

# COMPETENCES – VALUES – TECHNOLOGY:

THREE PROMISES, ONE NAME: CVT



# ABOUT US

For our customers, especially from the automotive industry, we develop ready-to-install complete solutions of the highest complexity and precision. CVT's specialisation pays off: experienced employees, above-average performance and modern equipment enable a wide range of products. Besides gears and worms, we also produce assemblies up to large series and since 1992 also long and short turned parts. Our CNC long turned parts are manufactured in our plants PTS-Precision GmbH, Schwerin and CVT-Kunshan, China.



 **3**  
PLANTS

 **185**  
EMPLOYEES

 **1979**  
FOUNDATION CVT

 **2008**  
FOUNDATION PTS

 **2017**  
FOUNDATION KUNSHAN

 **27.500**  
m<sup>2</sup> PRODUCTION AREA



# WE'RE MAKING REAL PRODUCTS

Our products have a highly reliability and are used in the automotive section, power tools and home appliance. The application of our parts, reaches from electrical and manual seat adjustment, over engines, gearboxes and pumps to actuators and the entire engine management.





# TURNING PARTS



## Long turned parts:

- $\varnothing$  max. 38 mm

## Short turned parts:

- 65 mm max. spindle opening
- 175 mm max. collet chuck bores
- 650 mm turning length

# GEARED PARTS



- up to module 5.0
- max.  $\varnothing$  120 mm
- max. length 250 mm
- Helix Angle  $\pm 45^\circ$
- Hard machining process: skiving

# SUBASSEMBLIES



- Automated in-process-inspection 100% with single documents documentation
- High flexibility due to redundant systems
- Assembly with the latest state of the art technology 4.0



# WORMS

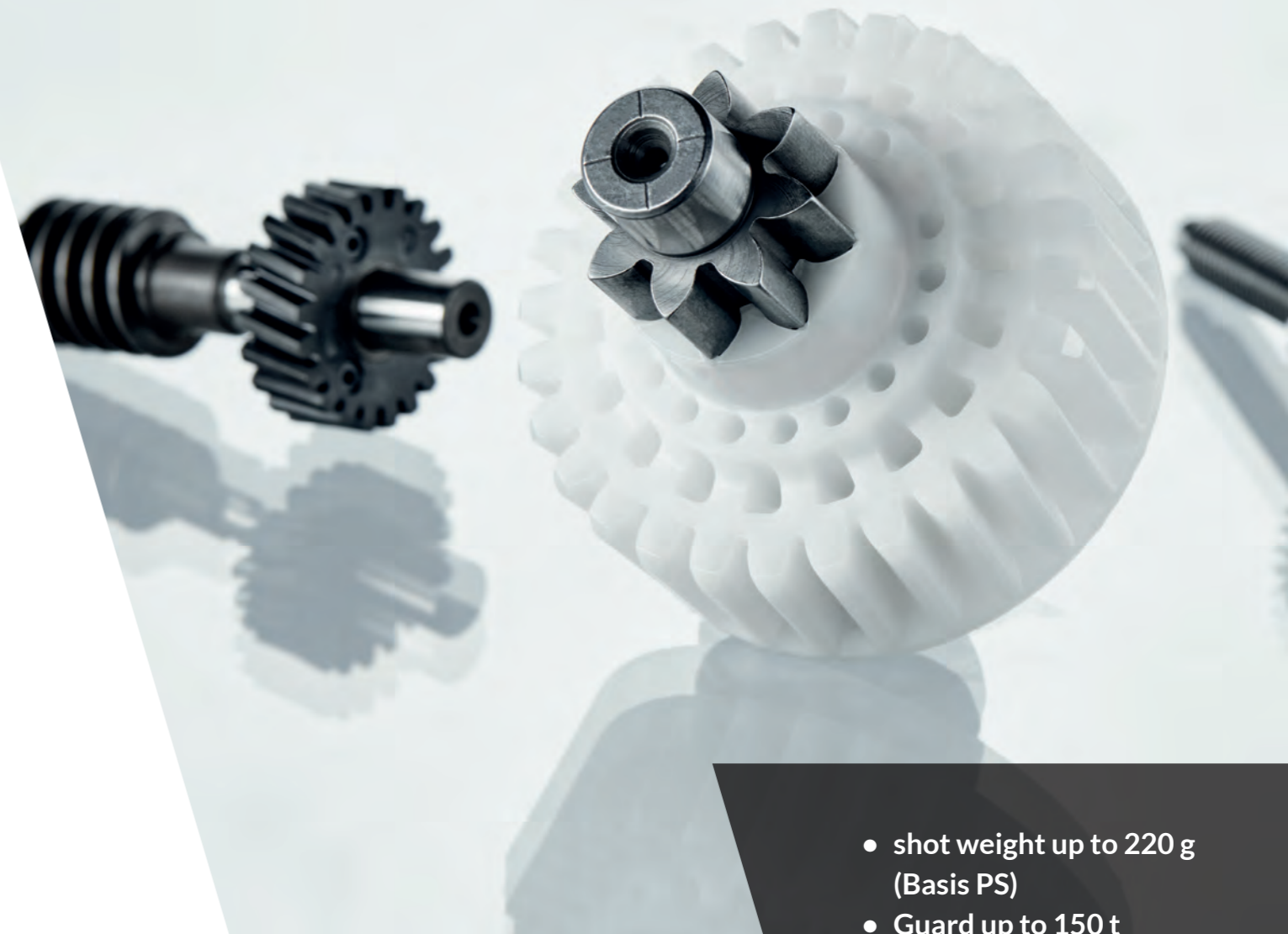
- up to module 3.0
- max.  $\varnothing$  60 mm
- max. length 250 mm
- milling, chasing, forming, PST®



We are worldwide the only vendor who can offer his partners all known production processes from milling, to chasing and forming right up to PST®.

PST means Power Skiving Thread, it's a by CVT developed production process, for the manufacturing of worms in high-end-quality.

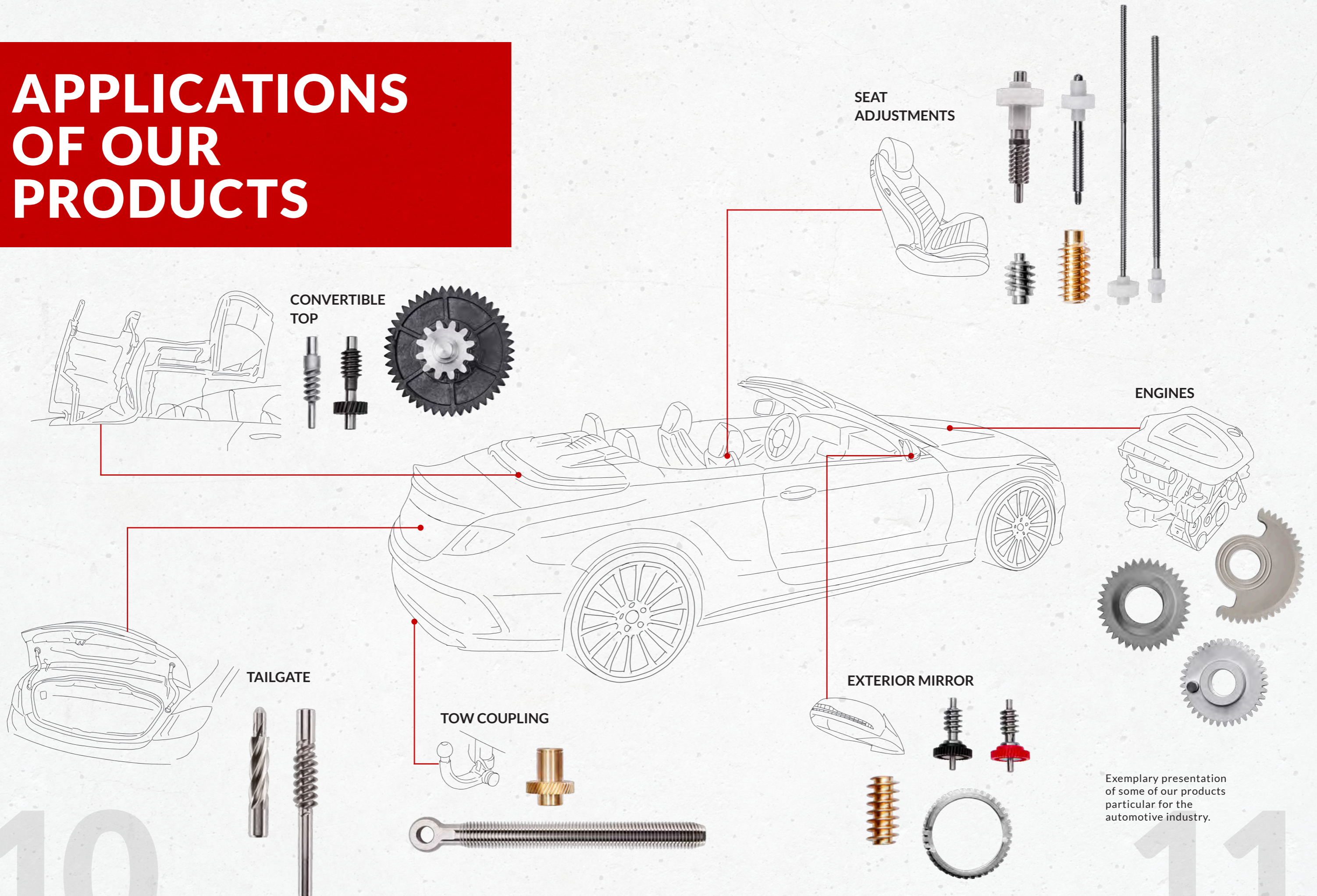
# INJECTION MOULDING



- shot weight up to 220 g (Basis PS)
- Guard up to 150 t
- Insert technology



# APPLICATIONS OF OUR PRODUCTS



Exemplary presentation of some of our products particular for the automotive industry.





**PTS-PRECISION  
PLANT SCHWERIN,  
GERMANY**

Total area: 4.500 m<sup>2</sup>

**KUNSHAN CVT CAPELLMANN  
PLANT KUNSHAN,  
PROVINZ JIANGSU  
CHINA**

Total area: 4.000 m<sup>2</sup>

**CVT-CAPELLMANN  
PLANT GOSHEIM,  
GERMANY**

Total area: 19.000 m<sup>2</sup>

## CONTACT

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