
Corporate
Prefabricados
Delta

# Value addition

Capacity for large projects:
Beams Riyadh

Experience since 1968.
More than 50 years

High added value
products

Careful with the
environement





**Benchmarks in hydraulic and railway works**

**Quality**

**Health and Safety**

**4 factories:**
**Puente Genil pipelines**
**Puente Genil railway**
**Humanes concrete**
**Humanes GRP**

# Actividades

## Hydraulic works. Products

- Prestressed concrete pipe with steel cylinder
- Reinforced concrete pipe with steel cylinder
- Drive pipes
- Elastic joint specialists
- Glass reinforced pipe

## Railway projects

- Monoblock railway sleepers
- Bi-block plate track railway sleepers
- Precast prestressed slabs for plate track
- Gauges: International, national, polyvalent and mixed

## Other prefabricate

- High span precast beams
- Concrete segments for tunnels
- Concrete segments for viaducts



Glass reinforced pipe




Prestressed concrete pipe with steel cylinder



Monoblock railway sleepers

# Projects
# Hydraulic works

## Hydraulic works: Irrigation

**Community of irrigators Genil Cabra,** Córdoba. (Since 1987).

**Community of irrigators Fresno,** Huelva. (Since 2003).

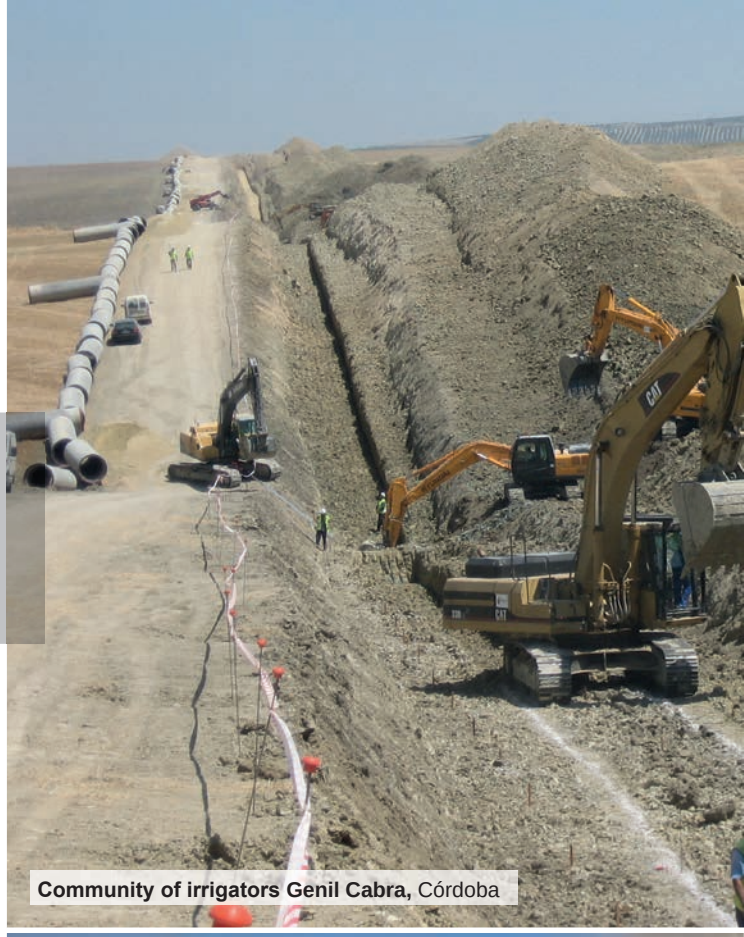
**Irrigable area Paramo,** León. (Since 2012).

**Community of irrigators Puntal,** Huesca. (Since 1987).

**Community of irrigators Soses,** Lleida. (Since 2007).

**Community of irrigators Riegos de Levante y Albatera,** Alicante. (Since 1987).

**Community of irrigators of Payuelos,** León. (Since 2010).



**Community of irrigators Genil Cabra,** Córdoba



**Community of irrigators of Paramo,** León






**Prestressed concrete pipes with steel cylinder Alentejo.,** Portugal



**Drive pipes. Reservoir La Loteta,** Zaragoza




**Community of irrigators of Lasesa,** Huesca

**Community of irrigators of Lasesa,** Huesca. (Since 2018).

**Irrigable area of Alqueva,** Portugal. (Since 2006).

**Community of irrigators of Adaja,** Ávila. (Since 2002).

**Community of irrigators of Zújar,** Badajoz. (Since 1992).

**Irrigable of Chanza,** Huelva. (Since 1990).

# Projects
# Hydraulic works

## Hydraulic works: Supplies

**Water supply to** Madrid. (Since 1968).

**Water supply to** Lleida. (Since 2002).

**Water supply to** Badajoz. (Since 2001).

**Huesna system,** Sevilla. (Since 1998).

**Water supply to** Toledo. (Since 1996).

**Water supply to** Tarragona. (Since 1987).

**Water supply to** Guadalajara. (Since 1981).

**Water supply to** Bilbao. (Since 1987).



**Concrete pipe with double elastic joint**



**Water supply to** Madrid







**Fittings of concrete pipe with steel cylinder**



**Water channel of the Siphon of the Piedras** Huelva



**Installation concrete pressure pipe with steel cilinder**

# Projects
# **Hydraulic works**

## Hydraulic works: Sanitation

**Sewage Bahía de** Santander. (Since 2001).

**Sewage to** Málaga. (Since 1983).

**Sewage to** Madrid. (Since 1981).

**Sewage to** Valencia. (Since 1991).

**Sewage Ría Ferrol.** (Since 2013).

**Sewage Novelda-Monforte del Cid.**
(Since 2007).

**Sewage Isla Cristina-La Antilla.** (Since 2008).

**Reutilization WWTP Albufera Sur.**
(Since 2009).



**Community of irrigators of Adaja,** Ávila



**GRP pipe manufacturing**





Transport of concrete presure pipe with steel cilinder



Reinforced concrete pressure pipe with steel cilinder



GRP pipe storage



Fabrication concrete pressure pipe with steel cilinder

**Sewage in Aboño** Gijón. (Since 2010).

**Sewage WWTP** Tarragona. (Since 2010).

**Colector Santoña Laredo.** (Since 2012).

# Projects
# Railway works

## Railway works

**High Speed Railway Madrid-Sevilla.** (Since 1989).

**High Speed RailwayMadrid-Barcelona.** (Since 2000).

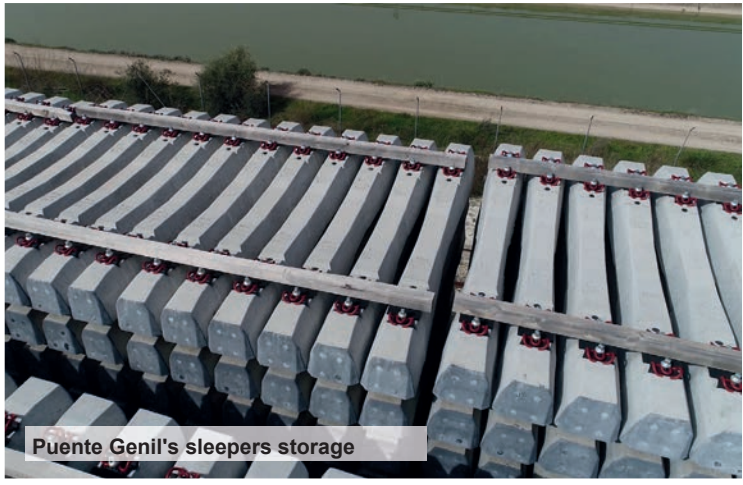
**High Speed Railway Madrid-Valencia.** (Since 2007).

**High Speed Railway Madrid-Galicia.** (Since 2012).

**RENFE and ADIF mantenaince South area and Center area.** (Since 1992).



Sleepers for slab track. HS Galicia



Puente Genil's sleepers storage





Sleepers HS Córdoba - Málaga



Concrete sleepers three width

**Sleepers for slab track in Pajares tunnels,** High Speed Railway León-Asturias. (2014).

**Slab track tunnels and viaducts High Speed Railway Galicia.** (Since 2017).

**Versatile width bi-block sleepers for renovation of tunnel of Atocha - Recoletos - Chamartín,** Madrid. (Since 2019).

# Projetcs
# **Other Prefabricates**

## Other prefabricates

**Concrete segments tunnel lining for the** Metro Madrid. (Since 1997).

**Concrete segments tunnel Calle 30 Madrid.** (Since 2006).

**Concrete segments for bridges Despeñaperros N-IV** Jaén. (Since 2008).

**Viaducts for Metro Riyadh in** Saudi Arabia. (Since 2015).



**Concrete segments for bridges Despeñaperros A-IV,** Jaen



**Concrete segments tunnel Calle 30, Madrid**

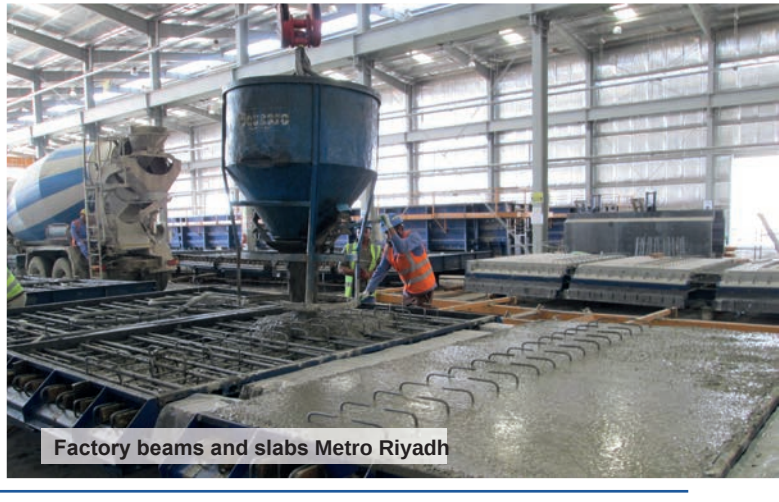




Precast beams Metro Riyadh



Concrete segments tunnel lining for the Metro Madrid



Factory beams and slabs Metro Riyadh

# Prefabricados Delta

- **More than 5200000 railway sleepers**
- **More than 160000 concrete** segments
- **More than 12000 meters for** viaduct beams
- **More than 2400 kms of** water pipes
- **65 supplies** for different cities and towns
- **75 different sanitation works**
- **125 Irrigation Communities.**
  **more 900.000 hectares** of irrigated area
- **2.400 kilometers** of pipelines
  - 800 kilometers of GRP pipes
  - 1.600 kilometers of concrete pipes with steel cylinder


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