

kmb



Manufacturing of serial parts
for the Automotive Supply Industry

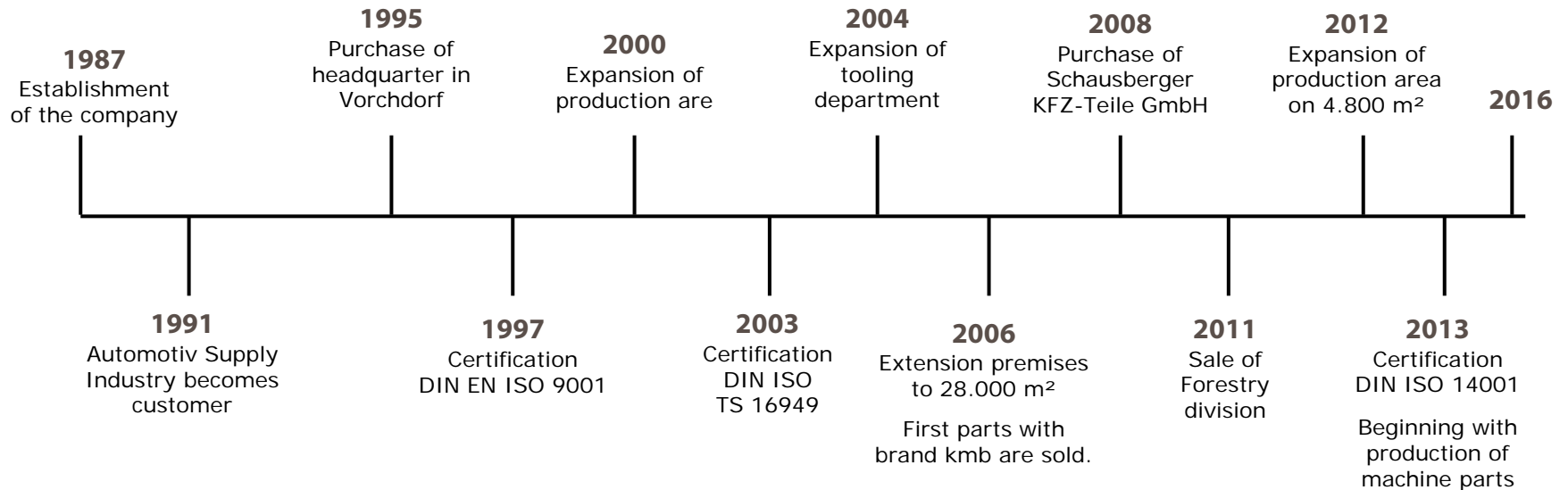
www.kmb-technik.at/en

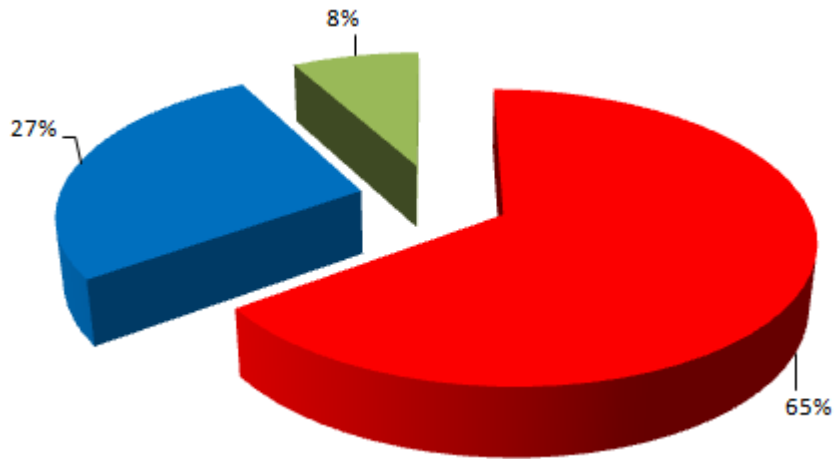
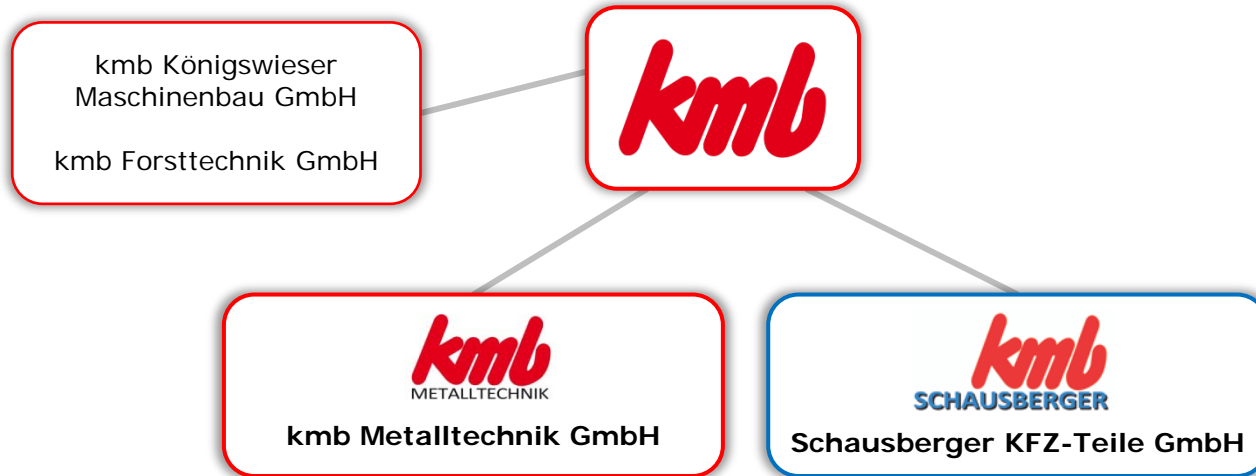


1998 Premises of kmb



2010 New production hall





- Production of serial parts
- Trade of vehicle parts
kmb → for wholesalers
Schausberger → for retailers / private persons
- Investment and Real Estate

Facts 2015

(status: 29.04.2016)

Turnover:	9,4 million Euro
Cash Flow:	1,1 million Euro
Equity ratio:	27 %
Number of employees:	80

We offer

- Milling
- Turning
- Punching
- Vehicle parts and assemblies



Serial production with fully automated plants

- Tooling & fixtures
- Special machines
- Prototyping
- Own production development



as related processes

- Deburring
- Resistance welding
- Honing and grinding
- Laser engraving
- Assembly

Serial milling parts

Subcontraction & System supplier

from app. 1.000 pieces

As a system supplier, we also provide the benefits and wrap additional foreign service processes for you.

max. mounting dimensions	L: 650 mm x B: 350 mm x H: 250 mm Ø 600 mm
Weight	max. 10 kg
Materials	<ul style="list-style-type: none"> • sintered parts • castings (cast iron, ductile iron, cast steel) • Aluminium (sand casting, permanent mold casting, die casting) • forgings in steel, aluminium and non-ferrous metal • titanium, stainless steel, structural steel
Customers or areas	<ul style="list-style-type: none"> • Automotive supply industry • vehicle, gear and engines engineering • mechanical engineering • Aircraft suppliers





Serial turning parts

Subcontraction & System supplier
from app. 1.000 pieces

It is possible to stand up complex 9-axis machining and combinations of turned and milled parts.

Size of parts

L: max. 400 mm
Ø max. 600 mm

Materials

- sintered parts
- castings (cast iron, ductile iron, cast steel)
- Aluminium (sand casting, permanent mold casting, die casting)
- forgings in steel, aluminium and non-ferrous metal
- titanium, stainless steel, structural steel

Customers or areas

- Automotive supply industry
- vehicle, gear and engines engineering
- mechanical engineering
- Aircraft suppliers



Serial production

Subcontraction & System supplier
from app. 10.000 pieces

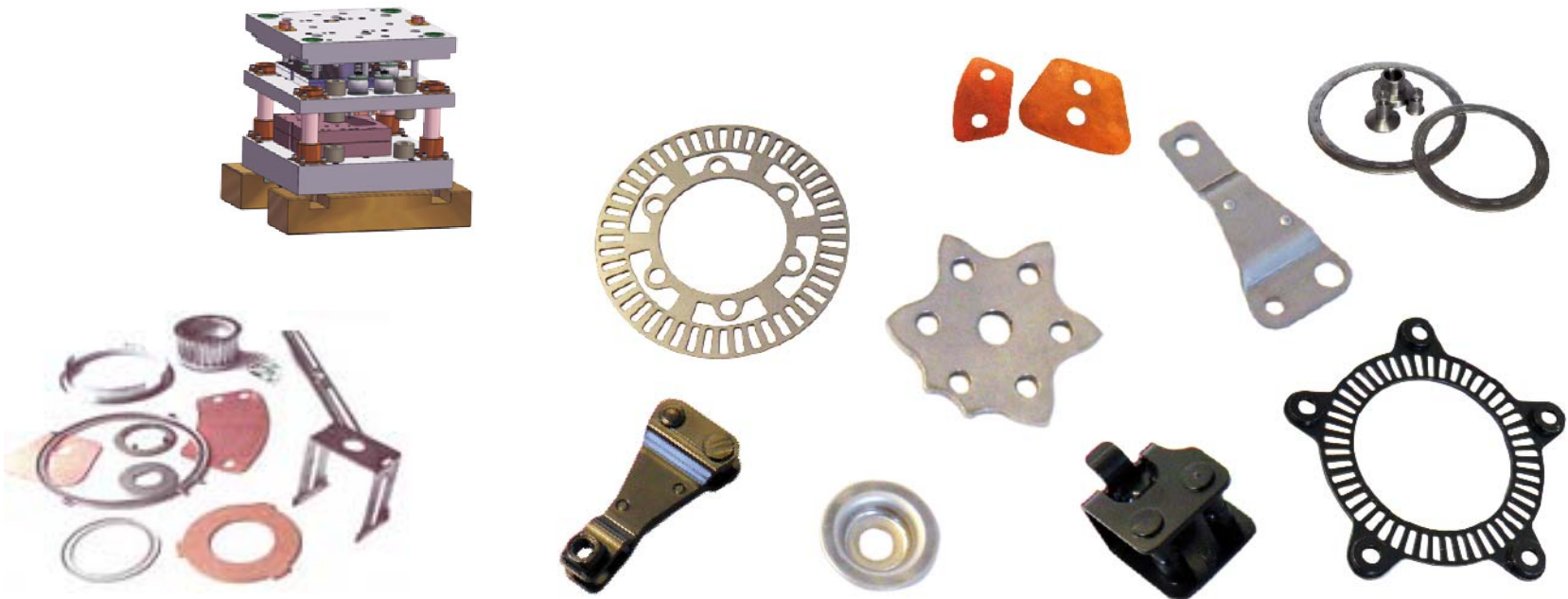
Punching machines with a cutting force from 40 to 160 tonnes
own design and toolmaking

Requirement

- Thickness up to max. 3 mm
- Bandwidth up to 220 mm from the coil

Materials

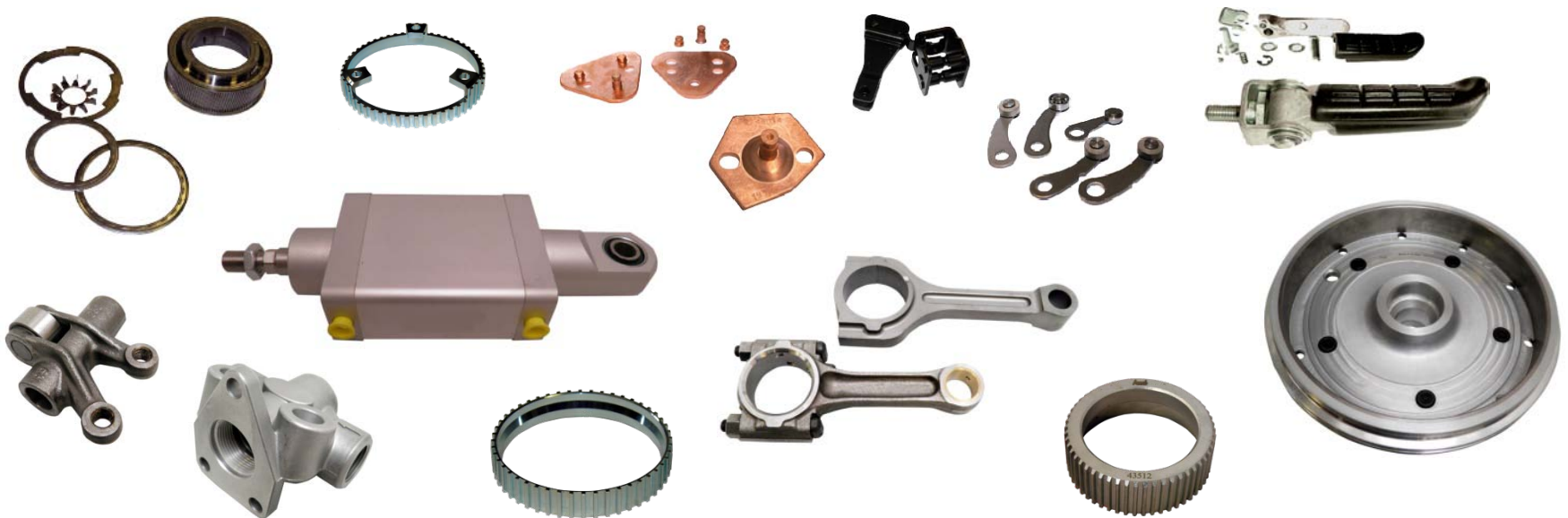
- various metals



Mechanical production by turning, milling, stamping and further processing by other methods
from app. 100 pieces

Thanks to our own mechanical production, we have the ability to deliver pre-finished modules.

Vehicle parts	<ul style="list-style-type: none">• Engine and transmission components• Suspension parts• Parts for brake systems
Assemblies	<ul style="list-style-type: none">• Hydraulic parts• Pneumatic parts
Customers or areas	<ul style="list-style-type: none">• Automotive supply industry• Engineering of vehicles and engines• Mechanical engineering



Automated mass production

milling, turning and resistance welding

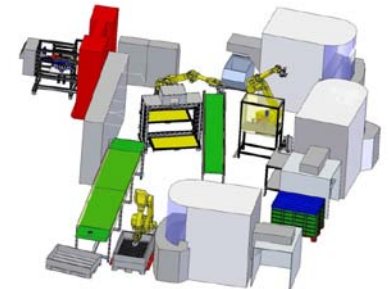
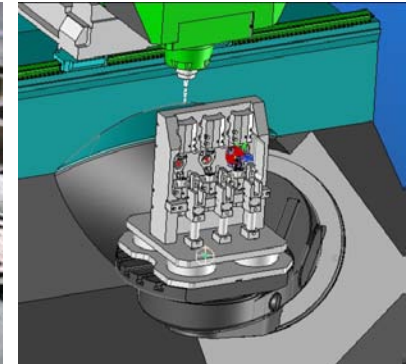
Fully automated editing of components

- medium to large series

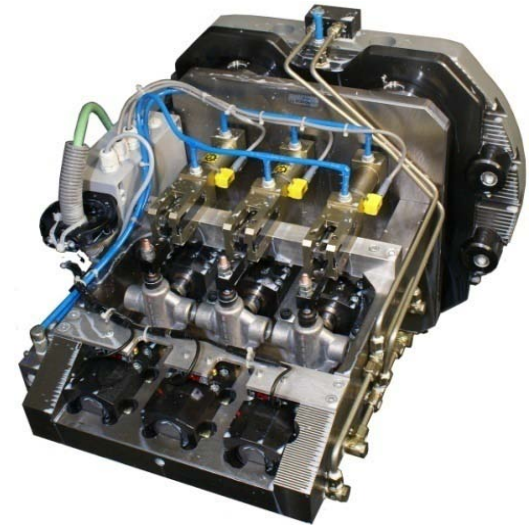
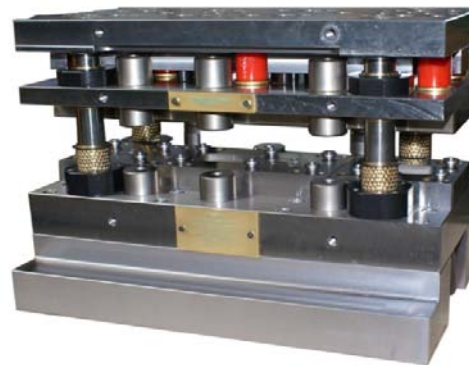
Cost flexible kmb automation solutions

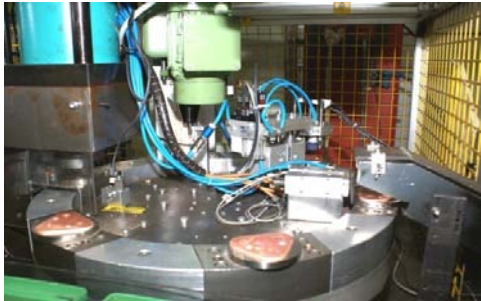
- with kmb own tool, production and development of special plants
- rational and cost effective product and project development, including implementation
- CAD, CAM, tool management and digital tool management

Processing with automated component measurement in the manufacturing process



We develop and manufacture tools, equipment and special equipment for project-related processing of our custom production projects.





Serial production

in course of turning, milling and punching

- TEM deburring
- ECM deburring
- Brush deburring with specially developed and built special machines
- Sandblasting



Serial production

in course of turning, milling and punching

Parts size: app. 200 x 200 x 150 mm

Parts weight: up to app. 10 kg

Welding of low alloy steel parts



Serial production

in course of milling and turning



Serial production

in course of milling, turning and stamping

There are hardly any requirements which can not be realized by means of laser.

Logo, serial and drawing numbers, variable text, Barcodes in various designs, and more.
By means of laser engraving and lettering we offer a cost direct marking your parts.

- in color and gray shading (depending on material)
- on all metals and almost all plastics



MILLING CENTERS		Working area in mm
DMG DMC 55H duo BLOCK	4-Achsen - Palettenwechsler	x-560, y-600, z-600
STAMA MC 326 S plus	4-Achsen - Pendelbearbeitung	x-700, y-400, z-360
STAMA MC 326 S plus		
STAMA MC 326 S plus		
STAMA MC 326 twin – Doppelspindel		x-520, y-300, z-360
OKUMA MU 500 VAL	5-Achsen	Ø730 x 500
DMG DMU 50 evo linear	5-Achsen	x-550, y-450, z-400
DMG DMU 50 evo linear		
DMG DMU 50 evo linear		
DMG DMC 635V	3-Achsen	x-635, y-510, z-460
TURNING CENTERS		Working area in mm
EMCO turn 342 + 3m Lader FMB - Stangen- und Futterdrehen		Ø 40 mm; z-300
EMCO turn 360 + 3m Lader FMB - Stangen- und Futterdrehen		Ø 60 mm; z-400
OKUMA LT-2000 1-MY + 1m Lader FMB + Gegenspindel + 2x Revolver + Y-Achse		Ø 210 mm; z-700
EMAG VSC 160 mit Beladesystem - Vertikaldrehen		Ø 160 mm; z-100 mm
EMAG VL3 mit Beladesystem - Vertikaldrehen mit Fanuc Roboter		Ø 160 mm, z-150 mm
EMAG VL3 mit Beladesystem - Vertikaldrehen mit Fanuc Roboter		
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EMAG VL5 mit Beladesystem - Vertikaldrehen		Ø 200 mm, z-200 mm
WMW DF 3 - Futterdrehen		Ø 700 mm; Drehlänge-450 mm

RESISTOR / CAPACITOR DISCHARGE WELDING		Working area in mm
NIMAK Power KES 20.000 - Schweißanlage mit Fanuc Roboter		
NIMAK Power KES 40.000 - Schweißanlage mit Fanuc Roboter		
TOOLMAKING (PROTOTYPE PRODUCTION)		Working area in mm
DMG DMU 50 T - Fräsmaschine	3-Achsen	x-500, y-450, z-400
DMG DMU 50 T - Fräsmaschine		
DMG DMU 50 evo linear - Fräszentrum	5-Achsen	x-550, y-450, z-400
Gildemeister NEF 400- Drehmaschine	2-Achsen	Ø 350 mm; z-700
Gildemeister NEF 600- Drehmaschine	2-Achsen	Ø 600 mm; z-1250
diverse Schleif-, Bohr- und Sägemaschinen		
SPECIAL MACHINES		Working area in mm
SBZ 9 – Rundtaktmontagepresse mit 6 Stationen		
Richtmaschine – Galdabini 160 kN		
Centerless - Rundschleifmaschine – König und Bauer - Multimat		
Flachschleifmaschine – ELB – Typ BD10		x 1.000, y 400, z 600
Lasermarkiermaschine TruMark – Trumpf		
Bandsägeautomat HBP 313 A CNC– Behringer		
TURNING AND MILLING CENTERS		Working area in mm
Gildemeister GMX-250-linear	9-Achsen	Ø 640 mm; z-1500 mm
Gildemeister GMX-250-linear	9-Achsen	Ø 640 mm; z-1500 mm

WASHING / DEGREASING / DEBURRING MACHINES	Working area in mm
BUPI - Ultraschallreinigungsanlage	700x500x400 mm
DÜRR Ecoclean Universal 81 C - Entfettungsanlage, mit automatischer Beschickung; (Reinigungsmittel – nicht halogenisierte Kohlenwasserstoffe)	Korbgröße 670x480x300
MAFAC - Teilewaschmaschine – auf wässriger Basis	Korb 600x400x289
PERO – Teilewaschmaschine – auf wässriger Basis	
BOSCH TEM 80 - Explosions-Entgratanlage	Ø 100 mm, z-150 mm
PUNCH PRESSES	Working area in mm
KAISER V 125 W Stanzautomat mit Zangenvorschub und Richtwerk - 125 To	Tisch 1000x800 mm
RÖCHER RVP 160.21 –160 To hydr. m. elektr. Walzenvorschub, Richtwerk u. Zusatzhydr. f. Optionsbetätigung	
Geb Brüder EDELHOFF DSW 100 S -100 To Stanzautomat mit Zangenvorschub u. Richtwerk	Tisch 600x800 mm
kmb Eigenbau Presse - 60 To hydr. mit elektr. Walzenvorschub und Zusatzhydraulik f. Optionsbetätigungen	Tisch 700x500 mm
MEASURING SYSTEMS	Working area in mm
Mitutoyo Crysta-ApexC 7106 - 3D-Messmaschine	x-705, y-1005, z-605
Mitutoyo Crysta-ApexC 9166 - 3D-Messmaschine	x-905, y-1605, z-605
Mitutoyo Formtracer SV-C3200 S-3000 - Konturograph und Perthometer	x-200
Mitutoyo Contracer CV-3100 - Konturograph	x-100
Trimos Vertical 3 - Höhenmessgerät	z-600
Mitutoyo Surface SJ-400 - Perthometer	
Mitutoyo Surface SJ-210 - Perthometer	
Wolpert Testor 722 - Härteprüfgerät	





best quality inside



We are certified to

ISO 9001:2008
ISO/TS 16949:2009
ISO 3834-2:2005
ISO 14001:2004

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