we move
Your movement solutions
With more than 20 years experience in business, the TGB group is one world’s leading companies in bearing, gearing and power transmission. The TGB group develops and manufactures high quality, innovative movement solutions for the industrial and renewable energy market.

With our own manufacturing installations in Asia and R+D centre in Europe, we are able to provide competitive solutions, customize projects and keep flexibility on production and deliveries all over the world.

The TGB Group keeps the spirit of continuous improvement, we focus our strategy to support our customer plans and we follow the market trend on technology and quality. We move your movement solutions...

**TGB SPAIN** is the company headquarters focused on commercial operations and technical support worldwide. With base in Barcelona, has a technical department which provides customized solutions and a logistics center for the shipments in Europe. With more than 3500sqm we design and supply products for all our customers.

More than 20 years of experience and more than 130.000 systems sold around the world make TGB group a reputable and relevant company in rotational and orientation systems.

**TGB SHANGHAI**, located at Shanghai city and with more than 5000 sqm, is the TGB manufacturing facility which provides different movement solutions, according with high standard of quality and technology.

Our company policy focuses on continuous improvements and follows ISO 9001. We supply products according to TS16949, providing APQP, PPAP and others quality requirements.

Having a strong supply chain system and focusing on the customer requirements is our main Goal.

With a specialized R+D team located in Barcelona, TGBgroup is able to develop in few days, new projects and customized products focusing on our client needs. This fact makes the difference between us and other companies with just standard products. We follow the market development to help the customer carry out their ideas.
**TGE Drives**
- Dual axis solution integrated in a single drive
- Size from 130mm to 760mm
- Output torques from 400Nm to 50000Nm
- Able to work with AC, DC or hydraulic motors

**TGO Drives**
- Opened and compact drive supplied with 1 or 2 worm gears
- Size from 130mm to 760mm
- Output torques from 400Nm to 50000Nm
- Able to work with AC, DC or hydraulic motors

**TGV Drives**
- Worm gear drive for vertical applications
- Bolt pattern in both sides to easily attach symmetrical structures
- Size from 130mm to 670mm
- Output torques from 800Nm to 50000Nm

**Dual Axis Drive**
- Dual axis solution integrated in a single drive
- Size from 130mm to 670mm
- Output torques from 400Nm to 50000Nm
- Able to work with AC or hydraulic motors

**Slewing Rings**
- Untoothed, External and Internal toothed rings
- Ball & Roller raceways
- Bearings from 150mm up to 3000mm diameter
- High quality steel and treatments.

**Motors & Gearboxes**
- AC electrical motors from 0.06 to 30kW
- DC brushed/brushless electrical motors with gearbox
- Hydraulic motors 25 - 630cc
- Worm & Planetary gearboxes with gear ratios from 1:10 to 1:5000

**Linear Actuators**
- Able to work with AC or DC motors
- Up to 2000mm length
- Maximum static force 100KN
- Maximum dynamic force 50KN

**Bearings**
- Axial and Radial bearings
- Ball and Roller bearings
- Pillow block bearings
- Complete range of models

**Linear Motion**
- Linear guideways
- Ball Screw
- Self-lubricant systems
- Complete range of models

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