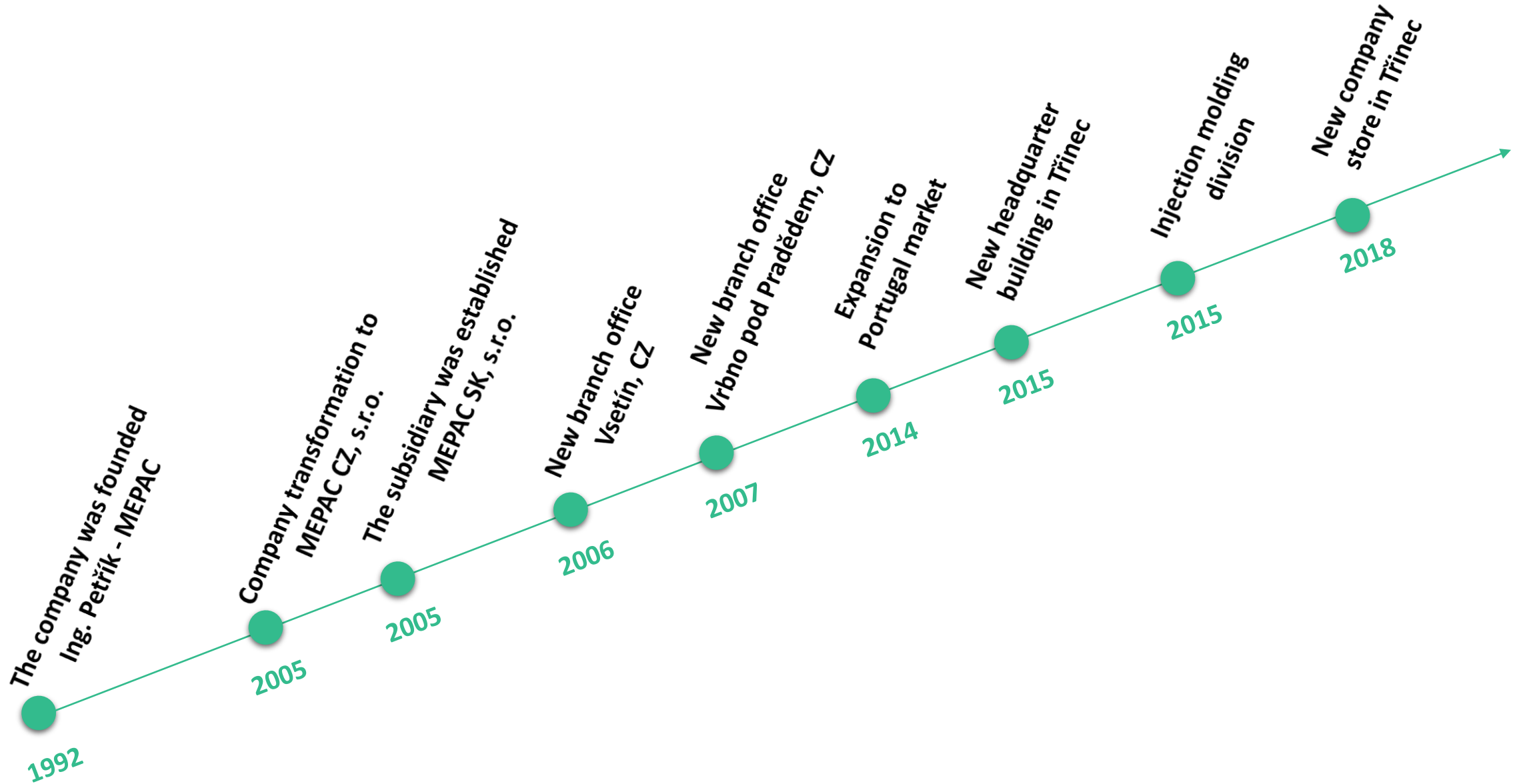


MEPAC SK

PRECISION ENGINEERING SINCE 1992

History timeline





MEPAC GROUP

6,6 Mio EUR

MEPAC SK

1,5 Mio EUR



up to 100

17



ISO 9001:2015



up to 8 000 customer



9



Company services



**Production and repair
of molds and tools**



Laser systems



Precision engineering



**Collaborative robotics
and automation**



**Tools, machines
and equipment**



Development



Production technology is designed for:

- production of molds up to 3500kg
- production of molds for blowing PET bottles
- production of new serial forms or small-lot molds
- production of prototype parts for development
- production of mold cores, tools etc.

Mold, tools repair department services:

- repair of molds up to 20 000 kg (on-site at a customer unlimited)
- repair of tools
- laser welding, engraving, hardening
- welding TIG,MIG
- polishing up to mirror shine
- tilling, patterning, coating, wrong spots correcting
- almost all our services we're able to do on-site at a customer too



Welding laser systems :

- awards winning precision technology developed by MEPAC
- welding of damaged shapes on molds and tools of every weight
- cost-effective solution for customers
- our welding services are available also on-site at a customer

Engraving laser systems :

- developed by MEPAC
- engraving to every material (molds, plastics, ceramics, glas etc.)
- cost-effective solution for customers
- our engraving services are available also on-site at a customer

Cutting laser systems :

- developed by MEPAC
- smooth and shiny cut even at min. thickness of 0,1 mm cutting gap
- production of spacers fot staple tools, or molds
- great usage for all industry sectors



CNC machining :

- CNC milling, CNC EDM machining, CNC wirecutting, CNC electrodes production

CAD, CAM design:

- complete CAD, CAM desing

3D measuring:

- machine table capacity 1 000kg with range X: 800mm Y: 1000mm Z: 700mm

Laser scanning:

- maximum weight of piece 1 000kg with max.dimensions 700x800x600mm
- scanner resolution $\pm 0,02$ mm

Optical scanning:

- can be installed on your desk
- optimized for system of quality and reverse engineering

Reverse engineering:

- complete solution from scanned point clouds to reality



Collaborative robotics:

- cost-effective solutions for sorting, inserting, drilling , grinding, optical control etc.
- robots from 1,2kg payload
- any type of industry segment
- applications with FANUC, HAN*S ROBOT, and EVA robots



All in one at MEPAC:

- strip and flat sheets of steel and brass material
- grinding and polishing tools
- HM rotary tools, TK cutters for machining
- diamond tools and CBN tools
- electric grinders and micromotors, pneumatic grinders and pliers
- optical tools for toolmakers
- antistatic requirements
- lubricants, greases, sprays, oils
- welding materials (laser, TIG)
- equipment for the workshop



3D Smart holder:

- unique patented technology by MEPAC
- usable as a 3rd hand in many production segments with positioning force 16N

Mold opening system:

- a clever solution from MEPAC for mold opening up to 10 tons
- ready in the manual and electric version

Tilting and adjustable table:

- a clever solution from MEPAC for workshop
- table tilting apart at 15° and to self at 60°
- middle circle part of the table can tilt at 360°

Laser systems:

- awards winning laser technology
- precise solutions for every industry segment

Thank you for your attention



www.mepac.sk

