

Ekvita spol. s r.o.

Company presentation

Basic data

- **Ekvita spol. s r.o.**
- IČO 15039625
- Address: Náchodská 6, 54103 Trutnov
- Number of employees: approx. 60
- Founded: 1992
- www.ekvitatu.cz



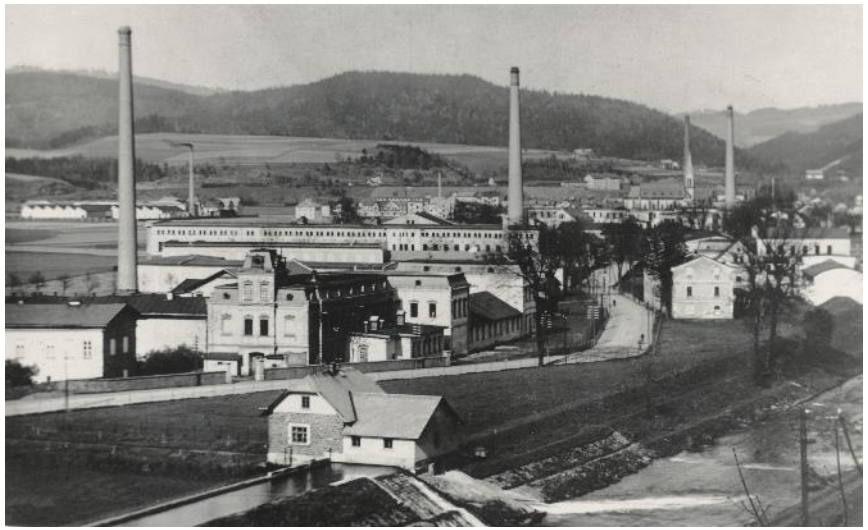
- **Services:**
  - Precise machining on CNC machinery
  - Production of any precision parts and machines according to customer specification
  - Production of metal constructions
  - Cooperation in parts and tools development
  - Commercial activity

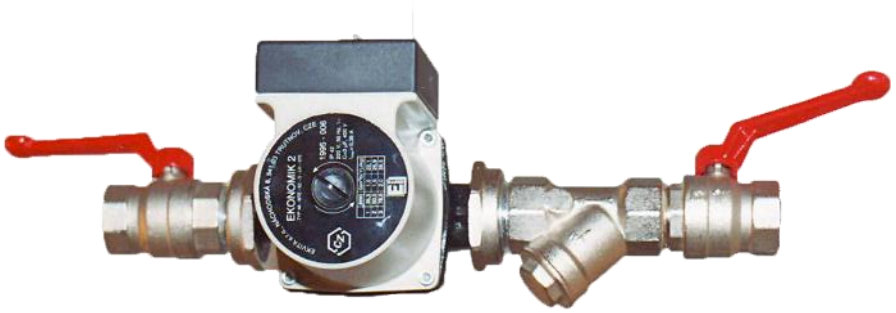




History

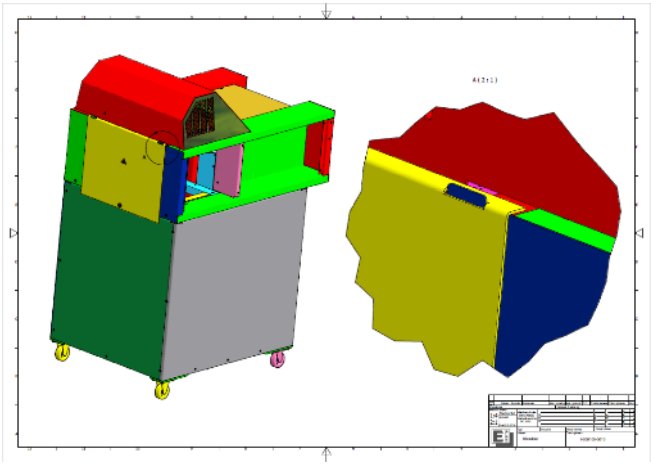
- Founded in 1992 by privatization of state owned company Strojtex
- Building on tradition of successful machining production since 1946
- Original production was focused mainly on pneumatic electromagnetic contactors for CKD Praha trams and engines
- Production portfolio was replaced by development and production of hot water pumps „EKONOMIK“, which was awarded on Pragotherm 94 trade fair.
- Next production focus was composed of parts and machines for textile industry, agriculture, shredding machines, and parts for automotive
  - This portfolio with minor changes stays till nowadays

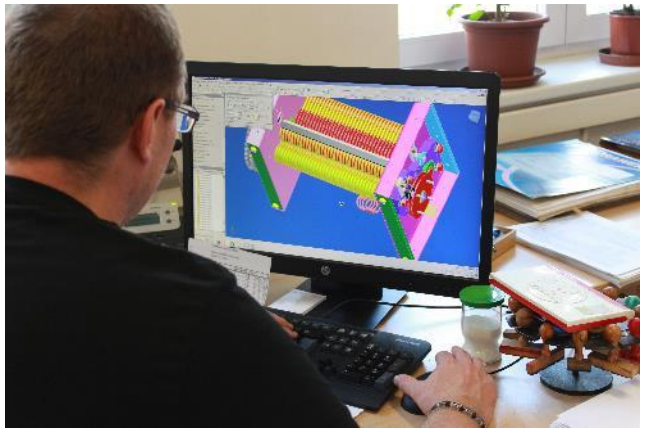




Technology department

- Ekvita has own technology department responsible for developing effective production procedures.
- We can offer a cooperation on parts and machines development, which is based on long term know-how in this area, complemented by testing of the sample products





Production

- Precision machining on CNC machines according to customer specification – turning, milling, grinding
- Max. sizes of produced parts*:

Rotation parts	Milled parts
Diameter 260 mm	2000 x 800 x 750 mm
Lenght 800 mm	

***Individual requests can be discussed**



- We can arrange final assembly of the machines or it´s components and **heat or surface treatment in cooperation** with our suppliers
- We are cooperating with business partners from **Germany, France** and **Sweden** and also other **non-EU countries** on a long- term basis.
- Production area of approx. 2200 m²
- We are ISO 9001 certificate holders



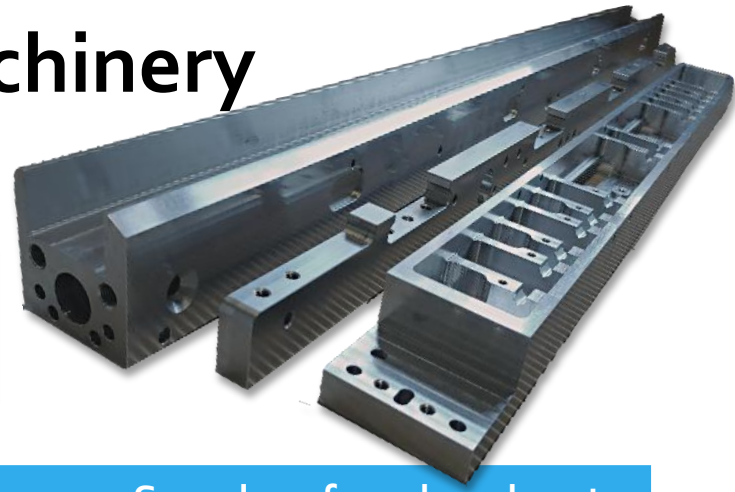


Custom made production on CNC machinery

- Production of parts on 12 CNC and conventional machines (see the list of production equipment)
- High precision up to IT5 and IT6 standards
- Max. parts weight – couple of grams up to 80 kg.
- Heat and surface treatment can be arranged in cooperation with our suppliers







Samples of produced parts:
Cutting cylinders for shredding machines for paper and plastic
Several types of belt pulleys
Worm shafts of various parameters
Various diameter shafts up to 1000mm of length
Hydraulic units blocks
Gear wheels
Casting machining up to 80 kg

Shredding machines production and assembling

- Our typical product and important know-how are cutting cylinders for shredding machines. We are offering various types and diameters for a reputable German company.
- Our qualified employees with many years of experience are taking care of assembly.







Gearboxes production

- Gearboxes and components for gardening and agriculture industry
  - Worm gears for garden tractors, sweepers, snow blowers, etc..
  - Small series production of gearboxes based on customer´s documenation
- Long term cooperation with a German producer of gardening and agriculture machines – Agria Werke









Production equipment

CNC Lathes

Machine type	Max. diameter (mm)
CNC Lathe SPM16 CNC	150
CNC Lathe ZPS S50 i	270
CNC Lathe Feeler FTC-450MC (2x) and FTC-450	260 / 450
CNC Lathe ZPS S60 CNC	250
CNC Lathe Feeler FTC-450 LMC **(new 2026)**	

Grinders

Machine type	Max. diameter (mm)
CNC Grinder Silver – grinding of inside and outside diameters	300
Grinder for inside grinding	250
Prongless grinder	60
Pronged grinder	320

CNC machining centres

Machine type	Max. size (mm)
Horizontal 4-axis machining center Makino A61nx (2 pallets) – **new 2025**	730 x 650 x800
Horizontal 5-axis machining center Makino A500Z (2 pallets) - **new 2022**	730 x 750 x 500
Horizontal mach. center Doosan NHP 4000 (2 pallets) – **2019**	560 x 640 x 660
5 axis machining center EMCO MMV 2000 **– 2018**	2000 x 800 x 750
5 axis machining center EMCO Maxmill 750 – **2021**	800 x 610 x 500
TOS FGS 50 CNC Vertical milling machine – **2019**	700 x 500 x 500
Horizontal mach. centre ACE HC500 (2 pallets)	850 x 700 x 750
Vertical mach. Center COSMOS CVM-1370 – **2021**	1300 x 700 x 700
Vertical mach. Centre Doosan VC400 (2 pallets)	560 x 400 x 570
Vertical mach. Centre Doosan DNM 650	1270 x 670 x 625

Other machinery

Rolling machine (grooving, threads..)	ø 4-80
Induction hardening	120 x 2000





Quality control

- To ensure high quality and precision manufacturing we are using following measuring machines:
  - Mitutoyo 3D CMM Crysta-Apex S + Renishaw PH20 Probe
  - Scan Max by Carl Zeiss (3D CMM machine)
  - Couple of standard electric height gauges
  - Electric height gauge TESA hite 700
- All produced parts are quality-checked on output according to ISO 9001 process.

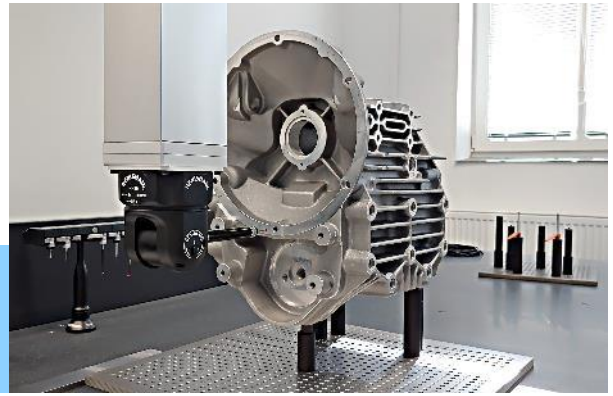






NEW Mitutoyo 3D CMM Crysta-Apex S + Renishaw PH20 Probe

Automatic 3D measuring of produced parts



Machines assembly

- We have fully equipped assembly workshop, where we are finishing sets and machines for our customers
- Most of the assembled parts are e.g. gearboxes for garden machinery, auxiliary equipment for garden tool carriers and entire industrial shredders








References 1/2

- Intimus International GmbH (Germany)
  - Production of cutting cylinders, shredding machines for paper, CDs/DVDs, hard drives
  - Long term relationship, cooperation in development and testing of the machines



- Georg Sahm GmbH (Germany)
  - Production of parts for winding machines
- Agria Werke GmbH (Germany)
  - Gearboxes for garden machinery, auxiliary equipment for garden tool carriers



- Argo Hytos s.r.o. (CZ)
  - Hydraulic units blocks





References 2/2

- Sarl Montage Diffusion Technique Mo-DI-TEC (France)
  - Parts production for plastic recycling machines
- Koenig&Bauer (Czech Rep.)
  - Components for Polygraphic offset printing machines
- Rapid Granulator (Sweden)
  - Components for plastic recycling machines
- Neuman & Esser (Germany)
  - Components for compressors and other machines



Contact



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