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PRECISION GEARS PRODUCTION



Company videos

[From Gears to Greatness](#)
[International standards](#)
[From model to masterpiece](#)
[Gear in motion footprint locked](#)

Founded
1979

Employees
32

Turnover
5 Mio

Certifications

UNI EN ISO 9001: 2015

MOCA



Strenghts

- Support from project concept through to the finished product
- Climate-controlled working environment, including production areas
- Reverse engineering
- Revamping
- Automated warehouse

Sectors

- Steel industry
- Earthmoving
- Pharmaceutical
- Packaging
- Food & Beverage
- Aerospace
- Heavy equipment
- Handling



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Technologies

- Construction of mechanical parts related to motion transmission
- External gear cutting
- Milling
- Turning
- Broaching
- Gear Hobbing
- Gear Grinding (internal/external)

Materials

- Alloy steels
- Carbon steels
- Case-hardening steels
- Stainless steels
- Cast iron
- Copper alloys
- Aluminium alloys

Contacts

Sales Office

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Machinery

GEAR HOBBLING MACHINES

- 1 External gear hobbing – HURTH MODUL type 0.5 CNC
- 1 External gear hobbing – HUAWIN
- 1 Hobber – PFAUTER
- 1 Hobber – CIMA
- 1 Hobber + Milling – WMW HECKERT type ZFWVG 250/3150
- 1 Hobber + Milling – WMW HECKERT 1000
- 1 Hobber + Milling – WMW HECKERT type ZFWVG 250/800/4
- 2 Hobber – MODUL
- 4 Internal/External Shaper cutters – LORENZ
- 1 Hobber – CIMA CNC

MILLING MACHINES

- 1 5-axis CNC Milling – BRETON FLYMILL 11300
- 1 5-axis machining center – DMW 100T
- 1 TC TCS CI DA – SERRMAC
- 1 Tapping drill – TIGER cnc
- 1 4-axis machining center – SACHMANN cnc
- 1 4-axis machining center – Fixed bed CNC milling machine LAGUN mod BM 4

GRINDING MACHINES

- 1 External & Internal CNC grinding – NILES KNG 12P MASTER
- 1 External CNC grinding – HOFER HELIX 700
- 1 Internal / External grinding – FORTUNA
- 1 Universal grinding – RIBON
- 1 Gear grinding CNC – HOFER HELIX 400
- 1 Gear grinding CNC – HOFER HELIX 700
- 1 Tangential grinding – ROSA IRON CN 11.6
- 1 Internal / External CNC grinding – MORARA QUICKGRINDER
- 1 Gear grinding CNC – HOFER HELIX 400 K



Machinery

TURNING MACHINES

- 1 High-precision turning machine – DOOSAN PUMA 600 LM
- 1 Lathe – DOOSAN PUMA 2100L
- 2 Lathes – GRAZIANO
- 1 Lathe – BIGLIA CNC
- 1 Lathe CNC + y-axis – BIGLIA
- 1 Lathe – DOOSAN PUMA 400 MB
- 1 Lathe – MAZAK INTEGREX 200-IIY

SHAPING MACHINES

- 1 3-axis – CAMS CNC SHAPING MACHINE
- 1 CNC 3 AXIS – CAMS
- 1 CNC 4 AXIS – CAMS
- 1 CNC 4 AXIS – CAMS
- 1 Tool – UTILBROCCE
- 1 Tool – VARINELLI

METROLOGY ROOM

- 1 3D measuring machine – LEITZ XI 26.15.14
- 1 3D measuring machine – JOHANSSON
- 1 3D measuring machine – TIGO SF
- 1 Digital altimeter Class AD – TESA Micro-hite 600
- 1 Roughness tester – MITUTOYO
- 1 Profile projector – MICROTECNICA
- 2 Instrument calibration machine 1/1000 – TAR-AL 500, TAR-AL 1500
- 1 Hardness tester – Officine Galileo
- Various Calipers, Micrometers, Bore gauges, Go/No-Go cylindrical gauges, Go/No-Go gear gauges

ELECTRICAL DISCHARGE MACHINE

- 1 Wire EDM machine – MITSUBISHI EL. MV2400-S