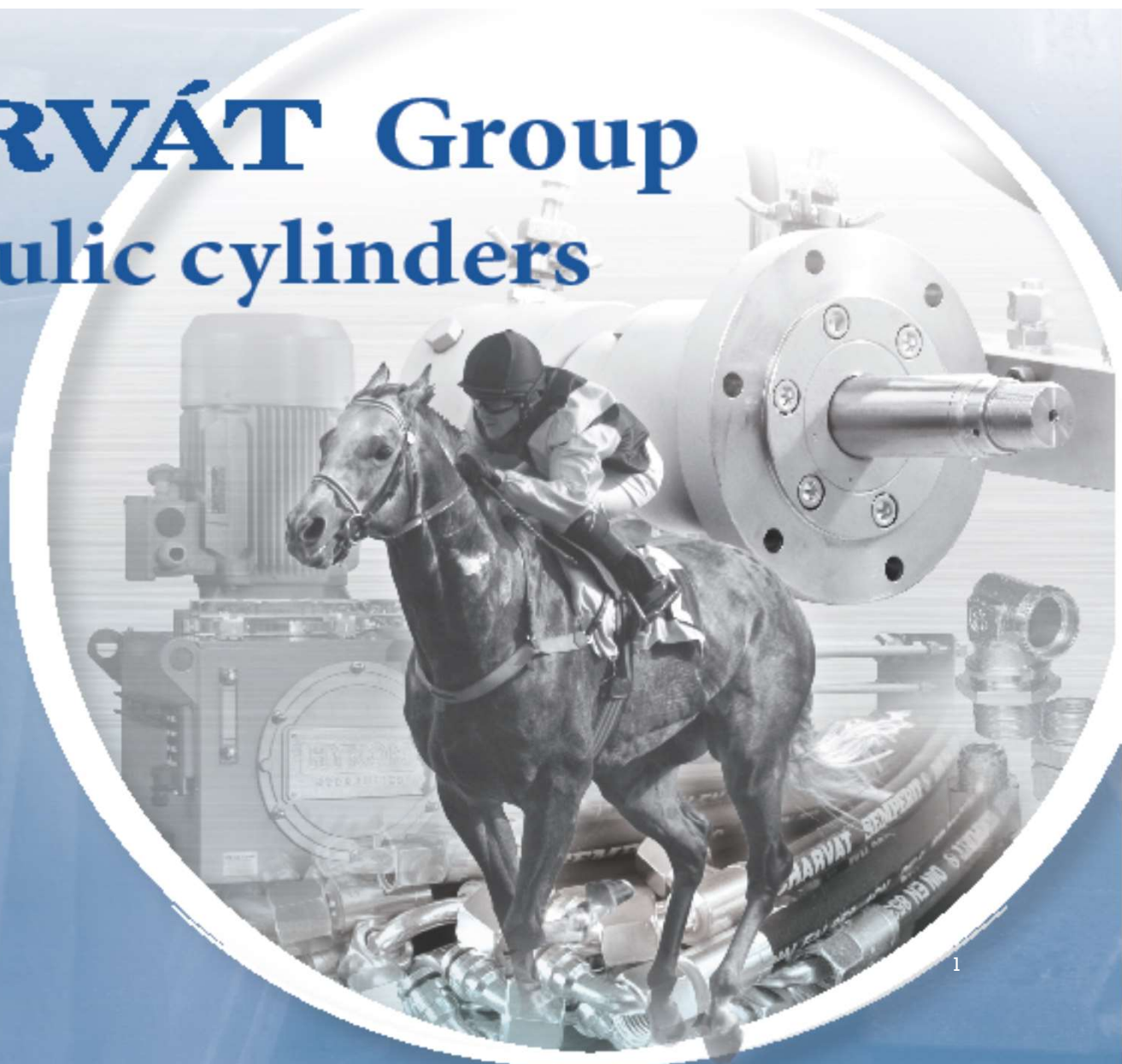


CHARVÁT Group

hydraulic cylinders

We have a horse in every race

UPDATE 1.10.2021



ABOUT US

Headquarters: Zbraslavice, Kutná Hora

Establishment: 1998

Turn over: 70 mil EUR

Number of employees: 840

Hydraulic systems

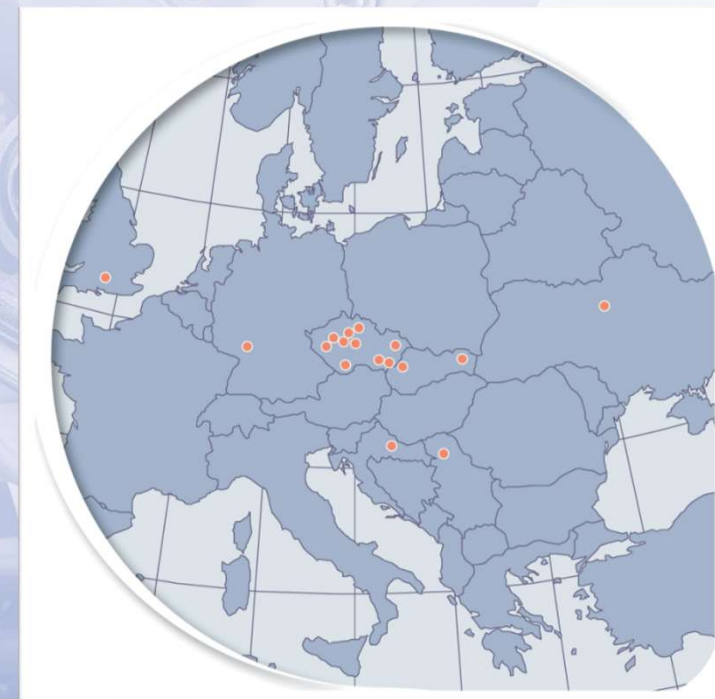
- Hydraulic cylinders
- Manipulated tubes
- Hydraulic components
- Assembled hoses
- Power packs

Aircraft undercarriages

- Landing gears
- Heat treatment

Others

- Hook lifts systems



The CHARVÁT Group and its subsidiaries offer a complete range of components for the construction of hydraulic systems and landing gears.

Production locations and branches

**HYDRAULIC
CYLINDERS**



**HYDRAULIC HOSES
BENDED PIPES
FASTENERS**



**CONTAINER
LIFTS**

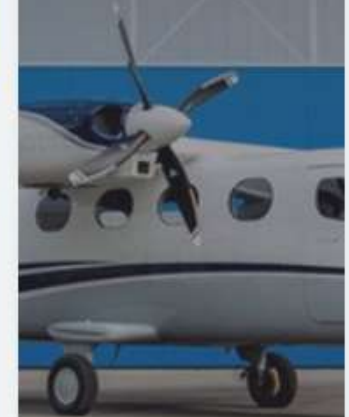
**HYDRAULIC
POWER UNITS**



**INDUSTRIAL
FLUIDS**



**AIRCRAFT
UNDERCARRIAGE**



PRODUCTION PLANTS



CHARVÁT Group Zbraslavice

1998

- ❖ Small and middle series of hydraulic cylinders up to piston diameter 100 mm
- ❖ Hydraulic hoses
- ❖ Manipulated tubes



CHARVÁT AVHB Opava

2006

- ❖ Hydraulic hoses
- ❖ Fittings production
- ❖ Hydraulic power packs



CHARVÁT AXL Semily

2010

- ❖ Large and special hydraulic cylinders from piston diameter 100 mm up to 450 mm
- ❖ Aircraft undercarriages

PRODUCTION PLANTS



CHARVÁT HYKOM Rakovník

2012

- ❖ Hydraulic power packs
- ❖ Hydraulic components



CHARVÁT CTS Okřínek

2013

- ❖ Hookloaders
- ❖ Skiploaders



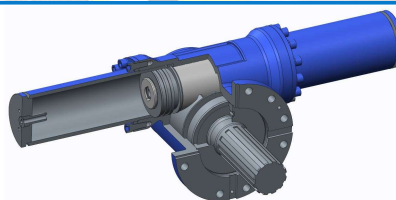
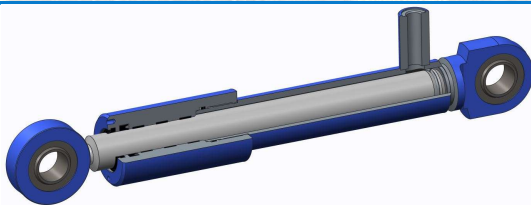
CHARVÁT Strojárne Bardejov SK

2017

- ❖ Large series of hydraulic cylinders

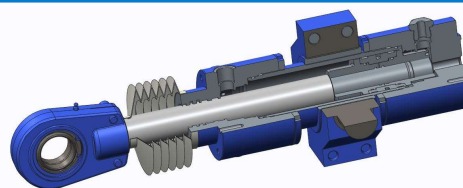
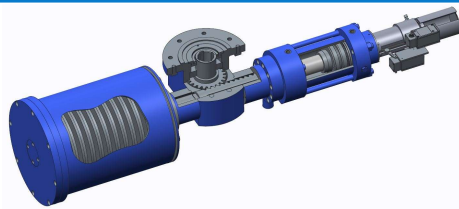
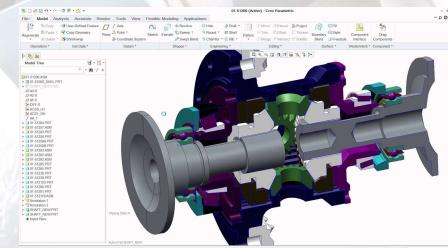
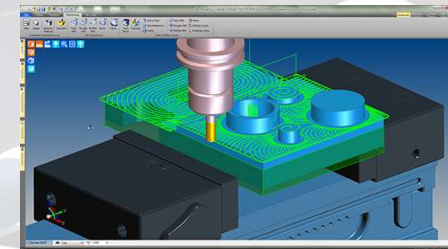
HYDRAULIC CYLINDERS

- Capacities more than 12.500 pcs/month
- Range the diameter of the piston up to 500 mm and the stroke up to 3,500 mm
 for the smaller piston diameters the stroke up to 5,000 mm
 for the telescopic cylinder the stroke up to 7,000 mm
- Application Construction machines Injection moulding systems
 Agricultural machines Hydraulic presses
 Lifting platforms and cranes Mining and tunneling machinery
 Energy machines and turbines Chemical, textile and food industry
 Offshore applications Metallurgical industry and steelworks



TECHNICAL PREPARATION

- TEAM: 42 employees in technology, engineering
- ERP: HELIOS, ESO
 - partlists, material and production planning, capacity planning, backward view
- CAD: SOLID WORKS
 - 3D models in STP or SAT or DXF files / strength calculations
- CAM: SURF CAM
 - NC programming – fast and clever solution
- CERTIFICATES: ISO 9001 and ISO 3834-2, ISO 14001, EN 15085-2, CL1
EN 9100:2018



PRODUCTION

- 120 CNC and 40 conventional machines made by Doosan, Mori Seiki, Gildemaister, Tajmac ZPS, Pinnacle, Leadwell



PRODUCTION

- Finishing machines (grinding machines, honing machines)



Precise surfaces, Roughness and Integrity



PRODUCTION

- *Special processes (welding, heat treatment, chrome plating, painting)*



**Hardening
Cementation
Annealing
Tempering**

**Welding robots and
Automatic welding
machines**

Modern Paint shop



PRODUCTION

- Metrology, cleaning and testing



100% 3D measurement
100% testing
100% cleaning per ISO 4406 /
NAS 1638

OUR PRODUCTS USAGE

- rubber extruders



- injection molding machines



- baler presses



- control drives

OUR PRODUCTS USAGE:

- lifting platforms



- agriculture machines



- earth moving machines-
steering cylinders



- earth moving machines– tunnel drilling

INVESTMENTS IN 2021

Machine	Company	Assortment
4 x lathe PUMA 2600 M	Bardejov	Hydraulic cylinders
2 x lathe PUMA 2600 LM	Bardejov	Hydraulic cylinders
2 x milling center PINACLE VMC137	Bardejov	Hydraulic cylinders
1 x lathe DOOSAN LYNX 2100LMA	Bardejov	Hydraulic cylinders
1 x lathe TD-35-M-800	Bardejov	Hydraulic cylinders
1 x lathe TD-35-Y-3200	Bardejov	Hydraulic cylinders
1 x lathe TA30-1100	Zbraslavice	Hydraulic cylinders
1 x milling center DOOSAN	Zbraslavice	Hydraulic cylinders
1x MAZAK SLANT TURN 3000	Semily	Aircraft production + Hydraulic cylinders
1 x resistance welding	Bardejov	Hydraulic cylinders
TOTAL	2,8 Mio EUR	

REFERENCES

- AMMANN compactors and finishers
- CAT construction machines
- CLAAS agricultural machines
- HERBERT Maschinenbau hydraulic presses
- HMF hydraulic cranes
- CHARVÁT CTS hook loaders
- KRAUSS MAFFEI injection moulding
- LIEBHERR construction machines
- NIFTY LIFT lifting platforms
- SKODA DOOSAN energy machines and turbines

CATERPILLAR



LIEBHERR

KraussMaffei

AMMANN

HERBERT®
PARTNER FOR TIRE TECHNOLOGY & SERVICE WORLDWIDE

CLAAS



CTS lift

niftylift