



**Gear manufacturing,
CNC machining
and consulting services**

**spur, helical, bevel gears, sprockets,
worms, racks and others**

Customers

plastic industry

environmental industry

chemical industry

food industry

textile industry

aerospace industry

tobacco industry

military industry

Machine tool industry

packaging machines and lines

paper industry

manufacturing industry

About us...

- GMCtech s.r.o is an engineering company specializing in gears production
- history of the company dates back to 1990´
- GMC tech s.r.o. was established in 2006
- 2019/2020 new production site in Baška

CURRENTLY

- a complete portfolio of machines for production of standard types of gears (see on next pages)
- measuring instruments for inspection (see page num.)

Basic data

50+ employees

production site - Baška

production area > 1700m²

8700 types of products

35 production machines

turnover 2022 > over 5 million EUR

delivery worldwide



Production program

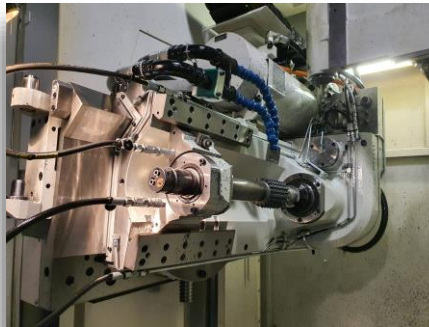
CNC turning Marking
CNC drilling and milling
gear optimization shaping
gear hobbing pull broaching
slotting grinding
repair of industrial gears and gearboxes gear grinding
gear inspection on measuring instruments

We ensure production, heat treatment, surface treatment and other technologies in within the form of cooperation. We offer transportation to our clients as well.



Gear hobbing

- Gleason Pfauter P600/800 > $\varnothing 1000\text{mm}$ x 1500mm length, max. module 20, CNC
- Pfauter PE80 > $\varnothing 100\text{mm}$ x 200mm length, max. module 3, CNC
-  Songma SH210 > $\varnothing 350\text{mm}$ x 660mm length, max. module 6, CNC
- Pfauter P500 > $\varnothing 500\text{mm}$ x 500mm length, max. module 16, CNC
- Lees-Bradner > worms cutting



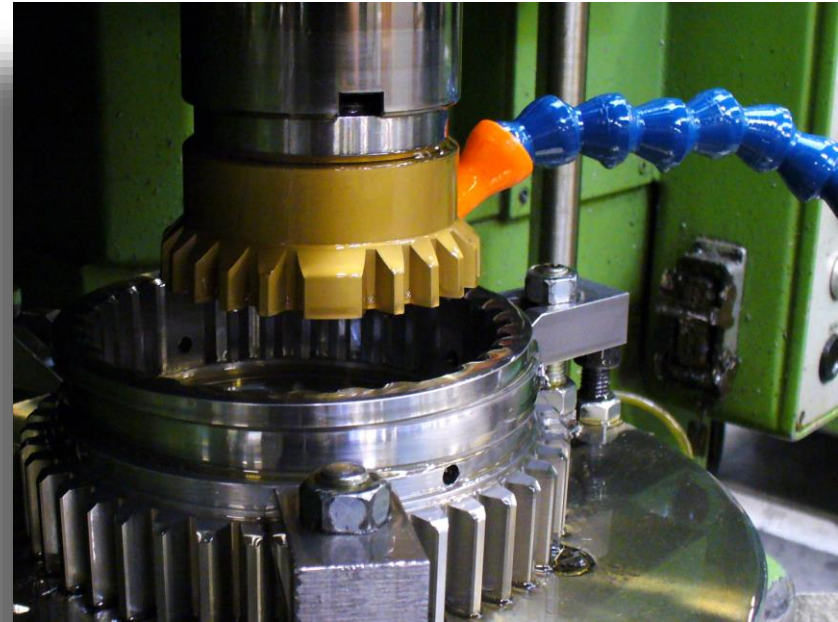
Gear grinding

- Gleason P600/800 G > $\varnothing 750\text{mm}$ x 1500mm length, max. module 20, CNC
- Reishauer RZ 301S > $\varnothing 300\text{mm}$ x 400mm length, max. module 6, CNC



Shaping

- Lorenz LS 630 > gear slotting, $\varnothing 800\text{mm}$, max. module 10, big bore ($\varnothing 800\text{mm}$) table, length of piece up to 1000 mm with diam up to 400 mm
- Lorenz LS 630 > gear slotting, $\varnothing 800\text{mm}$, max. module 10, big bore ($\varnothing 800\text{mm}$) table, length of piece up to 1200 mm with diam up to 400 mm



Pull Broaching / deburring



- Artur Klink RIW 10x1250x400
- Hoffman 2000
- Frömag RA 100/750 , key seating machine
- gear chamfering
- gear rounding

CNC turning



- Doosan LYNX 2100LA > $\varnothing 200\text{mm}$ x 500mm length
- Doosan Puma GT2100 > $\varnothing 250\text{mm}$ x 550mm length
- Doosan Puma 2600YB > $\varnothing 350\text{mm}$ x 750mm length, C, Y axis and rotary tools
- Doosan Puma 300LMA > $\varnothing 400\text{mm}$ x 1350mm length, C axis and rotary tools, lunette

- Hwacheon Hi-TECH-700 > $\varnothing 700\text{mm}$ x 2000mm length, C axis and rotary tools, lunette
- Doosan Puma 5100 > $\varnothing 500\text{mm}$ x 1000mm length
- Goodway GLJ-2 > $\varnothing 200\text{mm}$ x 450mm length



CNC drilling and milling

- Doosan DNM 6700 > vertical machining center,
work table 1500 x 670mm,
X axis 1300mm, Y axis 670mm, Z axis 670mm
and 4th rotary axis



Grinding

NEW

- STUDER Favorit_1044 – CNC external and internal cylindrical grinding
ø350mm x 1000mm length, 150 kg
- TOS BUA 25/630 - cylindrical grinding,
ø250mm x 630mm length
- TOS BH 40A - cylindrical grinding,
ø400mm x 2000mm length
- BPH 300 - surface grinding machines



Gear inspection

- Wenzel LH87 - 3D measure machine
+ gear measure addition
- Gleason 475GMS - 3D measuring gears
up to 475 mm in diameter
- GearSpect DO-3 - gear inspection machine
- Hofler - double flank gear testing



MARKING

- [illegible]



TRANSPORTATION



Quality

- Certifications of the Quality Management System
- production is controlled by ERP software to ensure full traceability
- the circulation of documentation is controlled by barcodes
- documentation is archived for any requests by clients
- all the reports concerning product quality are provide to our clients upon request



Czech railways supplier certification



EN ISO 9001:2015

Our objectives

- expand into foreign markets and to develop production to the satisfaction of our clients
- invest all our funds into the purchase of machines and machine equipment
- 2024/25 - investment into new grinding and hobbing machines
- improve our know-how through the education and training of our staff



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