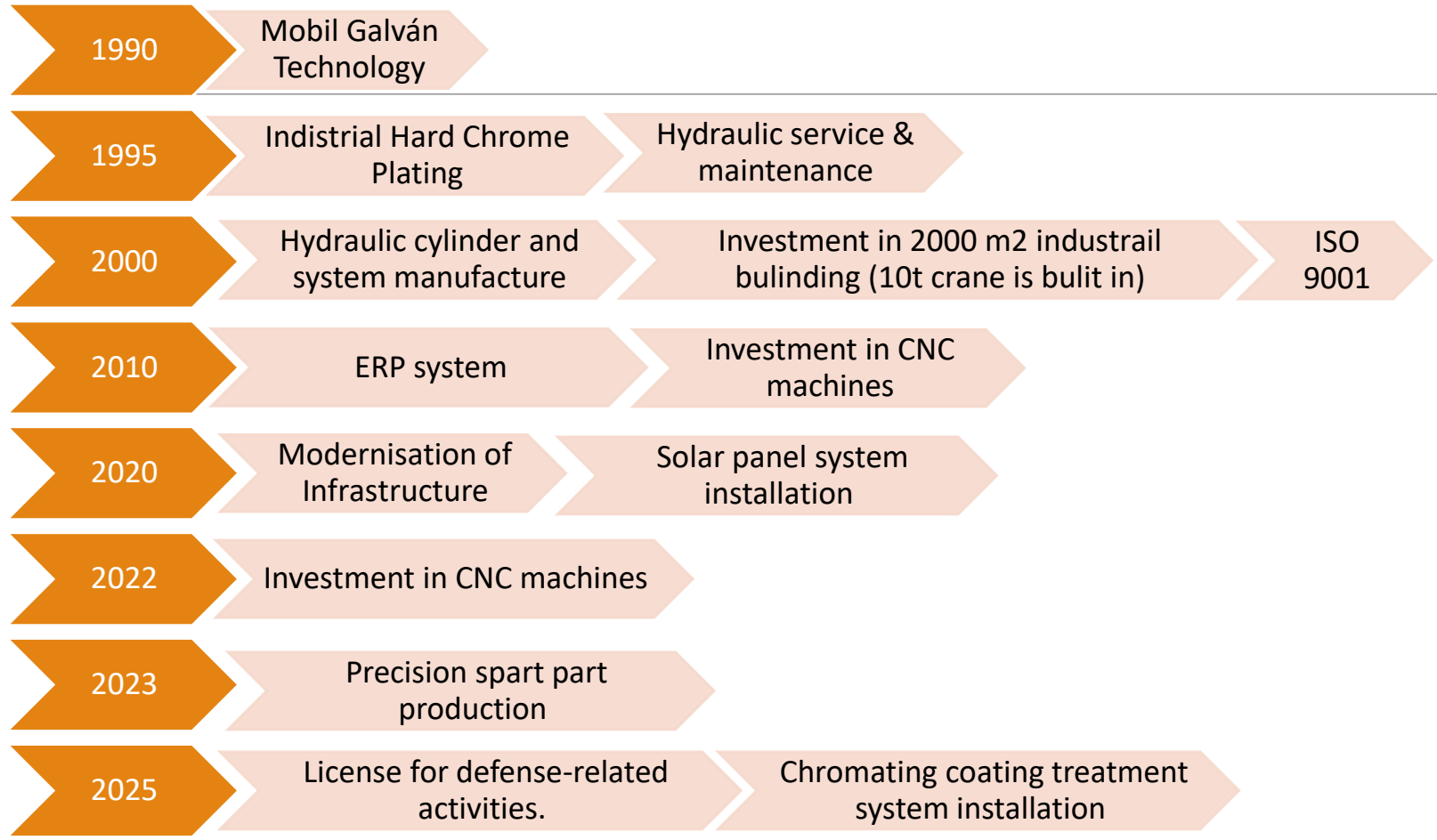




DEFENSE-CAPABLE HYDRAULIC MANUFACTURING

ENGINEERING – DESIGN –
PRODUCTION AFTER SALE SERVICE

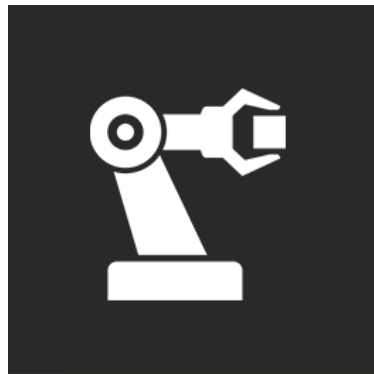
Milestones



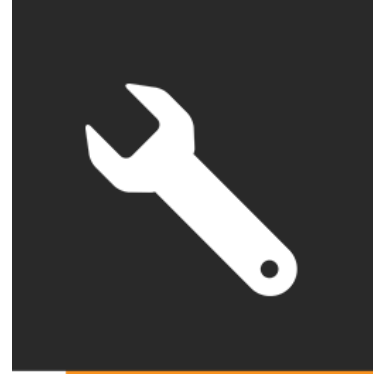
Complex Engineering Solution



**Engineering
Reverse
Engineering**



**Production
Metal working
Welding
Assembly**

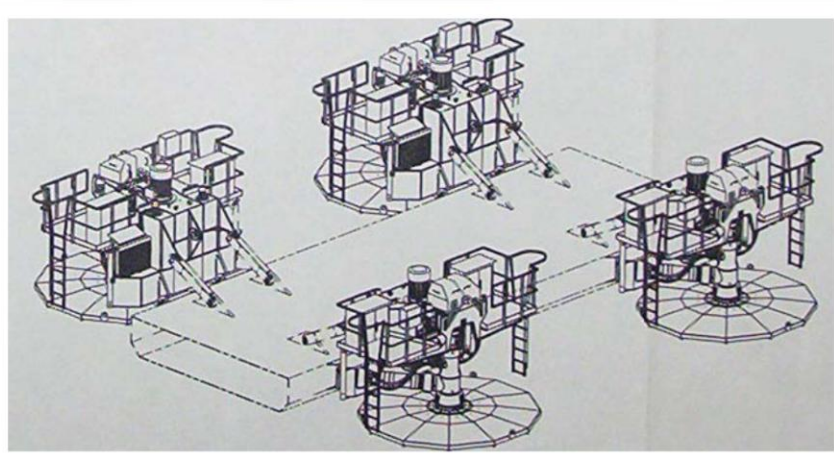


**Maintenance
Service**



**Hardchrome
plating**

Complex Hydraulic Solution



Hydraulic walking unit design and production to Czech open mine application

The walking unit is able to lift up the whole construction and move its thousands of tons step by step in every single way.

The whole project started with engineering, design, whole production was done in our workshop.

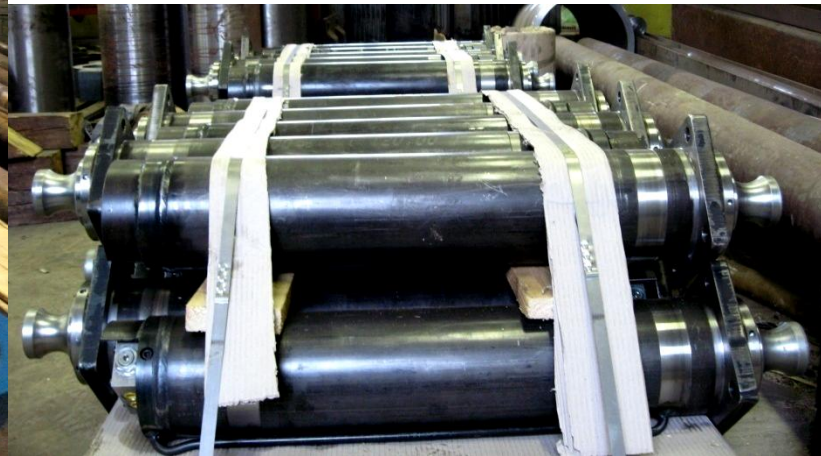


Applications



STANDARD HYDRAULIC CYLINDER

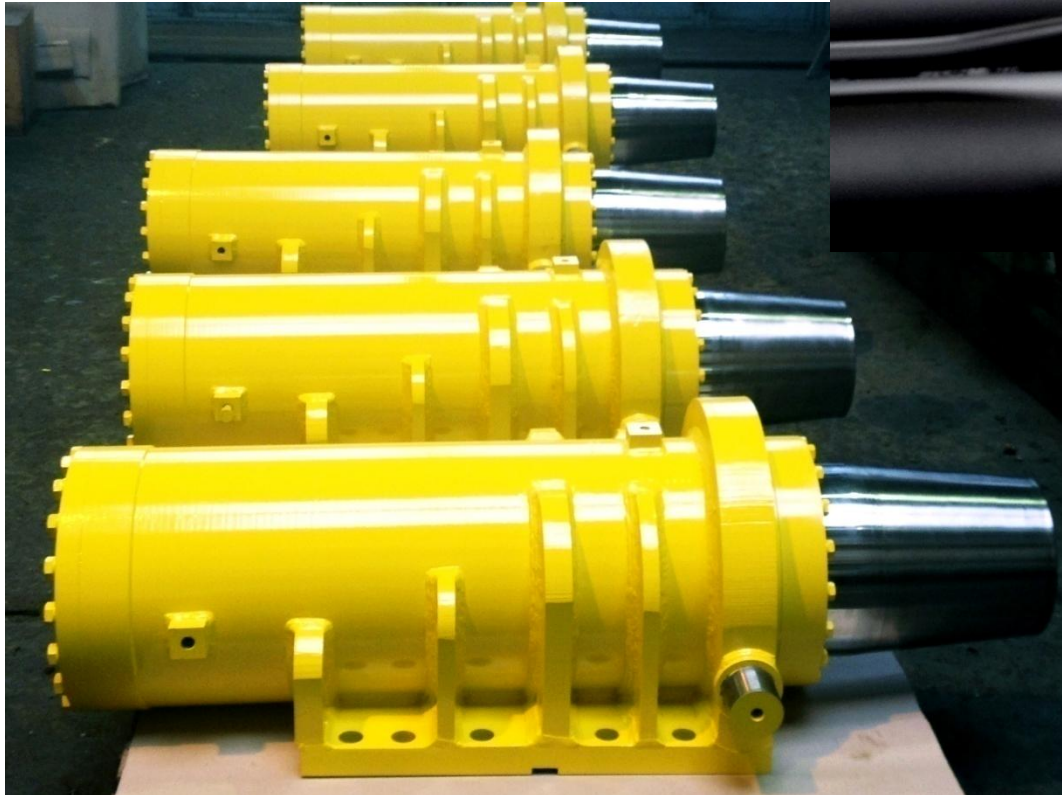
SINGLE / DOUBLE ACTING, TELESCOPIC, CUSHIONED ...
ECT.



➤ Lifting cylinders



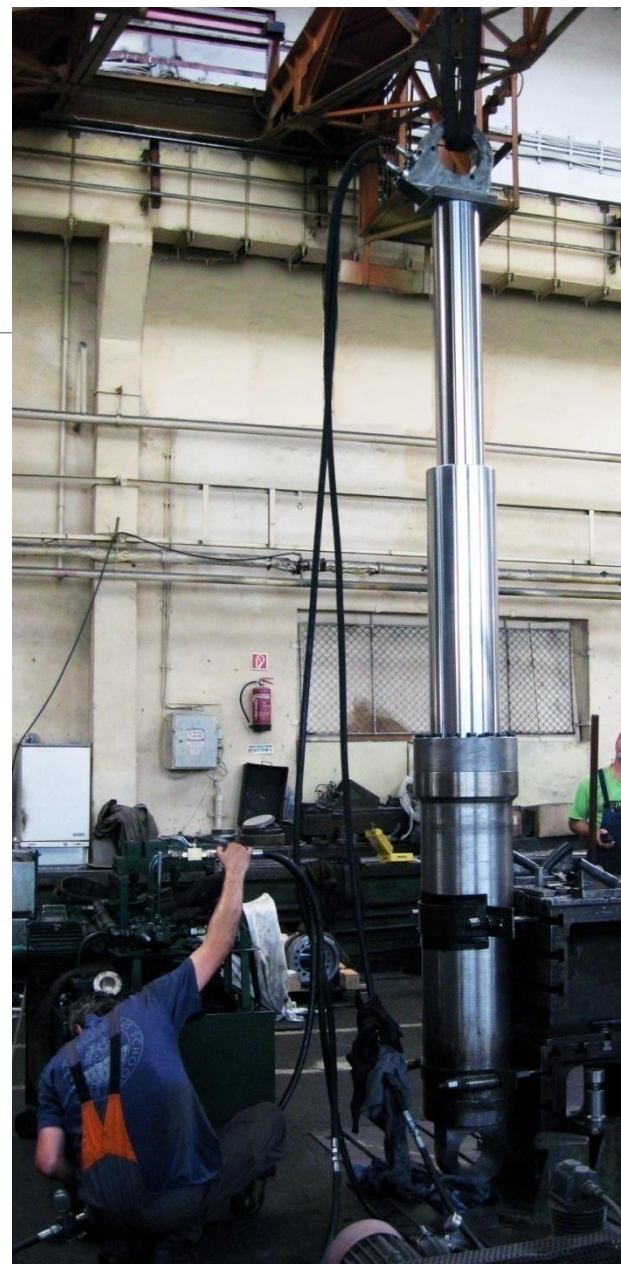
➤ Schockabsorber
cylinders



Telescopic cylinders



*Based on our quality instructions:
all pieces of hydraulic cylinder should pass a
documented pressure and functional test
before delivery .



Hydraulic Press cylinder production & maintenance



Core pillars of the Project:

- 1 disassembly of press line
- 2 service of hydraulic cylinders
- 3 reverse engineering & new production
- 4 modernization of sealing system
- 5 assembly of press line
- 6 testing

Steel Works - bullet trolley

Production of
Hydraulic cylinder

Installation of
Hydraulic system



Hard Chrome Plating



Hardness: 900 – 1100 HV

Layer thickness: 20 – 150 micron

Our hard chroming capacity makes possible the plating of unique piston rods and spare parts even the most critical ones.



Honing

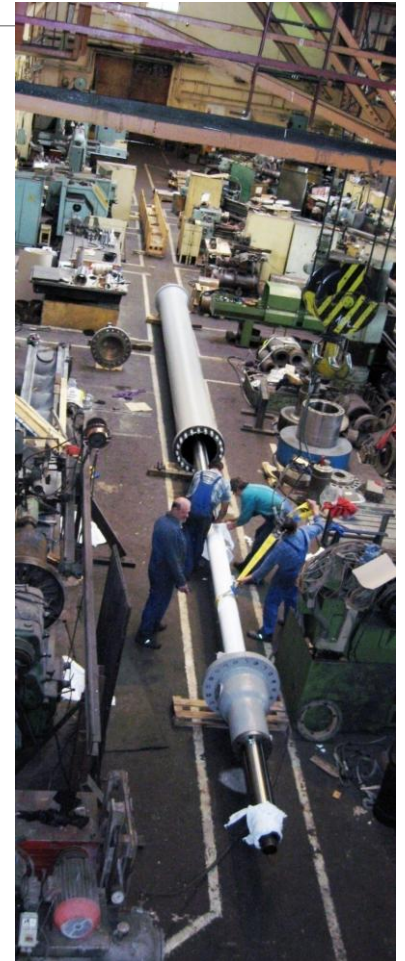
Up to $D=700$ mm, $L=6000$ mm



Watergate opening/ closing cylinder



engineering
design
production
special corrosion
resistant surface
treatments



Unique design and production of XL size cylinder



Machining Capacity Spare Part Production

Max machining size: Diameter 400 mm Length: 4000 mm



Rope Drum





SZÁLLÍTÓGÖRGŐ
CONVEYOR ROLLER





Quality

Top quality service that meets the requirements of the customers are in the center of the philosophy of our Company. It is important to emphasize that our colleagues know the requirements of our quality management system they are committed to these requirements and keep them.

The Company has implemented and maintains its Quality Management System that is based on the Standard No. EN ISO 9001: 2015 for the purpose of improving the quality of its products and its activity on an ongoing basis.

The decisive approach applied during the company work is quality and sustainability approach.

ISO 45001: 2018 and ISO 14001:2015 certification is scheduled for implementation in 2026.

Long Term Strategic Partnership

- High-Precision Rod , Tube, Wheel & Cylinder Technology
- Precision Internal Honing
- Hard Chrome Plating of inside and outside surface for Extreme Load Applications
- Custom Manufacturing for Defense & Specialized Industrial Use
- Quality-Assured Production Processes



Bosko Hidraulika is a Hungarian precision hydraulic manufacturer specialized in high-accuracy tube and cylinder technology for defense and specialized industrial applications.

We provide controlled manufacturing processes, full traceability, and flexible production capacity from prototype to serial supply.
Our goal is long-term, audit-ready cooperation as a reliable EU-based partner.

Thank You for your attention

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Please see our company video on our website:

<https://www.boskohidraulika.hu/en/about-us/>