

BRANO Group, a.s.



■
1862 – 2019

**Already 157 years
with our business
partners**

■
**Opavská 1000
747 41**

**Hradec nad Moravicí
Czech Republic**

Headquarters of BRANO GROUP, a.s. in Hradec nad Moravicí / CZECH REPUBLIC /



Contact information



BRANO GROUP, a.s. - Headquarters

BRANO a.s. - Headquarters

Opavská 1000

Hradec nad Moravicí 74741 Czech Republic

Phone: +420 553 632 211 Fax: +420 553 783 141

e-mail: info@brano.eu

<http://www.brano.eu>



R & D

náměstí B. Němcové 1

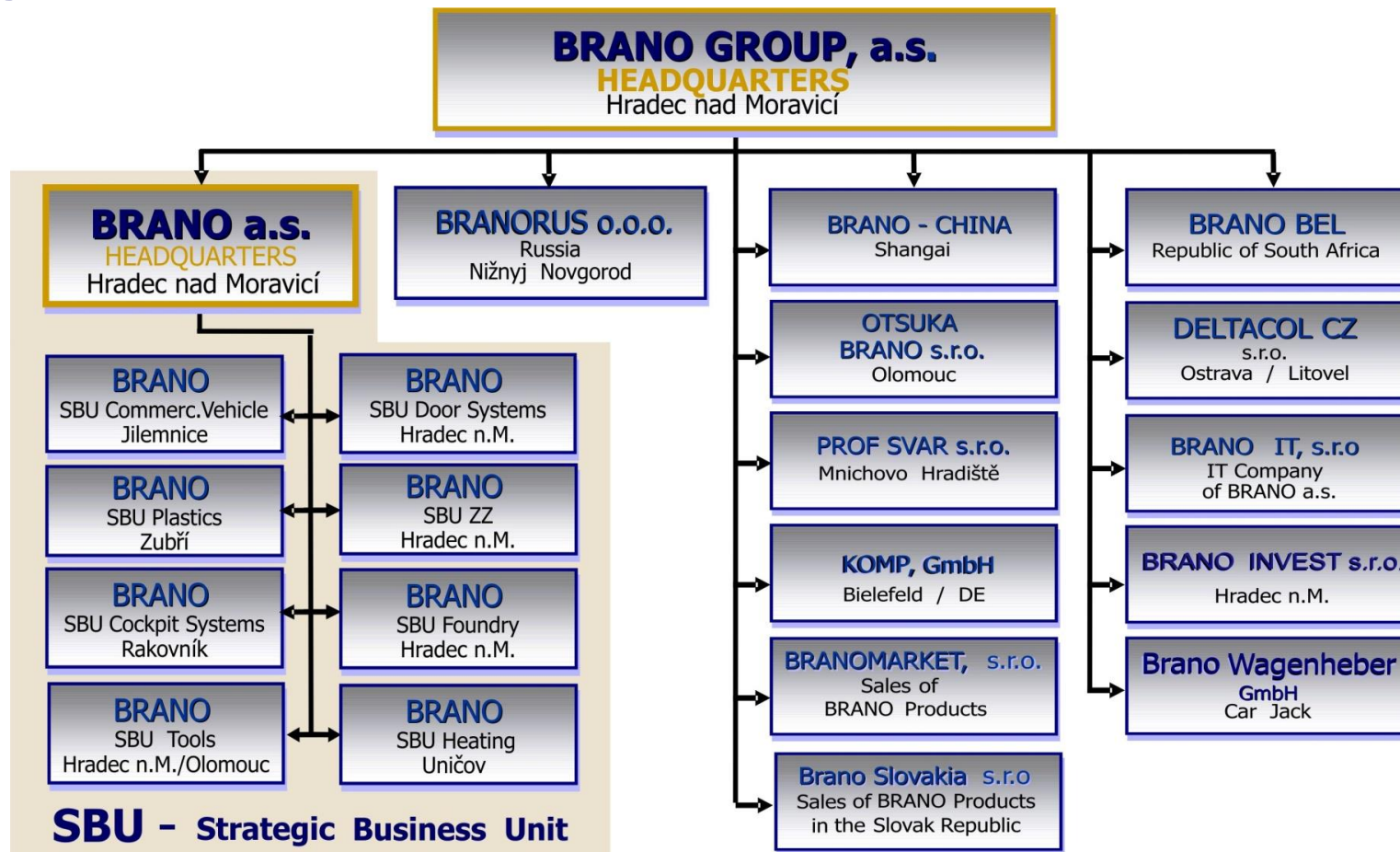
Jablonec nad Nisou 46690 Czech Republic

Phone: +420 483 352 111 Fax: +420 483 352 400

e-mail: info@brano.eu

<http://www.brano.eu>

Organization



BRANO a.s.

PRESENTATION BRANO GROUP

2019

**SBU
Cockpit
Systems**Kuštova 757
269 44
RAKOVNÍKPhone: +420 313 282 326
Fax: +420 313 282 300
e-mail: vladimir.kubes@brano.euVladimír Kubeš
GSM: +420 604 297 750
http://www.brano.eu**SBU
Commercial
Vehicles**Na Račanech 100
514 01
JILEMNICEPhone: +420 481 561 290
Fax: +420 481 543 035
e-mail: david.volek@brano.euDavid Volek
GSM: +420 737 258 845
http://www.brano.eu**SBU Door
Systems**Opavská 1000
747 41
HRADEC n. Morav.Phone: +420 553 632 314
Fax: +420 553 783 181
e-mail: ale.tichy@brano.euAleš Tichý
GSM: +420 604 297 721
http://www.brano.eu**SBU Plastics**U Bečvy 1381
756 54
ZubříPhone: +420 571 759 024
Fax: +420 571 759 000
e-mail: david.dospisil@brano.euDavid Dospíšil
GSM: +420 604 297 809
http://www.brano.eu**SBU
Lifting Devices**Opavská 1000
747 41
HRADEC n. Morav.Phone: +420 553 632 104
Fax: +420 553 632 407
e-mail: petr.petr@brano.euPetr Petr
GSM: +420 734 697 404
http://www.brano.eu**SBU Foundry**Opavská 1000
747 41
HRADEC n. Morav.Phone: +420 553 632 236
Fax: +420 553 632 244
e-mail: jiri.hojgr@brano.euJiří Hojgr
GSM: +420 604 297 732
http://www.brano.eu**SBU Tools**Opavská 1000
747 41
HRADEC n. Morav.Phone: +420 553 632 454
Fax: +420 553 632 330
e-mail: miroslav.kortanek@brano.euMiroslav Kortánek
GSM: +420 604 297 746
http://www.brano.eu**SBU - Strategic Business Unit**

GENERAL



BRANO & subsidiary comp. ▶ PRESENTATION BRANO GROUP

2019

SBU HEATING

Šumperská 1349
783 91
UNIČOV

Phone: +420 588 499 916
e-mail: vaclav.jindra@brano.eu

Václav Jindra
GSM: +420 733 678 707
<http://www.brano.eu>

BRANO IT, s.r.o.

Opavská 1000
747 41
HRADEC nad Mor.

Phone: +420 553 632 114
Fax: +420 553 783 141
e-mail: ivo.schwarz@brano.eu

Ivo Schwarz
GSM: +420 605 201 439
<http://www.brano.eu>

BRANO Development PPS* Office

Prokopa Velikého 80
473 01
NOVÝ BOR

Phone: +420 604 297 706
e-mail: karel.pesek@brano.eu

Karel Pešek
GSM: +420 604 297 706
<http://www.brano.eu>

BRANORUS OOO

38 Lomonosova
607655 Kstovo 5
Niznyj Novgorod
RUSSIA

Phone + Fax : +007 8314 564 001
GSM: +7 987 5429 880; 604297755
e-mail: branoros@branoros.ru;

Antonín Beránek
antonin.beranek@brano.eu
<http://www.brano.eu>

BRANOMARKET s.r.o.

Tovární okruh 100
747 41
HRADEC nad. Mor.

Phone: +420 733 697 535
e-mail: vladislav.perina@brano.eu

Vladislav Peřina
GSM: +420 733 697 535
<http://branomarket.brano.eu>

BRANO SLOVAKIA s.r.o.

Rybničná 42/a
831 07
BRATISLAVA SK

Phone: +421 244 883 362
Fax: +421 244 883 384
e-mail: brano@branoslovakia.sk

Roman Broniš
<http://www.brano.eu>

DELTACOL CZ s.r.o.

Palackého 34
784 01
LITOVEL

Phone: +420 585 153 511
Fax: +420 585 153 515
e-mail: deltacol@brano.eu

Václav Jindra
GSM: +420 733 678 707
<http://www.brano.eu>



* PRODUCTION PROCESS SUPPORT

GENERAL



Subsidiary companies

PRESENTATION BRANO GROUP

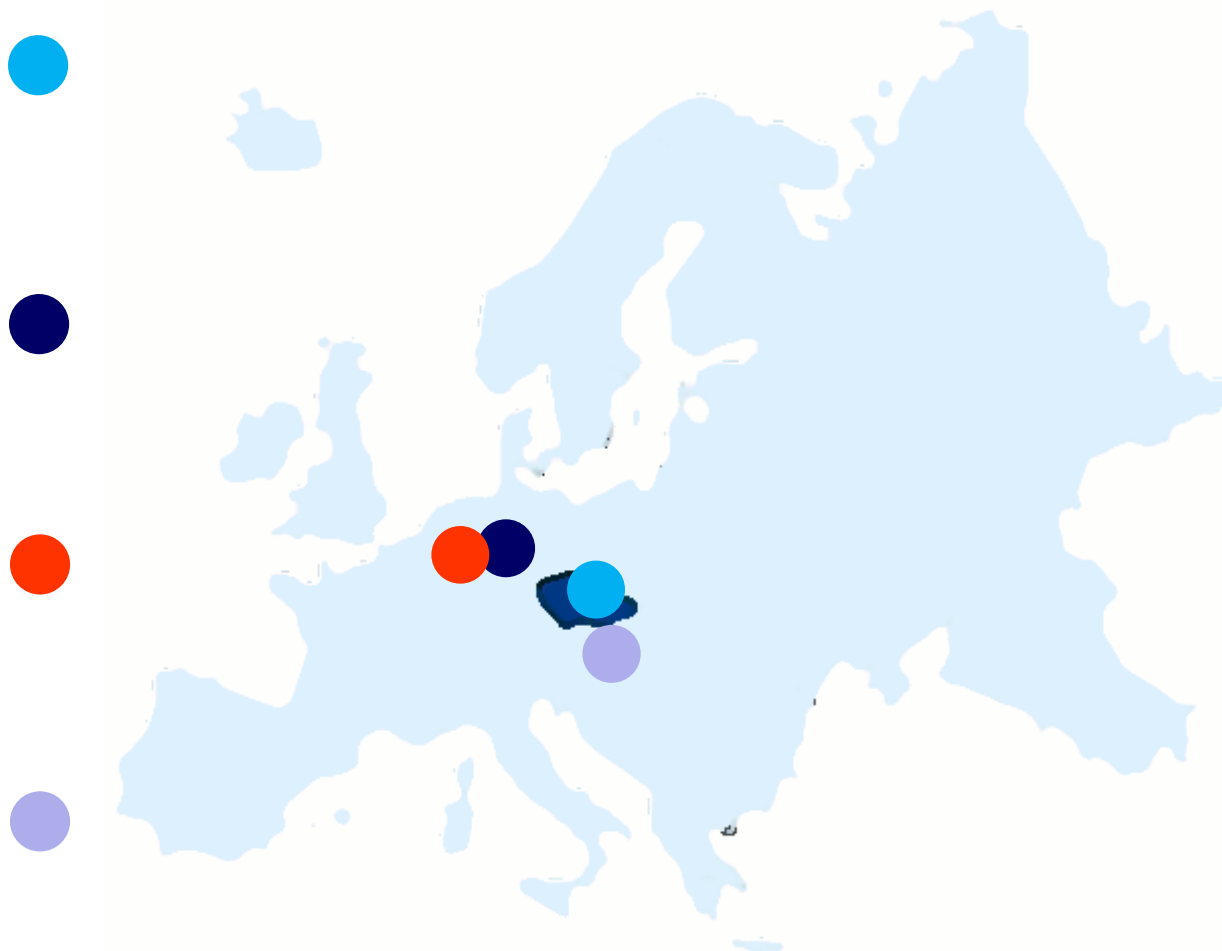
Brano China	No 3955 Caoan Highway, Shanghai 201812	Phone: 08621 39551591-8002 GSM: 13917213919 e-mail: eva.xia@branochina.com	Aiwu Xia http://www.branoeu
BRANO Wagenheber GmbH	Goethestr. 20 D-38440 Wolfsburg	Phone: +49 53 618 486 575 e-mail: pavel.juricek@brano.eu	Pavel Juříček http://www.branoeu
OTSUKA BRANO s.r.o.	Železniční 6 779 00 OLOMOUC	Phone: +420 587 435 900 Fax: +420 587 435 902 e-mail: milan.kotrle@brano.eu	Hidefumi Sato / Milan Kotrle +420 602 184 149 http://www.otsukabrano.cz
BRANO INVEST s.r.o.	Opavská 1000 747 41 HRADEC n. Morav.	Phone: +420 602 527 412 e-mail: roman.horak@branoinvest.eu	Roman Horák GSM: +420 602 527 412 http://www.branoinvest.eu
PROF SVAR s.r.o.	Přestavlcká 1474 295 01 Mnichovo Hradiště	Phone: +420 326 706 606 Fax: +420 326 741 230 e-mail: bedrnik@profsv.cz	Miroslav Koláčný GSM: +420 734 697 297 http://www.profsv.cz
KOMP GmbH	Heidestraße 18, 33659 Bielefeld, Německo	Phone: +49 521 94979490 Fax: +49 521 4942658 e-mail: info@komp-gmbh.de	GSM: +420 604 297 772 http://www.komp-gmbh.de



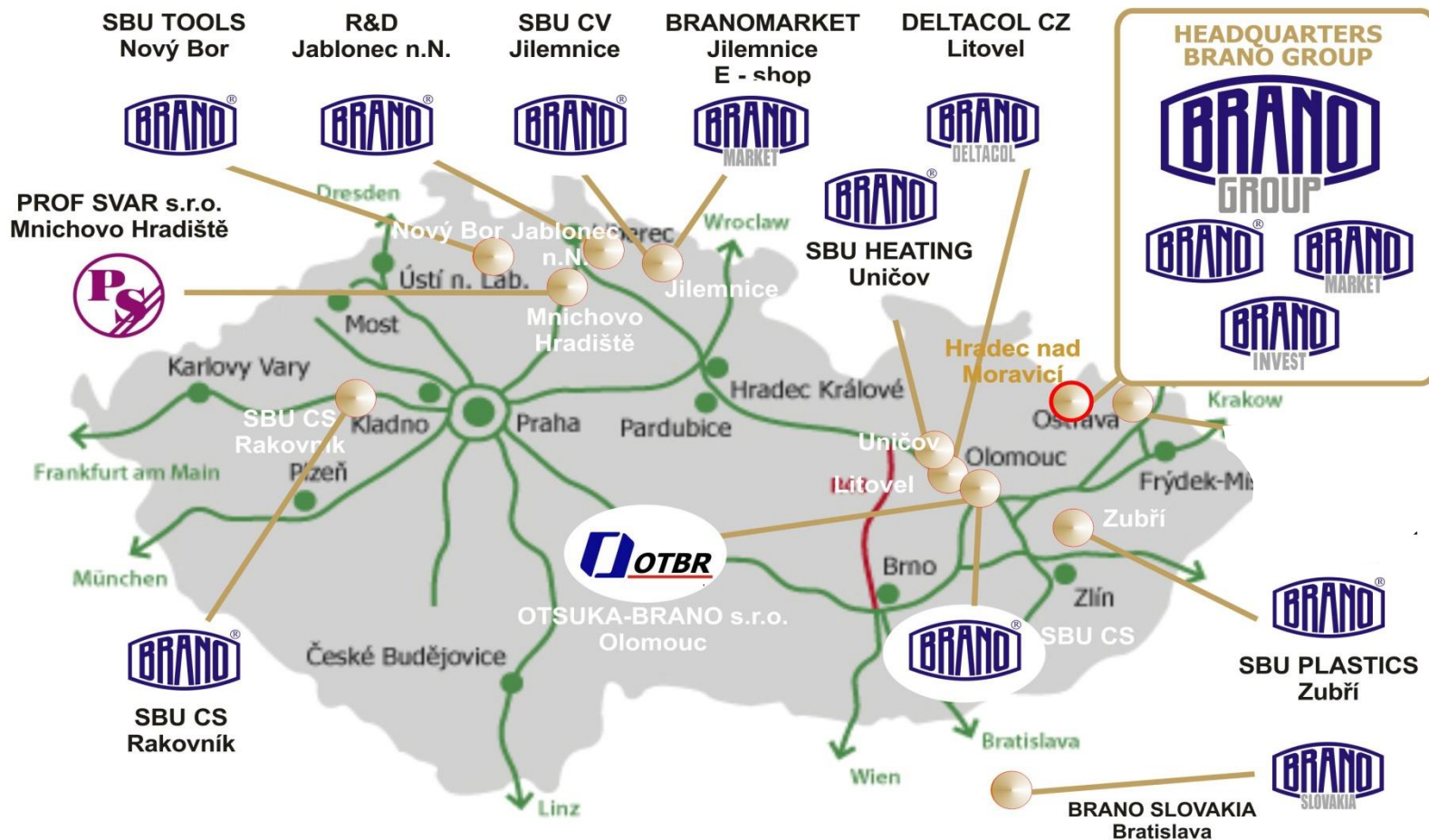
Locations in Europe

PRESENTATION BRANO GROUP

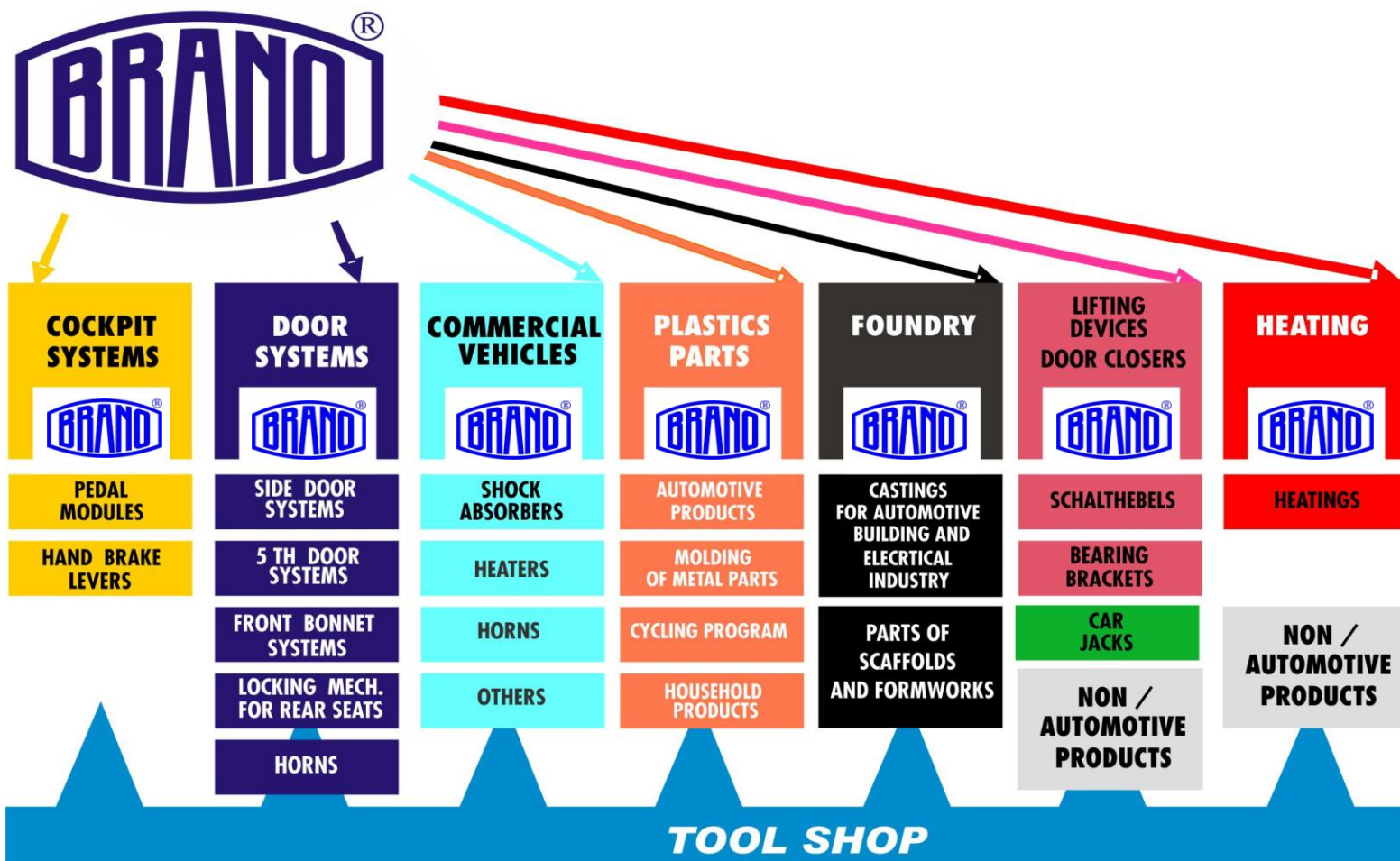
- Headquarters
of BRANO GROUP
& BRANO
(Czech Republic)
- BRANO GROUP,
WAGENHEBER GmbH
in WOLFSBURG
(Germany)
- BRANO GROUP,
KOMP GmbH
in BIELEFELD
(Germany)
- Brano Slovakia
in BRATISLAVA
(Slovak Republic)



Locations - Czech Republic



Main product groups



GENERAL



History I

BRANO

- 1862 BRANO Ironworks of Branka
- 1869 BRANO Joint Stock Company
- 1927 Take-over by Yale & Town
Manufacturing Company -
Padlocks, Door closers,
Rack & Lever jacks
- 1938 German Control, Reduction of
Product range
- 1945 Factory destroyed Production
re-start OCTOBER-DECEMBER
- 1946 Nationalization of BRANO
- 1950 First latches for Czech
Automotive Industry
- 1992 Privatisation of BRANO,
Establishment of Joint Stock Company
BRANO a.s.

BRANO - ATESO

- 1952 AUTOBRZDY JABLONEC
- 1952-1996 Factory HODKOVICE
- 1953 Factory RAKOVNÍK
- 1954 Factory JILEMNICE
- 1957 Factory HEJNICE
- 1958-1990 Factory KRASLICE
- 1966-1990 Factory PREŠOV
- 1968-1989 Factory VRÁBLE
- 1992 Establishment of Joint Stock
company ATESO a.s.
- 1993-1998 Subsidiary company LUCAS
AUTOBRZDY
- 1993-1997 Subsidiary company
KNORR-AUTOBRZDY
- 1994-1996 Subsidiary company
VALEO/SIEMENS

1999 Acquisition of ATESO a.s. from BRANO a.s.



History II

8.10.1999 Establishment of **BRANO GROUP, a.s.**

- 1999** Establishment company a member of BRANO GROUP BRANOROS a.o. in Russia
- 2000** Transformation BG to SBU's and Aftermarket to AFTERMARKET s.r.o.
- 2002** Establishment of DELTACOL CZ
- 2004** Establishment of BRANO Slovakia s.r.o.
- 2004** Acquisition of plant Litovel plant Olomouc
- 2005** Establishment of SBU Plastics and opening of BRANO Development Office
- 2007** Establishment of BRANO BEL South Africa
- 2007** Acquisition of Thyssen Krupp Bilstein Wagenheber GmbH
- 2010** Establishment of OTSUKA BRANO s.r.o. - Olomouc
- 2010** Establishment of BRANO CHINA - China
- 2011** Establishment of BRANO INVEST s.r.o. - Hradec n.M.
- 2014** Acquisition of PROF SVAR s.r.o. - Mnichovo Hradiště
- 2015** Acquisition of KOMP GmbH - Bielefeld, Germany
- 2016** Establishment of United Hydrogen Group in TENNESSEE - U.S.A.
- 2017** Establishment of BRANO SUZHOU - China



Top management

PRESENTATION BRANO GROUP

BRANO GROUP:

Chairman of the Board

Financial Director

R & D

Chief Sales Officer

BRANO:

Chief Executive Officer

Chief of Human Resources

Quality Director

Purchasing Director

Door Systems

Lifting Devices, Door closers, Car jacks

Foundry

Tools

Cockpit Systems

Commercial Vehicles

Plastics

Heating

Pavel

David

Václav

Daniel

JUŘÍČEK

ZAJONČEK

JUŘÍČEK

OTÁHAL

Jozef

Alena

Petr

Petr

Aleš

Petr

Jiří

Miroslav

Vladimír

David

David

Václav

HODOR

HAHNOVÁ

WOZNIAK

ŠKROBÁNEK

TICHÝ

PETR

HOJGR

KORTÁNEK

KUBEŠ

VOLEK

DOSPÍŠIL

JINDRA



Top management

PRESENTATION BRANO GROUP

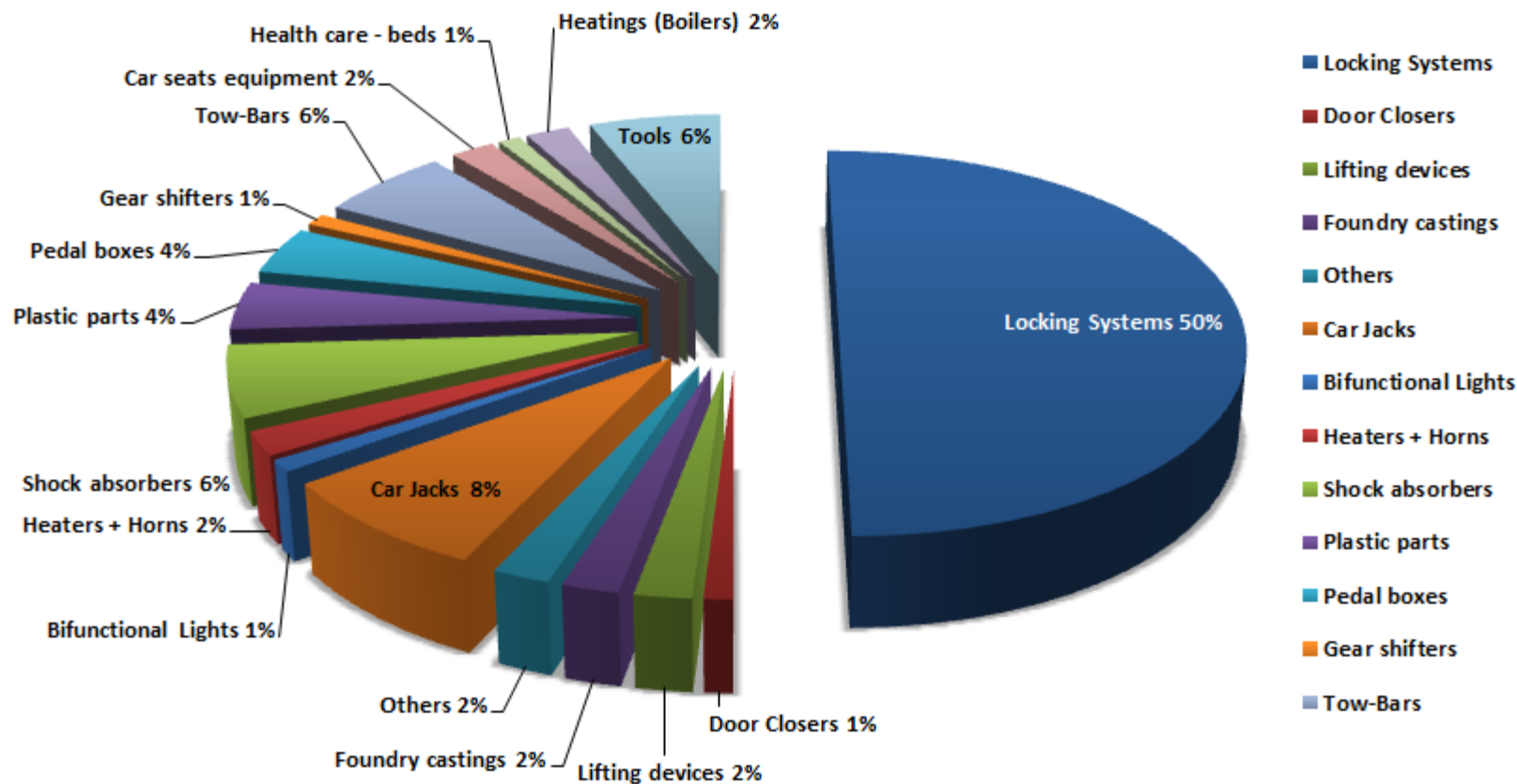
Subsidiary Companies

BRANO IT, s.r.o.	Ivo	SCHWARZ
BRANOMARKET, s.r.o.	Vladislav	PEŘINA
DELTACOL CZ	Václav	JINDRA
BRANORUS o.o.o.	Vladimír	KLEGA
OTSUKA BRANO s.r.o.	SATO	/ KOTRLE
BRANO INVEST s.r.o.	Roman	HORÁK
BRANO CHINA	Aiwa	XIA
PROF SVAR s.r.o.	Jindřich	BRIXI



Portfolio of products

PRESENTATION BRANO GROUP



ACTUALITY 2019

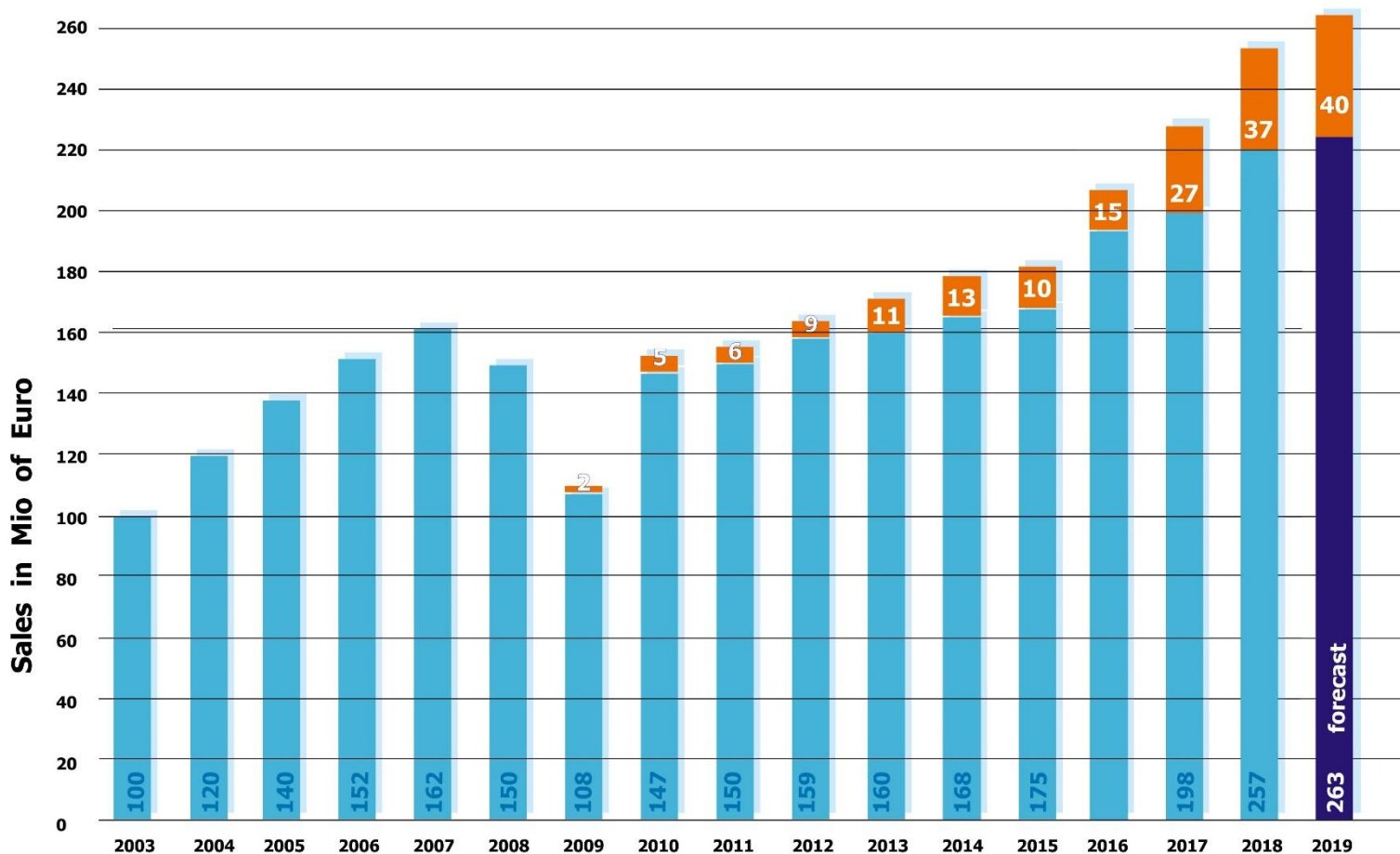
GENERAL



BRANO GROUP Sales

PRESENTATION BRANO GROUP

Development



GENERAL



BRANO GROUP

Customers

PRESENTATION BRANO GROUP

MAIN CUSTOMERS

VOLKSWAGEN GROUP	AUDI, BENTLEY, PORSCHE, SEAT, VW
ŠKODA AUTO	
BPW BERGISCHE ACHSEN	
DAIMLER	CADILLAC, OPEL, BUICK, VAUXHALL, CHEVROLET
FORD	
GM GROUP	TOYOTA BOSHOKU
VOLVO	HONDA
SUZUKI	VISTEON
NISSAN	IVECO
LEAR	BENTELER
DAF	TPCA
BMW	SCANIA
PSA	LINET



GENERAL



BRANO GROUP Customers

PRESENTATION BRANO GROUP

OTHER
CUSTOMERS

BOSCH
SAF HOLLAND
TRW LUCAS
KNORR - BREMSE
IRISBUS
TATRA TRUCKS
JAGUAR
PHILIPPINE
Mitsubishi Caterpillar
Forklift Europe B.V.
TOYODA - GOSSEI
FAURECIA
MAGNA
TENNECO

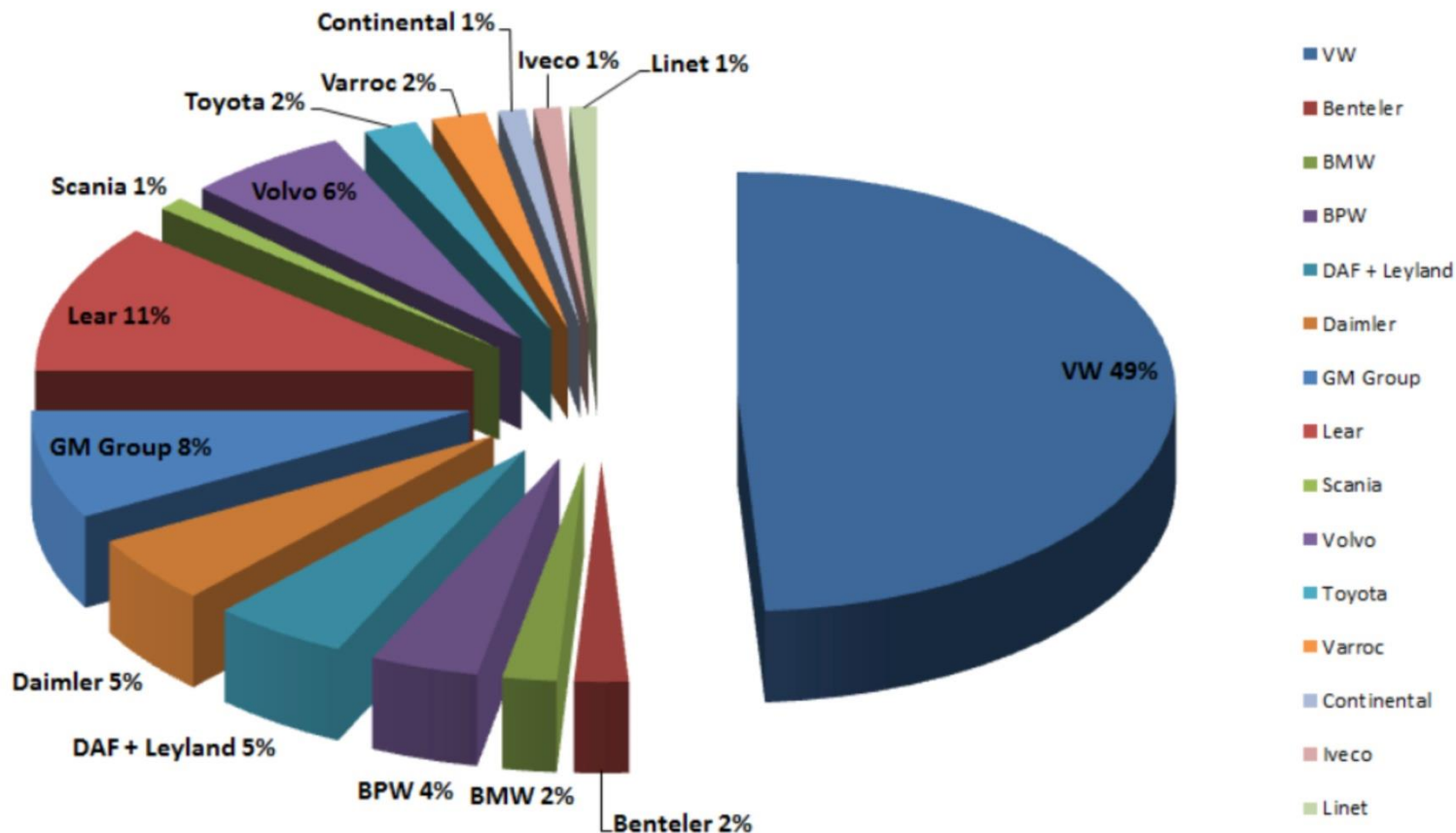


GENERAL



BRANO GROUP Customers

PRESENTATION BRANO GROUP



ACTUALITY 2019

GENERAL



Automotive Products

SBU Door Sys[®]

Latches and Locking Systems

Electronic Latches

and Locking Systems

Hood Locking

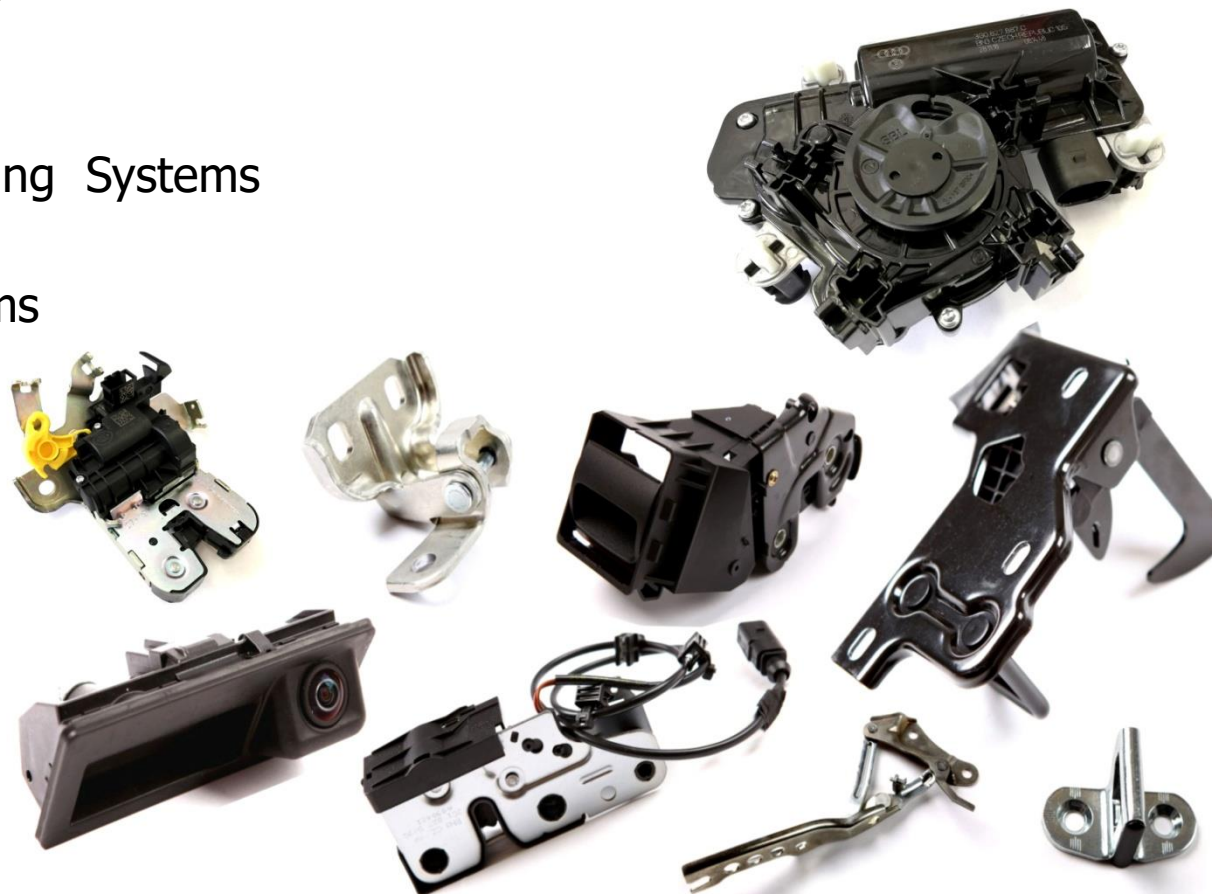
Mechanisms

Striker Plates

Hinges

Seat Latches

Horns

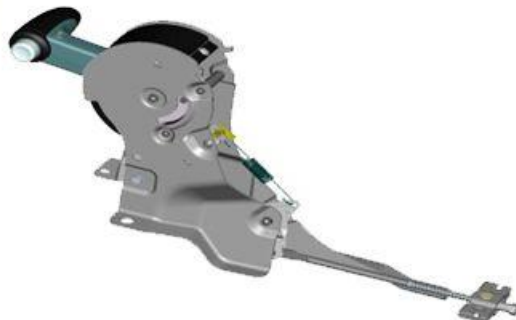


Automotive Products

SBU Cockpit Systems

Pedal Boxes

Hand Brake Levers



Automotive Products

PRESENTATION BRANO GROUP

SBU Commercial Vehicles

Shock Absorbers and

Suspension Parts

Heaters

Electrical / Air Horns

Pulse
Pumps



GENERAL



ADVERTISING BRANO GROUP, a.s.

Automotive Products

SBU ZZ

Schalthebel

VW,

OPEL,

GM

Bearing anchorage VOLVO, Ford



Others



PRESENTATION BRANO GROUP

LIFTING DEVICES, DOOR CLOSERS,
CAR JACKS

Non/Automotive Products

Rack and lever jacks

Hydraulic jacks

Rope hoists

Rack jacks

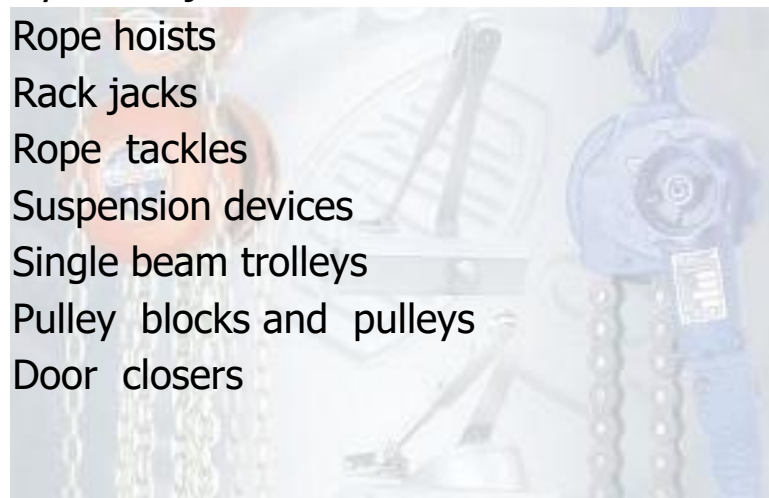
Rope tackles

Suspension devices

Single beam trolleys

Pulley blocks and pulleys

Door closers



GENERAL



ADVERTISING BRANO GROUP, a.s.

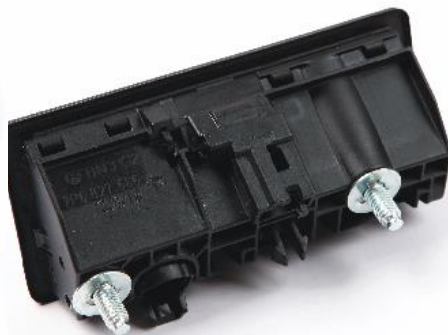
Automotive Products

SBU PLASTICS

Parts development

Mass production of
plastic parts

Moulding of metal parts



Automotive Products

PRESENTATION BRANO GROUP

SBU FOUNDRY

Castings for :

- automotive industry
- scaffolding and frameworks
- electrical industry
- agriculture
- general use

commercial castings

production capacity 5000 t/year

weight of castings till 3 Kg/pcs

maximum castings size 300x250x120 mm

dimensions of frames: 580 x 460 x 120 / 120mm

patterns – according to drawings or samples



FAG

VOLVO

Volvo Personvagnar AB
Volvo Car Corporation



Audi



GETRAG

GENERAL



On the technology of machining co-operate in one team our specialists, designers, technologists, our tooling department and supplier of tools and machines.

Materials:

- malleable cast iron – according EN 1562 (EN-GJMW-360-12, EN-GJMW-400-5, EN-GJMW-450-7, EN-GJMW-550-4)
- nodular cast iron as per EN 1563 (EN-GJS-400-15, EN-GJS-450-10, EN-GJS-500-7, EN-GJS-700-2), accuracy according to ISO 8062, CT 8-10



Automotive Products

PRESENTATION BRANO GROUP

PROF SVAR

Original producer of tow-bars



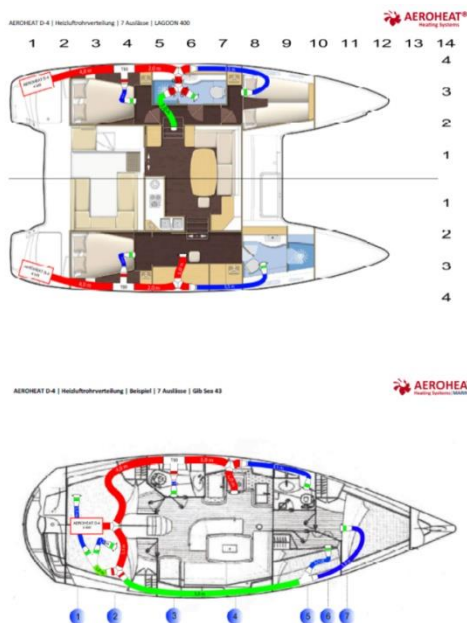
GENERAL



Automotive Products

KOMP GmbH

AEROHEAT® is the technically innovative diesel air heating - by KIT to the complete heating system. Known by the Super Silent technology and the latest active and passive safety technology



Q & E Management

BRANO a.s.

- 1992 New Quality Management System based on ISO 9000 Standards
Rank Xerox Supplier Audit
- 1997 VW Supplier Audit -> Category A - Authorization for welding
Re-certification according to ISO 9001
Certification QS 9000, VDA 6.1
Evaluation GREEN by FORD, Passed by OPEL, GM
- 2001 Re-certification according to ISO 9001, QS 9000, VDA 6.1 and ISO 14001

BRANO GROUP, a.s.

- 2002 Re-certification according to ISO 9001, QS 9000, VDA 6.1 and ISO 14 001
- 2003 Certification of QMS according to ISO/TS 16949:2002 and ISO 9001:2000

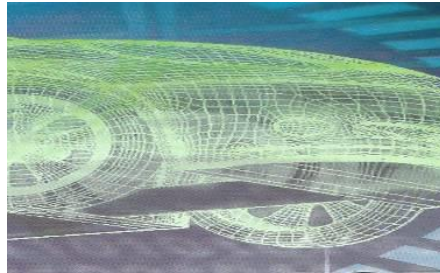
2003 - 2019 **IATF - ISO 9001** **ISO 14 001** **- ISO/TS 16949**



R&D Facilities and equipment

PRESENTATION BRANO GROUP

- CAD, CAM, CAE/FEM
- 28 NX/IDEAS (3D)
- 18 NX/IDEAS (2D)
- 19 CATIA V5 R26
+ Kinematics Simulator
- 2 Pro/Engineer + 1 mat. Modul
- 7 Solid Edge, 1 Autostemp Flex
- 9 CAM, 6 VISUALISATION
- 2 Software Forming, 4 3D Part Catalog
- PLM Product Lifecycle Management
- Manufacturing of prototype samples and prototype tooling in-house
- Electro-erosive machining
- Laser Sintering (SLS printer)



- Test laboratory (4 salt-spray and 5 climate chambers, lifetime test bench, tests of strength and material, mechanical, vibration and exhaust gas tests)
- Production of models and functional prototypes
- Dynamic testing of vehicles under real operation conditions
- Acoustic and frequency analysis
- Virtual Technology - Crash / FEM, NVH analysis, Virtual durability
- X-RAY & FORD C3P

R&D Phase: Validation

PRESENTATION BRANO GROUP

Internal equipment

- › Testing laboratory, stands
- › 4x salt chamber
- › 6x climate chamber including external 6m³ box
- › 3x vibratory mill
- › Dynamical stands
- › Tensile strength machine
- › Hydropulsing machine
- › Accelerated lifetime test
- › X-Ray



R&D Phase: Validation

External cooperation

- › VŠB – acoustics & thermodynamics & vibration
- › ČVUT – robotics & mechatronics
- › TUL – analysis of plastic materials
- › UTB – plastics & acoustics
- › VÚTS – material engineering
- › SWELL – UV testing
- › ITC Zlín - plastics

Manufacturing

STAMPING:

- Automatic presses 100 - 1000 tons with progressive stamping dies
- Automatic presses 630 tons and 1000 tons electronic transfer dies
- Manually operated presses 10 - 160 tons for bending, hole tapping
- CNC-controlled blanking press
- Vibration deburring
- Degreasing, Washing machine

FINE BLANKING:

- Fine blanking presses 250 - 400 tons
- Abrasive band grinding machine deburring fine blanking parts

TOOLING:

- Development, design and manufacturing of tooling, progressive and transfer dies and fixtures
- Development of special purpose machines
- Electro-erosion machining

WELDING:

- Spot welding
- CO₂- welding
- Welding of stainless steel
- Welding under protective atmosphere
- Welding robots



Manufacturing

FOUNDRY :

- new automatic line (max. capacity 5000 tons /year with weight up to 5 kg ductile iron – malleable cast iron)

PLASTICS :

- Presses 25 – 400 tons
- In-pressed metal parts in horizontal or vertical machine position
- Production of appearance demanding parts
- Programme for cycling
- Moulds testing including testing and measuring report
- Powder coating
- Ultrasonic welding
- Tool-making
- Prototype moulds
- Short run moulds made of Al alloys Graphite electrodes manufacturing using 3R attachment system
- Automation system to dispense one part PUR Penguin Foam onto the Griffaster



PROF SVAR:

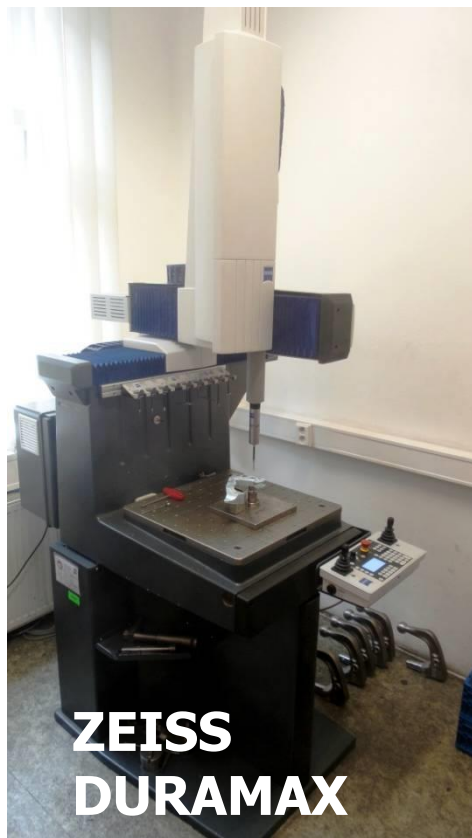
- Laser cutting on TRUMPF L3030 3,2 kW

Manufacturing

PRESENTATION BRANO GROUP

3D MEASURING devices:

- by ZEISS
- Mitutoyo



Manufacturing

MACHINING:

- CNC - machining centers
- classical machining, turning, drilling, grinding, milling, Thread rolling

HEAT TREATMENT:

- Heat treatment on-line under protective atmosphere

LASERS:

- 2D Laser cutting on TRUMPF L3030 3,2 kW
- 3D Laser cutting on TRUMPF Tube 5000 T05

SURFACE TREATMENT:

- Grinding
- Tumbling
- Superfinish – Honing

COATING:

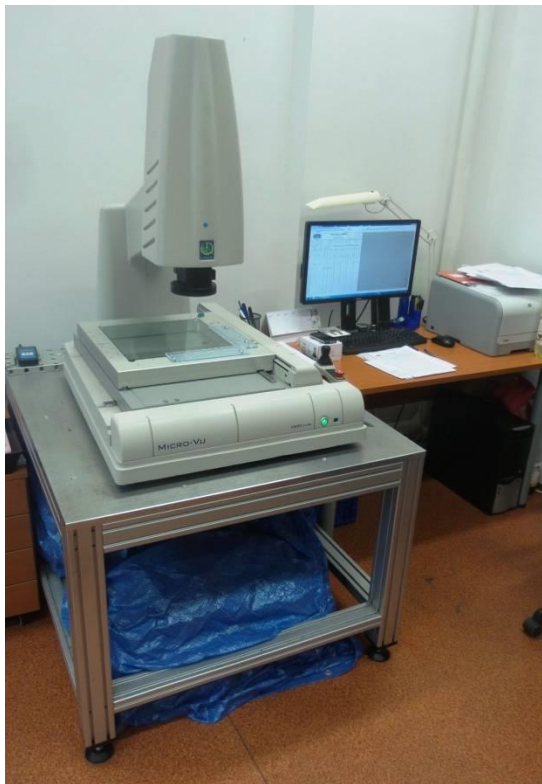
- Cataphoresis dying line MecaTec, line Eisenmann
- Synthetic coating line
- Deltacol surface treatment

ASSEMBLY:

- semi-automatic lines
- programmable torque control



Manufacturing



VERTEX 311UM



BATYR600



Our Employees

BRANO a.s.

Status : 3/2019

* Marketing, Purchasing, Quality, Services, Financial Dept.

SBU	Staff	R&D	Indirect Workers	Product. Workers	S
Lifting Devices, Door Closers, Car Jacks	30	24	46	180	280
Door Systems	46	49	94	410	599
Foundry	17	13	35	154	219
Tools	13	34	7	129	183
Commercial Vehicles	30	25	27	98	180
Cockpit Systems	22	20	30	81	153
Plastics	24	4	27	72	127
Heating	8	2	11	15	36
Development Office		7			7
Administration BG *	61		49		110
TOTAL	251	178	326	1139	1894

Subsidiary Companies

PRESENTATION BRANO GROUP

Status : 3/2019

Subsidiary Companies	Staff	R&D	Indirect Workers	Product. Workers	S
BRANO GROUP, a.s.	8				8
BRANORUS o.o.o	9		6	12	27
BRANO BAOLU	19	10	16	63	108
BRANO SLOVAKIA	6				6
BRANOMARKET, s.r.o.	10				10
BRANO IT, s.r.o.	7				7
DELTACOL CZ s.r.o.	5		2	20	27
PROF SVAR s.r.o.	36	6	10	41	93
OTSUKA BRANO, s.r.o.	18	2	19	26	65
BRANO INVEST, s.r.o.	1				1
TOTAL	119	18	53	162	352



Staff Training

Quality Training

Safety at Work

Project Management

Language Training

Teamwork

Special Laws, Regulations and Instructions

Regular Staff Training

Training on All Staff Levels

Internal and External Classes and Lecturers

Advanced Education Possibilities



Our Vision & Company Mascot

QUALITY

DYNAMISM

INNOVATION

EFFICIENCY

PROFESSIONALISM

CUSTOMER

SATISFACTION



GENERAL

