

SLEWING BEARINGS

MACHINE	QTY	BRAND
Vertical lathe	**6**	**Akoin, Tos, etc.**
Gear cutting machine	**3**	**Stankoimport**
Drilling machine	**1**	**Erlo**
Vertical grinding machine	**2**	**Akoin**
Vertical lather + grinding machine	**2**	**Akoin**
Induction hardening machine	**2**	**GH**
Washing machine	**1**	**Triton**
3D inspection machine	**1**	**DEA**
Testing machine	**1**	**(coming soon)**



iraundi products

SPECIAL BEARINGS

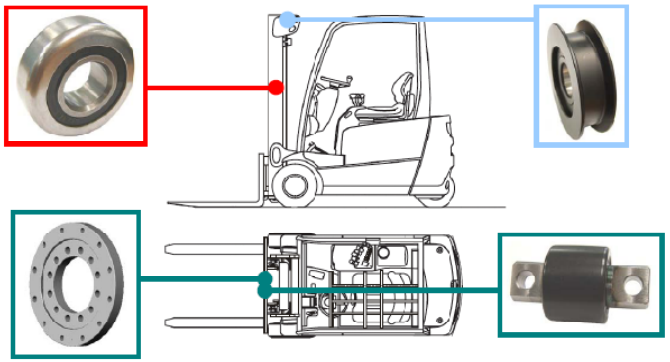
- Up to 200mm diameter
- Materials
  - **Carbon steel**
  - **Chrome steel**
  - **Stainless steel**
    - **AISI 420**
    - **AISI 303**
    - **AISI 304**
    - **AISI 316**
  - **Brass**
  - **On demand**
- Full metal bearing
- Plastic bearings
- Metal bearings covered by plastic
- Since 1972

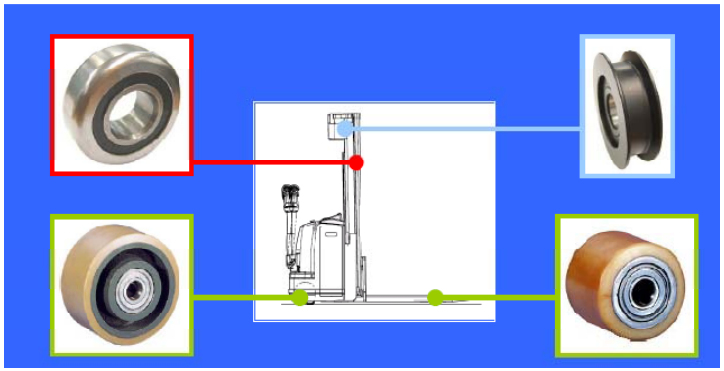
SLEWING BEARINGS

- Up to 3,200mm diameter
- Materials
  - **C45N**
  - **42CrMo4B**
  - **Stainless steel**
  - **On demand**
- Four point contact slewing bearings
- Crossed roller bearings
- 3 row roller bearings
- Since 2007

SPECIAL BEARINGS

RANGE OF BEARINGS FOR FORKLIFT TRUCKS AND PALLET TRUCKS



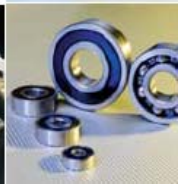


BEARINGS FOR INDUSTRIES:

- Forklift trucks
- Lift doors
- Aerial transporters
- Rollers and conveyor belts
- Car industry
- Railway
- Mobile walls and panels
- Doors
- Sliding / folding doors and windows
- Packaging machinery
- Antennas and telescopes
- Cranes

TYPES OF BEARINGS

- High temperature bearings
- Stainless steel bearings
- All plastic
- Poliurethane
- Ball, roller and needle bearings
- Thermoplastic bearings
- Brass bearing
- Standard bearings
- Others



iraundi facilities

SPECIAL BEARINGS

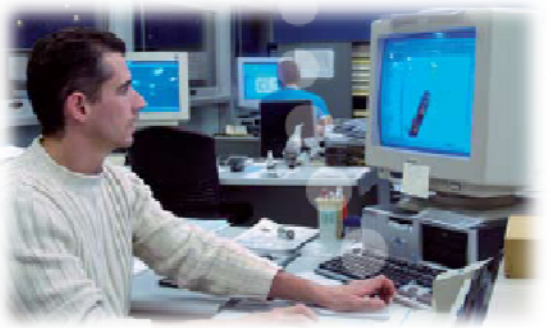
MACHINE	QTY	BRAND
Multispindle lathe	19	**Gildemeister**
CNC lathe	10	**Emco, Muratec, etc.**
Autmatic saw	2	
Centerless grinding machine	2	**Lidkoping, Estarta**
Surface grinding machine	2	**Estarta**
Race track grinding machine	10	**Voumard, Danobat**
Injection machine	4	**Krauss**
Bearing assembling line	3	
Bearin assembling machine	11	
Automatic lathe for plastic machining	4	
Washing machine	1	
Testing machine	2	
X-ray inspection	1	

CONTROL AT EACH STAGE

Iraundi fully controls the complete design, row material income, manufacturing, assembly and final inspection processes

We have a specialized group dedicated to provide effective solutions to meet each customer's needs

[**ISO9001** certification]



MATERIALS

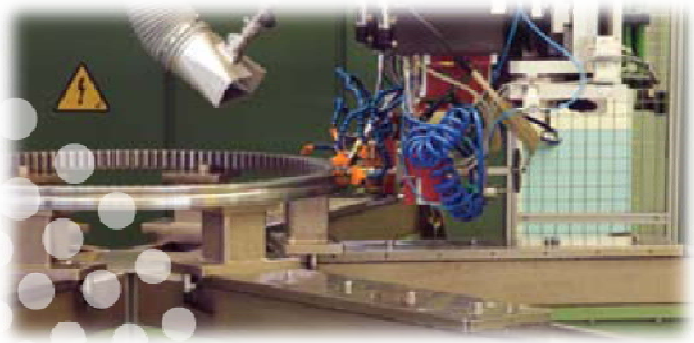
iraundi **Slewing Bearings** are made of **Steel, Chrome-Molydenum**, **Steel alloyds, Stainless steel** and more materials on demand

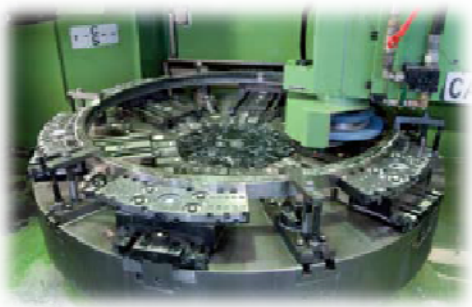
iraundi **Special Bearings** are made of **Carbon Steel, Chrome-steel**, **Stainless Steel (AISI 303, 304, 316 420), Brass, POM** and more materials on demand

HIGH PRECISION

Iraundi has focused special attention for the quality of our **Special & Slewing Bearings**.

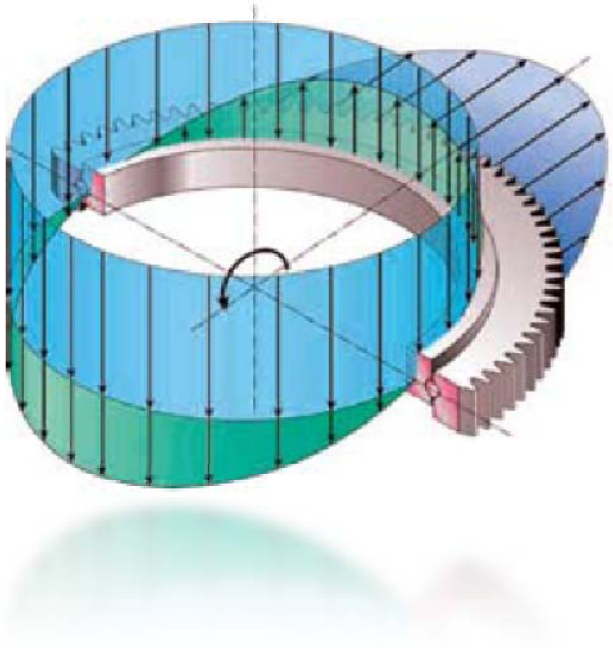
Our special & slewing bearings are available on grounded quality race tracks, which is achieved by the latest state of art machinery

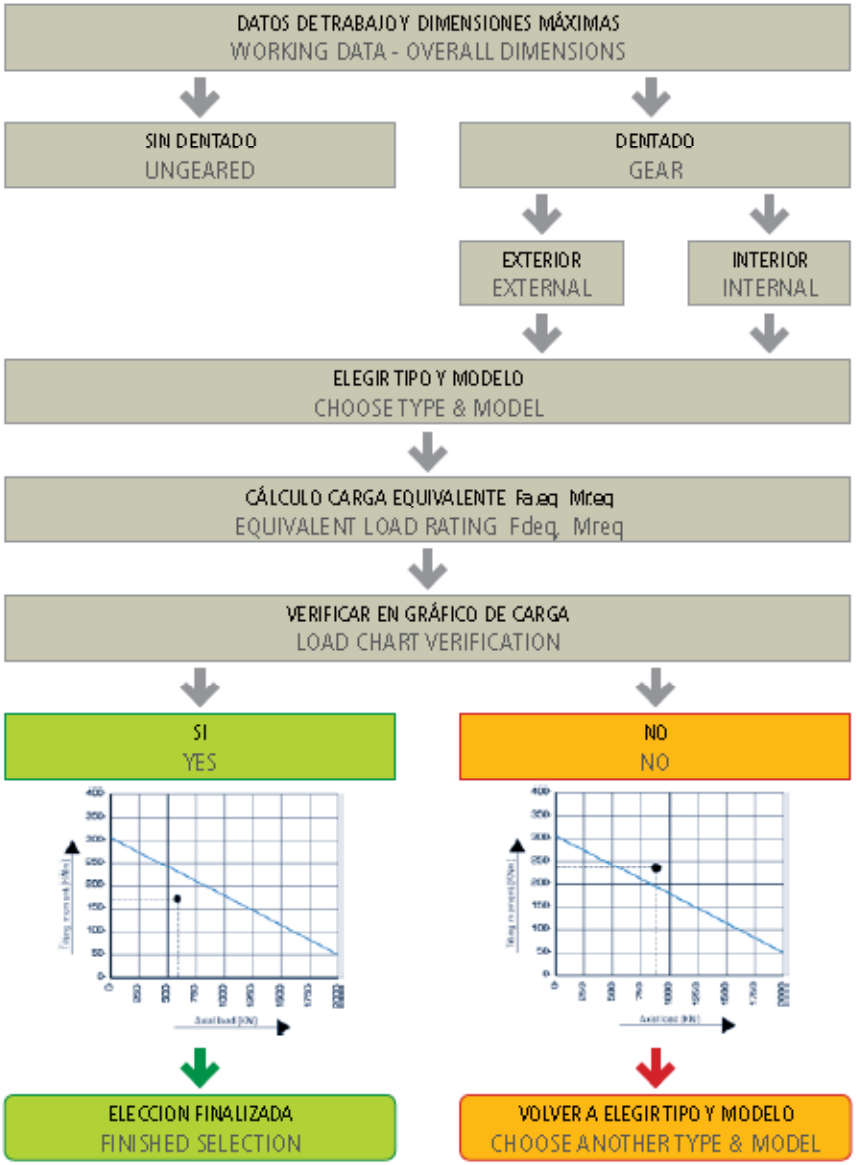




LOAD RATING CALCULATION

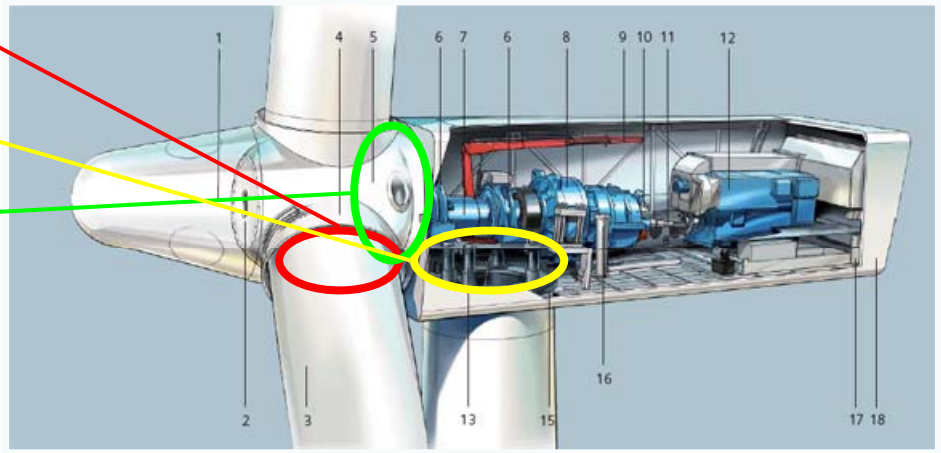
Iraundi offers a full service of Engineering, including **load capacity** and **tilting moments** the Slewing bearing is going to be applied by **FEM** (Finite Element Method), given the opportunity to develop each technical solution to each of our customers.





SLEWING BEARINGS FOR WINDPOWER

- **Pitch bearings**
- **Yaw bearings**
- **Rotor bearings**



aplications

iraundi

SLEWING BEARINGS

Cranes

Solar trackers

Machine-tools

Off-shore

Fingers

Robotics

SPECIAL BEARINGS

Lift doors

Conveyors

Railway industry

Forklift trucks

Automatic doors

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SPECIAL BEARINGS

Packaging

Mobile panels

Wardrobe sliding doors

Sliding doors & Windows

Skates