A. Electromagnetic clutches and brakes
B. Pneumatic clutches and brakes
C. Hydraulic clutches and brakes
D. Cams and Indexing units
As far as the Index units are concerned, Goizper manufactures parallel shafts, cylindrical and globoid cam index units. We also manufacture special cams according to customers’ needs. Sectors like welding, packaging or automation in general are good examples of application of this product.

Main application:
- Automotive
- Handling
- Packaging
Globoid cam whose curve has been given a thermical treatment ensuring its high surface hardness and its great internal toughness, resisting the dynamic stresses generated by the movement.

- **No backlash through the travel and dwell position.**
- Internal locking by the cam inside the index drive.
- Control of accelerations and reduction of vibration.
- Great stopping accuracy.

**Intermittent** or **oscillating** systems:

Number of stops:
2-3-4-5-6-8-10-12-16-20-24.
Output oscillation angle:
Others on demand.
INDEXING TABLE with GLOBOIDAL CAM (PIC)

- Globoid cam with thermical treatment.
- Compact design making the unit more economical.
- Big output plate diameter with large hollow shaft.

- No backlash in the dwell position.
- Control the accelerations & no vibration.
- Internal locking by the cam inside the table.
- Great stopping accuracy.

Number of stops:
2-3-4-5-6-8-10-12-16-20-24 and others on demand
INDEXING TABLE with BARREL CAM (PGI)

- Cylindrical cam with thermical treatment.
- Position of cam followers on important radius to provide high rigidity.
- High capacity roller crossed bearing (by PGI 760).
- Fixed centered column with large hole.
- Interlocking performed by the cam inside the table.
- Control of accelerations and reduction of vibration.
- Great stopping accuracy.

Number of stops: 2-3-4-5-6-8-10-12-16-20-24
Others possible on demand.

Exists on FLEXIBLE driven by Servo motor.
INDEXING TABLE with BARREL CAM (PGI)
INDEXING TABLE with BARREL CAM (PGI)

- Cylindrical cam with thermical treatment.
- Fixed centered column with large hole.
- Position of cam followers on important radius to provide high rigidity.
- Interlocking performed by the cam inside the table.
- Great stopping accuracy.

Number of stops: 2-3-4-5-6-8-10-12-16-20-24 or special.
Globoid cam with thermical treatment.
- Compact design making the unit more economical.
- **No backlash through the travel and dwell position.**
- Control of accelerations and reduction of vibration.
- Interlocking performed by the cam inside the index drive.
- Great stopping accuracy.

Number of stops:
2-3-4-5-6-8-10-12-16-20-24 and others on demand.
The input-shaft is the cam-shaft. Two combined-action flat cams, made of ground hardened alloy steel are accommodated in.

The output shaft or turret with cam followers that transmit the movement generated by the cams, causing the intermittent rotary movement.

**Intermittent** or **oscillating** systems:
Number of stops: 1-2-3-4-6-8.
Output oscillation angle: 10-15-30-45°
Others on demand.
- Cylindrical cam.
- **Fixed** or **flexible** (servo) stroke.
- Stroke:
- **On demand** – Max 3500 mm.
- Load up to 5000 kg.

- Can be installed as:
  - Simple column
  - Double columns (tandem)
  - 4 synchronized columns

**Tandem stroke 1500 mm for aerospace industry**
Goizper manufacture also press feeders, part handlers and special cams:

- Flat cam
- Cam for tools changer ATC
- Cam with triple dwell zones
- Radial groove cam
- Cylindrical cam
ROTPARY INDEX DRIVES CUSTOMERS
Goizper has a Technology Center to develop our Research and Innovation solutions – OLAKER.

Our R+D+I department together with our Technical Team, offers a complete and integral service covering the study of the concept, design, materials, prototypes, testing and validation analysis of our application solutions.

Our main concern is to develop new application solutions maintaining our high levels of quality employing the latest technologies.
GOIZPER’s first and main target is our customers’ satisfaction. For this purpose, we understand that it is critical to offer products that accomplish the specifications of the applications.

GOIZPER obtained ISO – 9001 certification in year 1994, certification emitted by the German company TÜV.
GOIZPER INDUSTRY’S INSTALLATIONS

• We have a really updated workshop with machinery that is suitable for our range of products, based in our production, flexible and in short batches.

• Moreover, our Engineering department prepares the different programs by using CAD – CAM, and transmit them directly to the different machining centers.

• Our Technical department analyses our customers’ requirements searching for the best solutions for every application.
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