

9 MODULES OF AUTOMATION

TÜNKERS Maschinenbau GmbH

Am Rosenkoth 4-12
40880 Ratingen
Germany
Phone +49 2102 4517-0
info@tuenkers.de
www.tuenkers.de

NIMAK GmbH

Frankenthal 2
57537 Wissen
Germany
Phone +49 2742 7079-0
info@nimak.de
www.nimak.com

EXPERT-TÜNKERS GmbH

Seehofstraße 56-58
64653 Lorsch
Germany
Phone +49 6251 592-0
info@expert-tuenkers.de
www.expert-tuenkers.de

SOPAP Automation

P.A. Ardennes Emeraude, Rue Henri Faure
08090 Tournes
France
Phone +33 3 24 52 94 64
sopap@sopap.com
www.sopap.com

ARGENTINA - TÜNKERS DE ARGENTINA S.A.

Marmol 432
Quilmes (1878) Buenos Aires
Phone +54 11 2100-2900
info@tuenkers.com.ar

FINLAND - Berga Maskin

64693 Gnesta
Phone +46 158 31112
info@berga-maskin.se

MEXICO - Tunkers de México, S.A. de C.V.

AV. Revolución No. 67
72730 Col. Sanctorum, Cuautlancingo, Puebla
Phone +52 222 393 5547
christian.volkmann@tuenkers.mx

SLOVENIA - RD PICTA tehnologijel d.o.o.

Žolgarjeva ulica 2
2310 Slovenska Bistrica
Phone +386 (0)31 387 430
rajko.dobnik@picta.si

AUSTRIA - B-S-D Spanntechnik GmbH

Sportplatzstrasse 31
3385 Markersdorf
Phone +43 2749 72870-0
office@bsdustria.com

FRANCE - SOPAP Automation SAS

P.A. Ardennes Emeraude Rue Henri Faure
BP 11 09, 08090 TOURNES
Phone +33 3 24 52 94 64
sopap@sopap.com

MOROCCO - TÜNKERS Maschinenbau GmbH

Am Rosenkoth 4-12
40880 Ratingen
Phone +49 2102 4517-0
info@tuenkers.de

SOUTH AFRICA - Demcon (Cape) cc

PO Box 15237ZA-60110 Emerald Hill/Port
Elizabeth
Phone +27 41 4847411
demcon@demcon.co.za

BALTIC STATES - TÜNKERS Maschinenbau GmbH

Am Rosenkoth 4-12
40880 Ratingen
Phone +49 2102 4517-0
info@tuenkers.de

HUNGARY - Miroslav Pavlik

Am Rosenkoth 4-12
40880 Ratingen
Phone +420 603 348 439
miroslav.pavlik@tuenkers.cz

NETHERLANDS - TÜNKERS Maschinenbau GmbH

Am Rosenkoth 4-12
40880 Ratingen
Phone +32 479 983611
frank.maertens@tuenkers.de

SPAIN - TÜNKERS IBÉRICA, S.L.

c/ Enric Prat de la Riba, 14b
08830 Sant Boi de Llobregat (Barcelona)
Phone +34 93 3952827
tunkers@tunkersiberica.com

BELGIUM - TÜNKERS Maschinenbau GmbH

Am Rosenkoth 4-12
40880 Ratingen
Phone +32 479 983611
frank.maertens@tuenkers.de

INDIA - TUNKERS Automation India Pvt Ltd.

S-42, T-Block, Bhosari MIDC, Opposite Pawana
Industrial Estate, Tal. Haveli,
411026 Dist Pune
Phone +91 91 72 228 761
Jayesh.Keskar@tuenkers.com

POLAND - Jaroslav Rozmiarek

Am Rosenkoth 4-12
40880 Ratingen
Phone +48 660 055 225
jaroslav.rozmiarek@tuenkers.sk

SWEDEN - BERGA MASKIN

SE-646 93 GNESTA
Phone +46 158 311 12
info@berga-maskin.se

BRAZIL - Tunkers do Brasil Ltda.

Avenida Casa Grande, 850 - Galpão 6, 11 e 13
Bairro: Casa grande
09961-350 - Diadema - São Paulo
Phone +55 11 4056-3100
comercial@tuenkers.com.br

INDONESIA - Yarmanis Selvam

Am Rosenkoth 4-12
40880 Ratingen
Phone +60 12 6535845
yarmanis.selvam@tuenkers.de

PORTUGAL - Tunkers Ibérica S.L.

c/ Enric Prat de la Riba, 14b
08830 Sant Boi de Llobregat (Barcelona)
Phone +34 93 3952827
tunkers@tunkersiberica.com

THAILAND - CYS JTECH Co. Ltd.

Panit Wattanacharoen
15/155 Moo 11 Leabkhlongsam Road
T. Khlongsam, A. Khlongluang Pathumtani 12120
Phone +66 968434814
panit@cysjtech.com

CANADA - TUNKERS Canada

1720 Rossi Dr. Oldcastle, ON NOR 1L0
Phone +1 519 9800420
alexis.hutton@tuenkers.com

ITALY - TÜNKERS Italia

StradaTorino, 43 - EUROPALACE, sub.14
10043 Orbassano-Torino
Phone +39 011 5508264
a.michellone@tuenkers.it

ROMANIA - TÜNKERS Maschinenbau GmbH

Am Rosenkoth 4-12
40880 Ratingen
Phone +49 2102 4517-0
info@tuenkers.de

TURKEY - Cava Makina Sanayi ve Dış Tic Ltd.

Dudullu OSB İmes Sanayi Sitesi A Blok 104 Sok.
No: 34776 Umraniye / Istanbul
Phone +90 216 540 01 30
alp.varma@cava.com.tr

CHINA - TUENKERS (Jiangsu)

Automation Technology Co., Ltd.
No. 50 East Dalian Road
215400 Taicang, Jiangsu
Phone +86 512 5367 0111
info@tuenkers.com.cn

JAPAN - TÜNKERS Japan Co., Ltd.

Ken Riebensahm
89-5 Sawada Shinden, Taketoyo,
Chita District, Aichi 470-2342
Phone +81(0) 569-89-8833
info@tuenkers.jp

SERBIA - RD PICTA tehnologijel d.o.o.

Žolgarjeva ulica 2
2310 Slovenska Bistrica
Phone +386 (0)31 387 430
rajko.dobnik@picta.si

UK - TÜNKERS-EXPERT UK Ltd.

Unit 5, Ham Lane, Kingswinford,
West Midlands, DY6 7JR
Phone +44 (0) 1384 287690
neal.judge@tuenkers.de

CZECH REPUBLIC - Petr Cejka

Am Rosenkoth 4-12
40880 Ratingen
Phone +49 162 2181847
petr.cejka@tuenkers.sk

KOREA - TÜNKERS Korea

1404 ho, 205-27, Gasan digital 1-ro,
Geumcheon-gu, 08503 Seoul
Mobile +82 10 2534 2074
youngtae.jang@tuenkers.de

SINGAPORE - Yarmanis Selvam

Am Rosenkoth 4-12
40880 Ratingen
Phone +60 12 6535845
yarmanis.selvam@tuenkers.de

USA - TUNKERS NORTH AMERICA

36200 Mound Road
Sterling Heights, MI 48310
Phone +1 248 362 9555
office@tuenkers.com

DENMARK - Berga Maskin

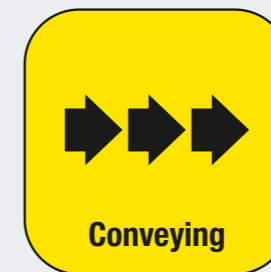
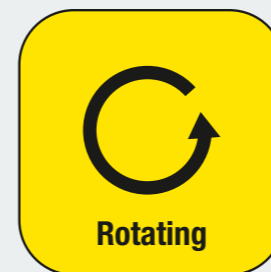
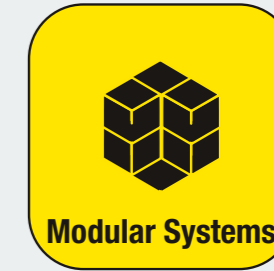
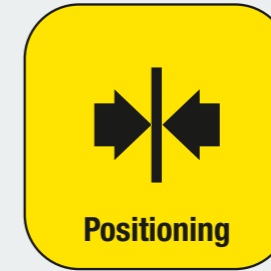
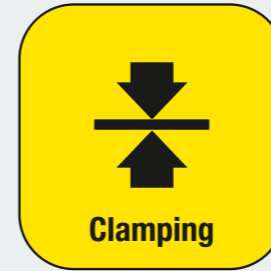
64693 Gnesta
Phone +46 158 31112
info@berga-maskin.se

MALAYSIA - Yarmanis Selvam

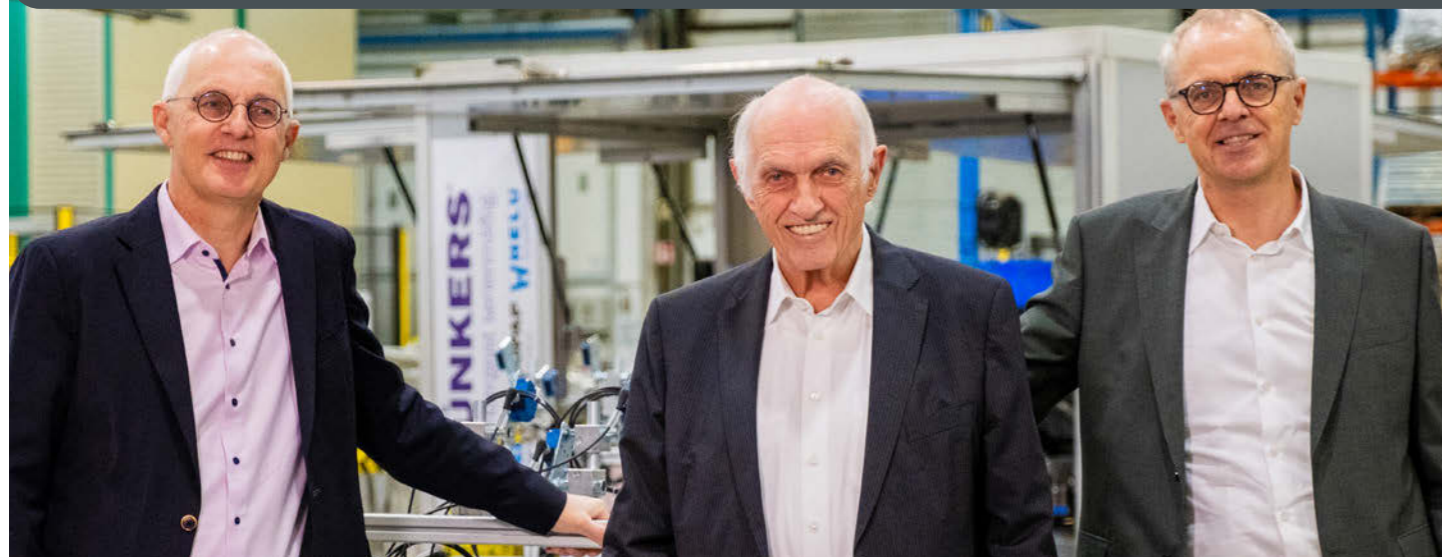
Am Rosenkoth 4-12
40880 Ratingen
Phone +60 12 6535845
yarmanis.selvam@tuenkers.de

SLOVAKIA - Miroslav Pavlik

Am Rosenkoth 4-12
40880 Ratingen
Phone +420 603 348 439
miroslav.pavlik@tuenkers.cz



INTRODUCING TÜNKERS



Our management

Olaf Tünkers, Josef-Gerhard Tünkers, André Tünkers

Automation as a key component of the solution

Automation is not the easy answer, but given the ongoing cost pressures, the acute shortage of skilled workers, rising labour costs and increasing quality requirements, the increased use of automation represents a crucial component of the solution for addressing these challenges and optimising production processes in the long term.

Automation is our world

With extensive experience in the automation of automotive body construction, the TÜNKERS Group possesses in-depth expertise in the fields of clamping, gripping, forming, welding, bonding, dosing, rotating, conveying and transporting – which we regard as the key modules of modern automation solutions.

With this know-how gained in large-scale series production, we provide support wherever the highest quality requirements must be met, whether in series production or in single-unit and small-batch manufacturing.

International Support

As a partner to the automotive industry, we have a global network of branch offices and subsidiaries in:

Austria, Argentina, Belgium, Brazil, Canada, the Czech Republic, China, France, Great Britain, India, Indonesia, Italy, Japan, Korea, Malaysia, Morocco, Mexico, the Netherlands, Poland, Portugal, Romania, Sweden, Slovakia, Spain, South Africa, Thailand, Turkey, Hungary, the US, and Vietnam.

For us, local support to our customers in their native language, reliable service and rapid supply of spare parts go without saying – we stand right next to our customers when they need us.

Family-run business

As a second-generation family-run business with over 60 years of experience, we take a long-term view. Our focus is not on individual orders, but on building a reliable partnership with our customers based on continuity – just as we have done for many years with car makers and their production plants. We provide reliable solutions for your automation processes and generate long-lasting benefits for your business.

OUR MODULAR SYSTEM

This TÜNKERS modular system provides the basis for efficient plant engineering:

FASTER

- consistent use of ready-made modules for quicker system modelling
- no more need for time-consuming custom solutions

MORE FLEXIBLE

- easy recombination of standard components, adapting to changing conditions

SAFER

- our solutions are based on tried-and-tested technology and proven quality

9 TÜNKERS MODULES

Our aim is to continue optimising and expanding the modular system for you, offering the widest possible range of components. In line with our corporate philosophy, this range grows every day with a new idea and every week with a new product, as evidenced by our global patents.



Clamping

Tools for securing the components in the correct position within the fixture.



Positioning

Axles and cylinders for positioning the component relative to the fixture.



Modular Systems

Modular systems based on clever components for robot grippers, CarSets/MCCs, fixtures, safety fences and more.



Forming

Tools for forming the component by means of punching, embossing and joining.



Welding

Resistance welding – from robotic welding guns to stationary welding machines.



Dosing

Dispensing a wide variety of materials, e.g. sealants or adhesives, for both single-component and two-component applications.



Rotating

Rotary drives used as indexing tables, drum drives, or compact gear units for precise indexed rotation of fixture systems.



Conveying

Conveyor systems as step by step or accumulation conveyors for loading and connecting production cells.



Transporting

Transport systems for complex and heavy assemblies – including chassis parts and other components.

 Clamping	Universal clamp 	Pneumatic gripper 	 Positioning	Electric swivel unit 	Swivel unit 	 Modular Systems	Carbon fibre tube system (TCR) 	One Screw System (TOS) 
Lightweight clamp 	Electric clamp 	Parallel gripper 	Linear unit 	Linear cylinder 	Lifter 	Modular Collection Cart 	Euro gripper tooling system 	Electric gripper 
Underbody clamp 	Swivel clamp 	Manual clamp 	Shot pin 	Rotary index table 	Clamping/Centering unit 		Gripper profiles 	Hybrid gripper 
 Forming	Toggle lever unit 	C-Frame systems Suspension strut hole punch 	 Welding	powerGUN 	universalGUN 	 Dosing	1K-Dosing device 	Double barrel pump 
Servo-electric cylinder 	Power press unit 	Special-purpose machinery 	Transformer 	Submerged arc current sources 	C Frame 	Dosing eccentric screw 		
HydroAir-cylinder 	Tooling technology 		classicGUN 	cubeGUN 		1K / 2K Control systems 	Application heads 	smartDOSING 
 Rotating	EDX Fixed rotary tables 	EDH Flexible rotary tables 	 Conveying	AFTV Vertical conveyor 	LFS Accumulating conveyor 	 Transporting	Lifting columns 	HSF lift-powered rollerbed 
EDC Double-Cam rotary tables 	EGD Globoidal rotary tables 	DHE Rotate-Lift-Unit 	AFS Accumulating conveyor 	AFL Accumulating conveyor 	Pallet roller conveyor 	EFQ Skid-cross-conveyor 	EFH Dual-Box-Lifter 	Seventh Axis 
EGC Ring rotary tables 	EGV Globoid Trunnion 	EDM Manual rotary tables 	Rack changer 	AFS 90° Accumulating conveyor 	Transfer conveyor 	EFQ Level lifter 	AMR Stacker 	AGV Cart TACT 1206 