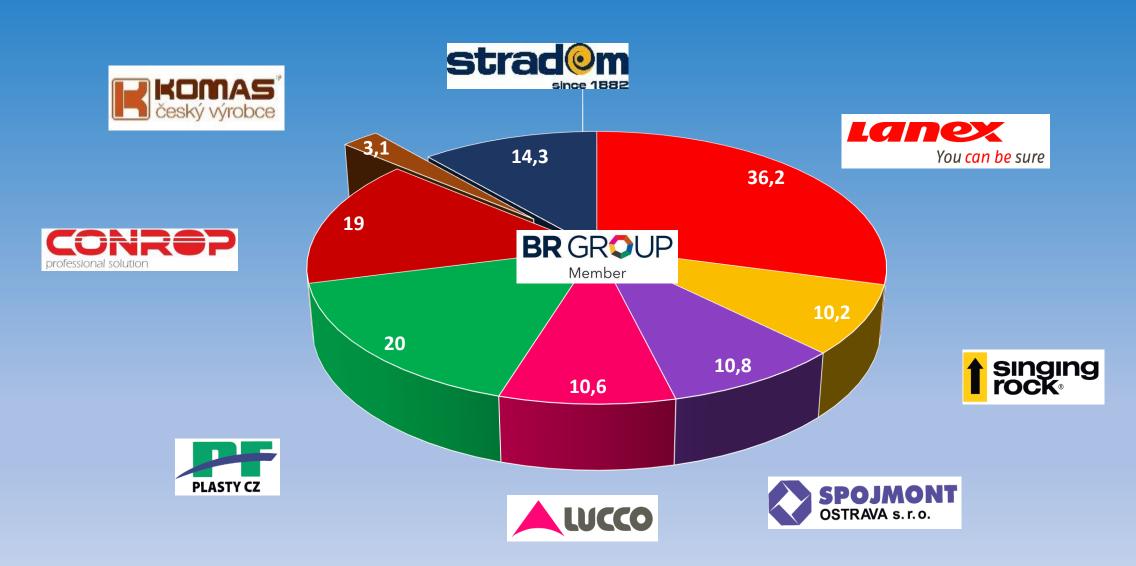


Komas history and present time

- Originally Komas Itd. has been a part of Brano company and after privatization in 1991 had KOMAS five owners.
- In November 2016 was KOMAS bought by a new owner Mr. Rudolf Bochenek, who is 100% owner of all companies, which are members of BR Group.
- We are specialist for transfers of the runnig project, we still to try to bring quality and added value for the customer.
- The tool shop products all neccessary stamping tools (progresive and one step tool) including quick maintenance of tools.
- KOMAS turnover is devided as below:
 - 40% automotive
 - 20% electroindustry
 - 20% tool shop
 - 20% building fittings

KOMAS is member of BR Group

Total turnover of BR Group companies in 2017 was 124,2 mil. EUR



Key KOMAS customers





















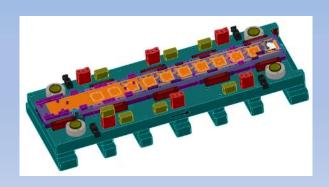




Production capacities and posibilities

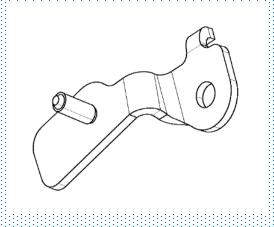
- Stamping by mechanical presses till 160T and by progressive presses Heilbronn 250Tonne and 320T, from August 2018 progressive press line SIMPAC 500T
- Production and maintenace of stamping tools, Tool shop in Komas.
- Machining and assembly turning, milling, grinding, drilling, riveting
- Welding equipment welding presses LE 100T, LE 160T and LE 200T
- Surface treatments degreasing, painting, phosphating
- Packing of products acc. to customers requirements

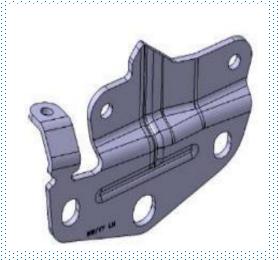


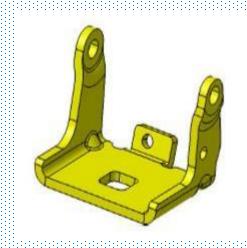




Stamped parts

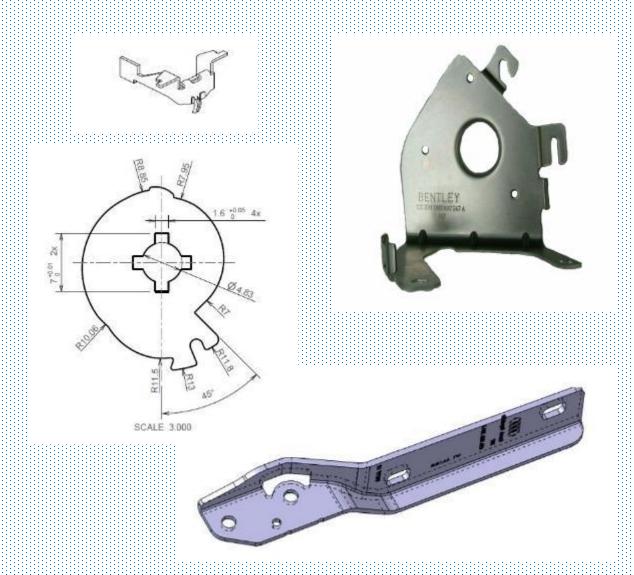




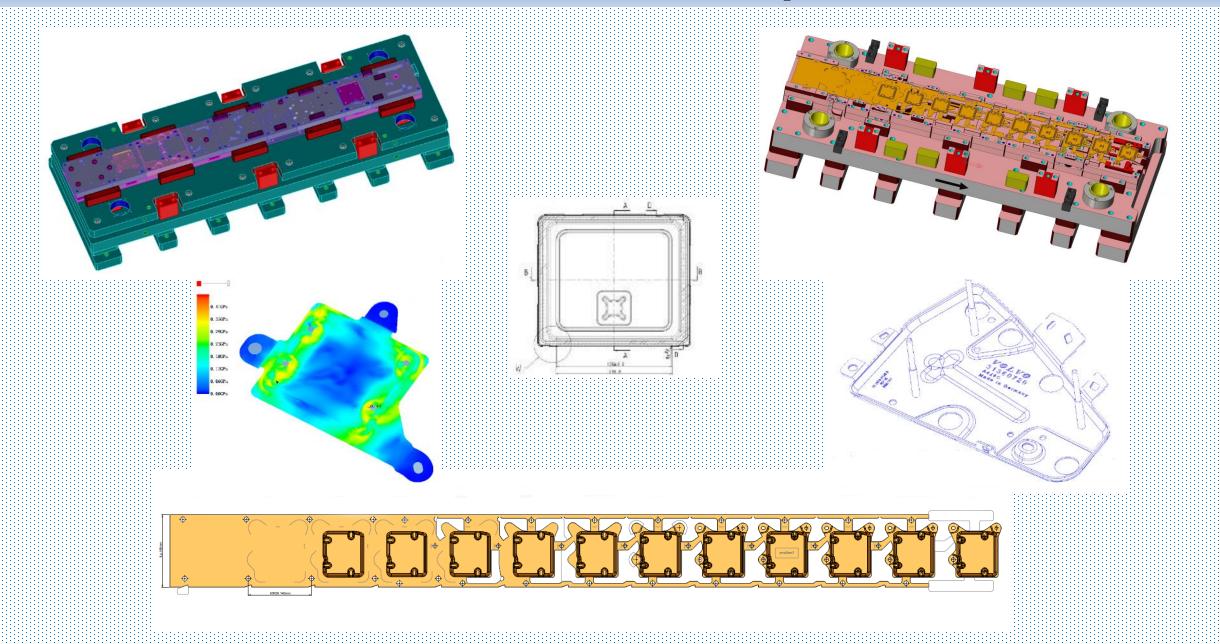








Research and Development



New production workshop – Heilbronn 250t and 320t



In this workshop are available 2 progressive presses Heilbron 250t and 320t and 1 progressive press SIMPAC 500t from August 2018. This tempered workshop is ready for increase of production capacities.

New progressive press line SIMPAC 500T



Pressing force of mechanical progressive press SIMPAC is 500t, stroke per minutes (SPM) 20-40, adjustable height of the tool 250mm, slide dimension 3.200x1400mm, Material: steel / Al, Material thickness: 0.6-6mm, Coil width: 200-600mm, Max. coil weight 5t

Degreasing equipment – Dürr Compact 80C



KOMAS has a new degreasing equipment Dürr Compact 80 C based on hydrocarbon. This technology is environmentally friendly, process of degreasing is vakuum closed.

CNC 3D measuring equipment Wenzel LH 108



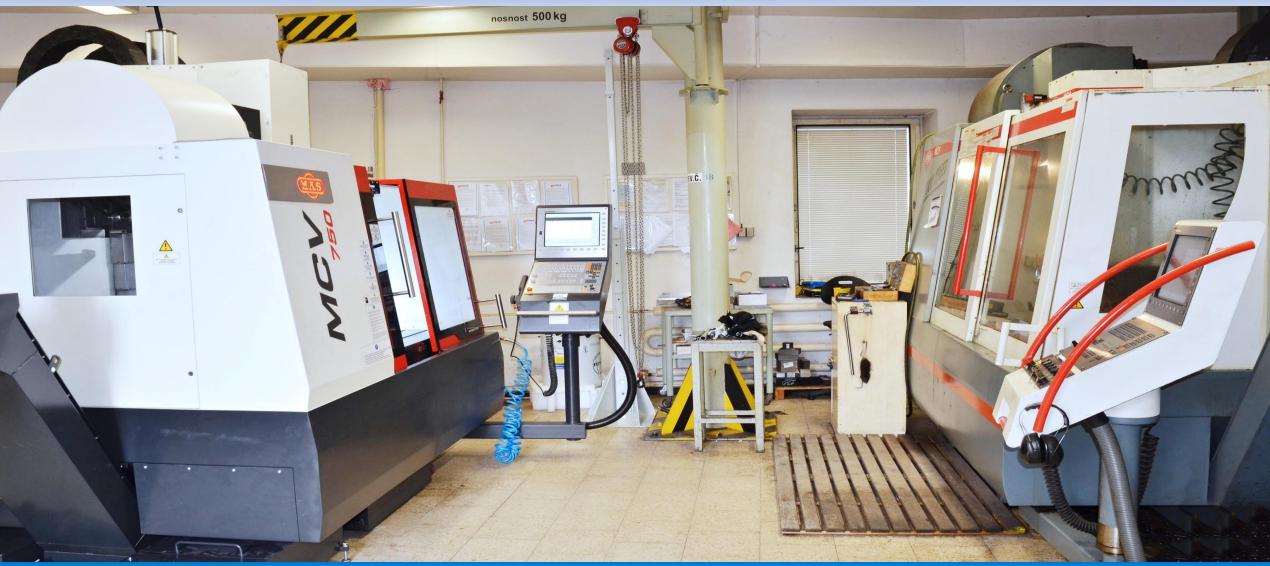
Measuring of products is realized by measuring equipment CNC 3D WENZEL LH 108. Measuring is made by KOMAS qualified employees acc. to drawings or 3D model.

Electroerosive wire cutting



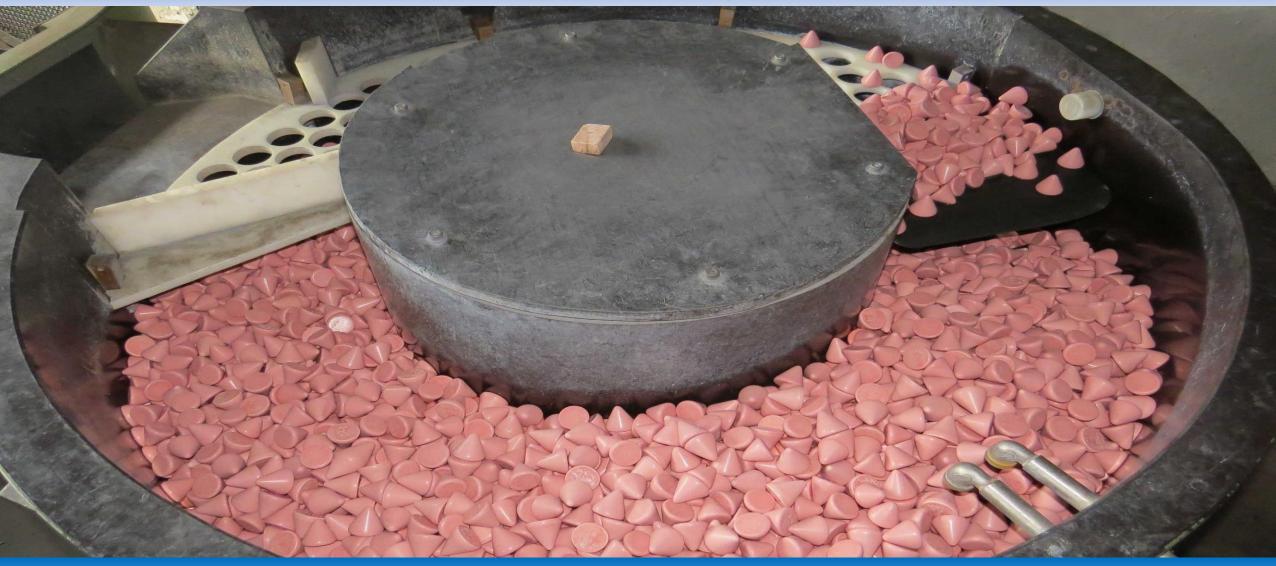
KOMAS is able to cut products by electroerosive wire cutting technology CNC FANUC Robocut equipment.

Three axes CNC milling machines



Machining of products is made by CNC machining automat MCV 1000 SPEED and MCV 750 SPEED acc to customer's drawings.

Tumbling



We are able to solve a huge range of technological requierements by tumbling technology. For instance treatment of sharp edges and burrs, polishing and smoothing of surface, degreasing, cleaning and removing of rust.

KOMAS QMS CERTIFICATION





OHSAS and EMS CERTIFICATION



COS je cartifikačním projevem, strediovaným podle nomy ČSN EN ISOUEC 17021-1-2016 Čestým institytem pro akraditaci, o p.s. pod registračním číslem 3029 pro certifikaci systémů managementu bezpečnosti a ochrany zdraví při práci





CERTIFIKÁT

čislo: CQS 244/2016

CQS - Scrožení pro dertříkací systémic jakosti na záktadě kladného vystedno certifikačního auditu prohlášuje, že systém meregementu bezpečnost a ochrany zdraví při prád



KOMAS, spol. s r.o. Ostravská 291/33, Komárov, 747 70 Opava, Česká republika

był prověřen a shredán v acutadu a požadavky

ČSN OHSAS 18001: 2008

Tento certificat plati pro procesy.

- Niveth, výrod, výroba a prodelý desřítelní v oberněth udaleník, verbetho desřítělní a oberněth kvední, boupat nostaho o dvytřebo kování, dopišlok seře oderáho a oberněho slovení, ledenáceko kování, a statybrovéník skování, jasových svonok Tachní akti příperu a výroby, výroba a pracej vampovenný pře a násovoběný průvnýcí – Něvtk, vývoj, výroba a prodej desznýj, příperadě a prackách kovanýchách výroby
 - Bārti, rými, výmha a prodejstrujú s mechanickým prívoneru
- Koupé zacé za oblet nijeho della na produje a produje po celérat d'unitaire a chemitine deserba ho localari, bodas vého kováné, niso placelého kování, base jeh evenik, komponentí pou satemátický přísová, jedenali, příprováž a produktý ková výroby, atrojí a medvadního kování.

Platnost certifikātu omezena do: 02. 12. 2019 Rozindinuti o certifikaci: 03. 12. 2016 Datum vytenil: 03. 12. 2016 Datum udēleni pryniho certifikātu: 30. 12. 2006





ing. Jana Oléanská Vedosci certificatního orgánu

Elektrolechricht die Gebre Geber (z. 2. Productier Section Coord Coord).

Elektrolechricht die Geber (des gesprechte) de Geber (des gesprechten geber des gesprechten des geber des geber (de geber des geber

CQS z.s. Prosecká 412/74, 190 00 Praha 9 - Prosek Czech Republic

CQS is the Certification Body No 3029 accredited according to Standard EN ISO/IEC 17021-1:2015 by the Czech Institute for Accreditation for the Certification of Management Systems





CERTIFICATE

No.: CQS 243/2016

CQS certifies that the Environmental Management System of



KOMAS, spol. s r.o. Ostravská 291/33, Komárov, 747 70 Opava, Czech Republic

has been assessed and found to be in conformity with the requirements of

EN ISO 14001: 2015

with respect to the following processes:

- Design, development, production and distribution door and window closure, upper door and window fittings, safety fittings, accessories door and window fittings, box fittings, furniture fittings, rope clamp
- Technical production preparation, production and distribution components for automotive industry
- Design, development, production and distribution tools, devices and metal production
 Design, development, production and distribution machine with mechanic drive
- Buying goods for purpose next sale and sale for sphere door and window building fittings, box fittings, furniture
 fittings, rope clamp, components for automotive industry, tools, devices and metal production, machine

with mechanic drive

The certificate is valid until: 02. 12. 2019 Certification decision: 03. 12. 2016 Date of issue: 03. 12. 2016 Date of change: 29. 12. 2017 Date of granting the first certificate: 12. 11. 2007

− I∷Net −







CQS Members*:

Elektrotechnický zkušební ústav, s.p., Fyzikářně technický zkušební ústav, s.p., Institut pro testování a certifikaci, a.s., Strojirenský zkušební ústav, s.p., Technický a zkušební ústav stavební Praha, s.p., Tectliní zkušební ústav, s.p.

*A OOS member is v radí at the time of issue of the certificate Current ist is available at www.ocs. a

Company management

Chief executive officer: Marek Kloupar

• Financial director: Erich Kučera

Sales manager: Juraj Svoboda

Head of Tool plant: Michael Benek

Production and Technical director: Adam Drastich

Quality assurance director: Antonín Krejčí

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Thank you for attention.

www.komas.cz