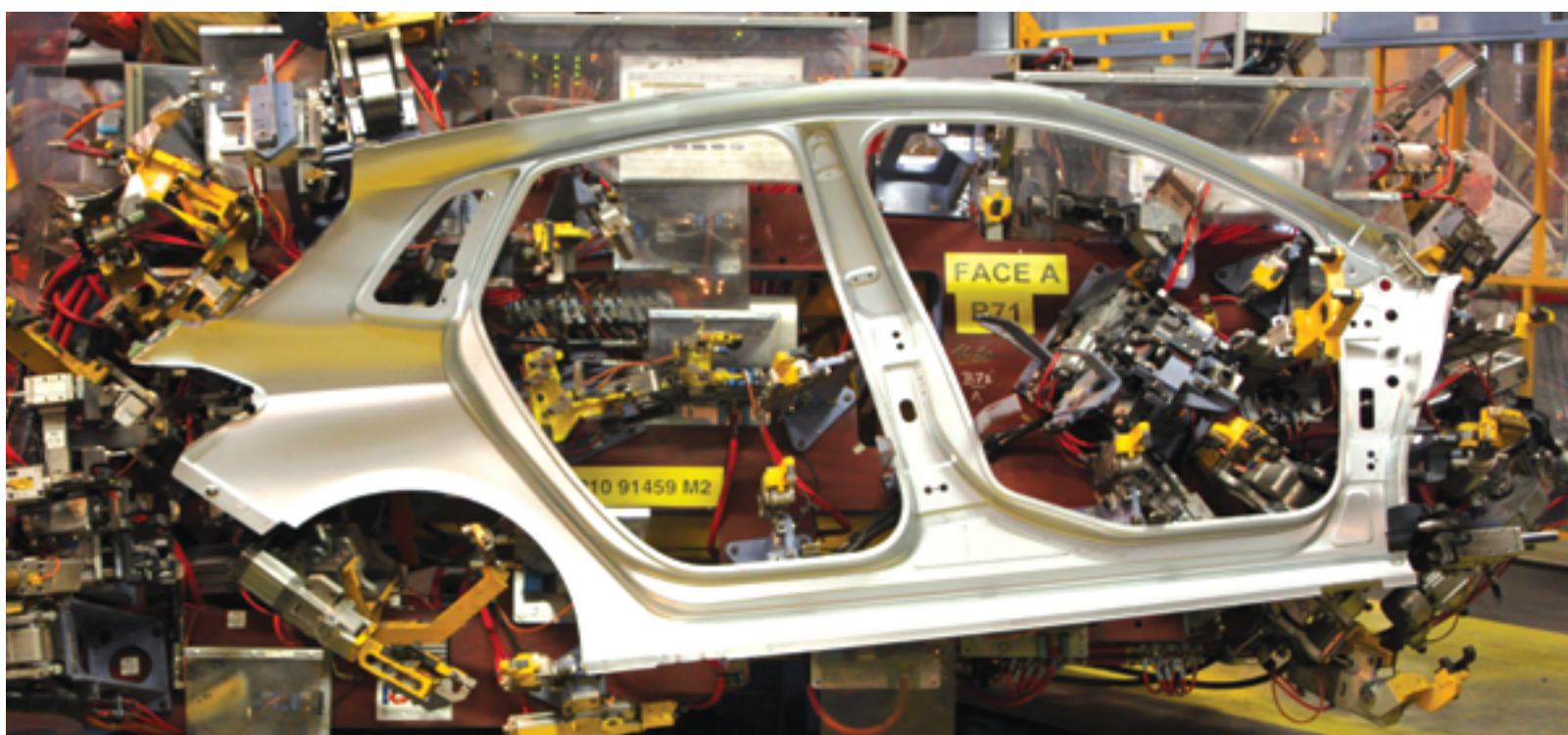




AUTOMOTIVE DIVISION

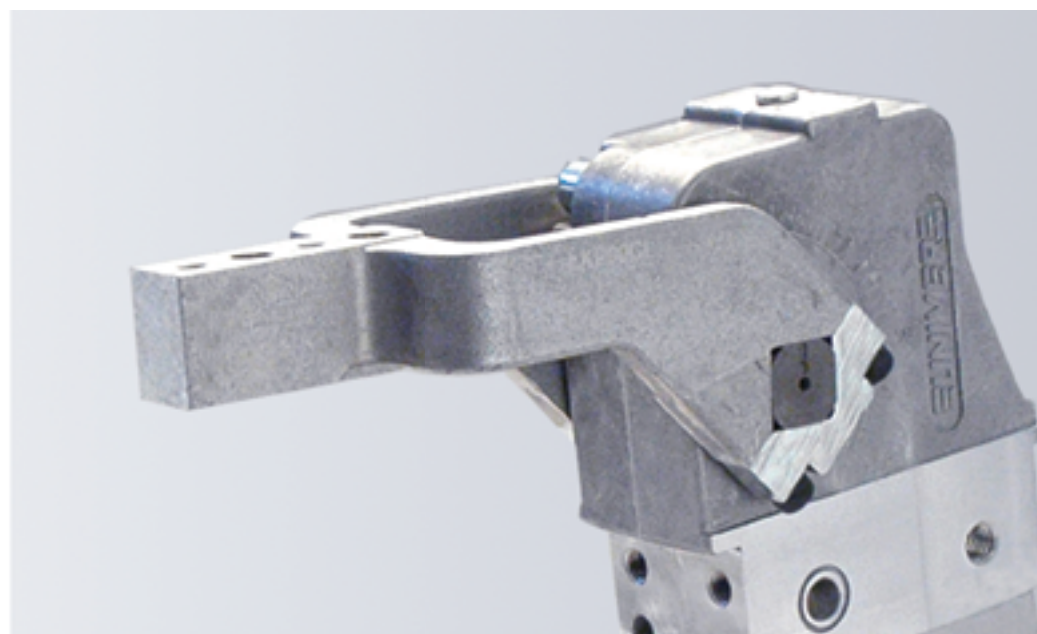


A **single supplier**
with **a complete product range** for

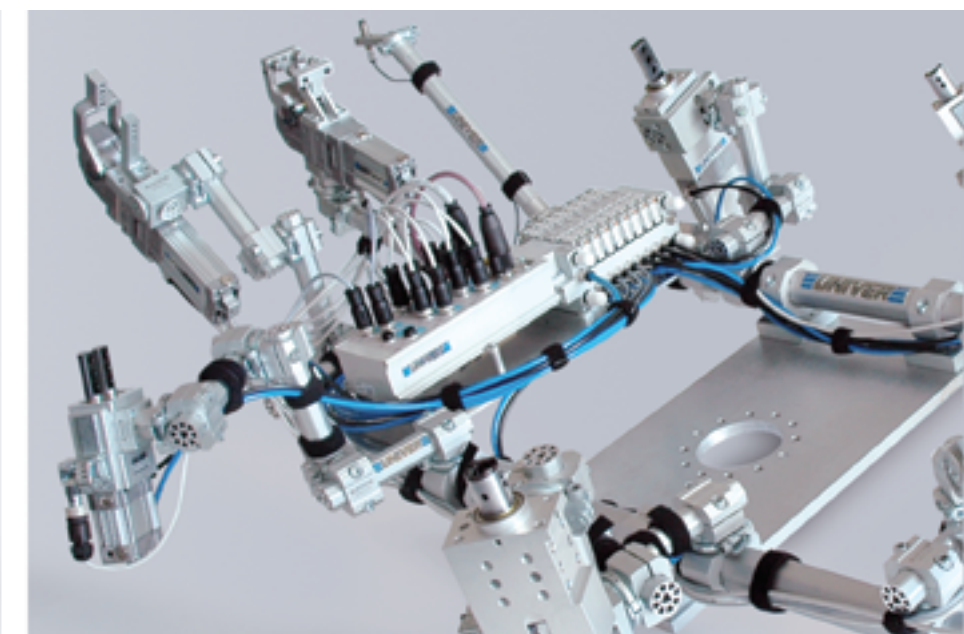
Pneumatic Components for **Automation**



Clamping Technology

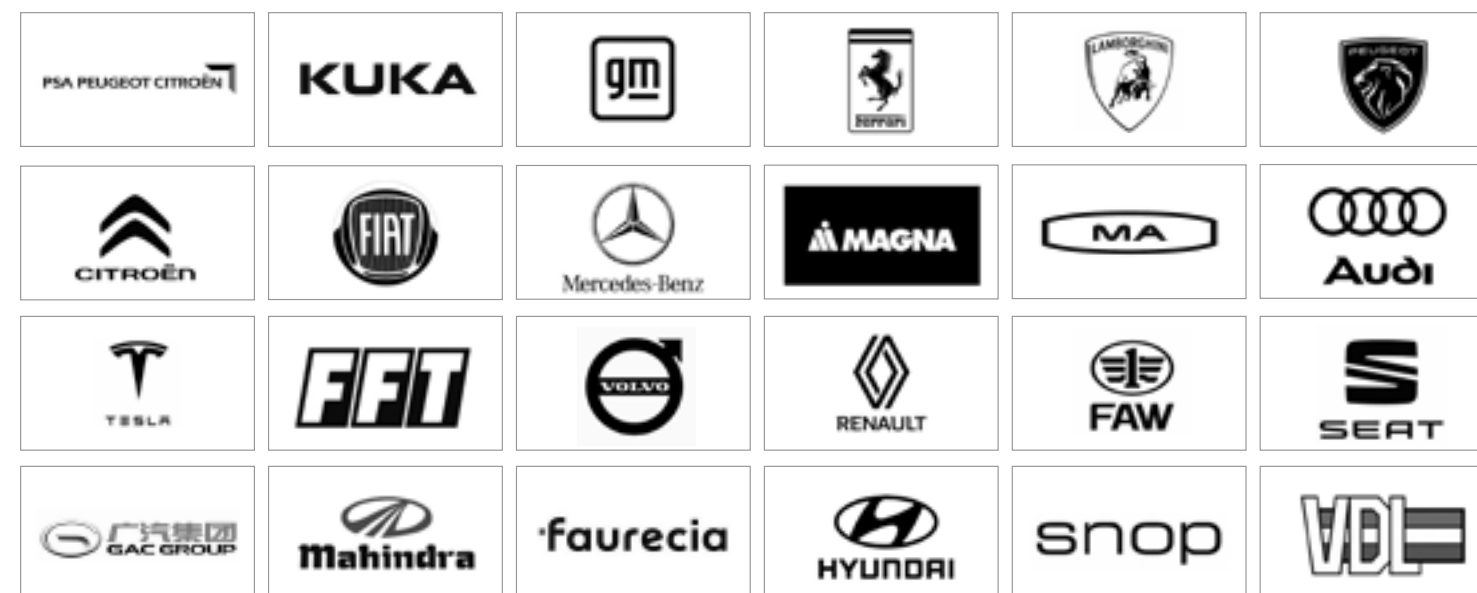
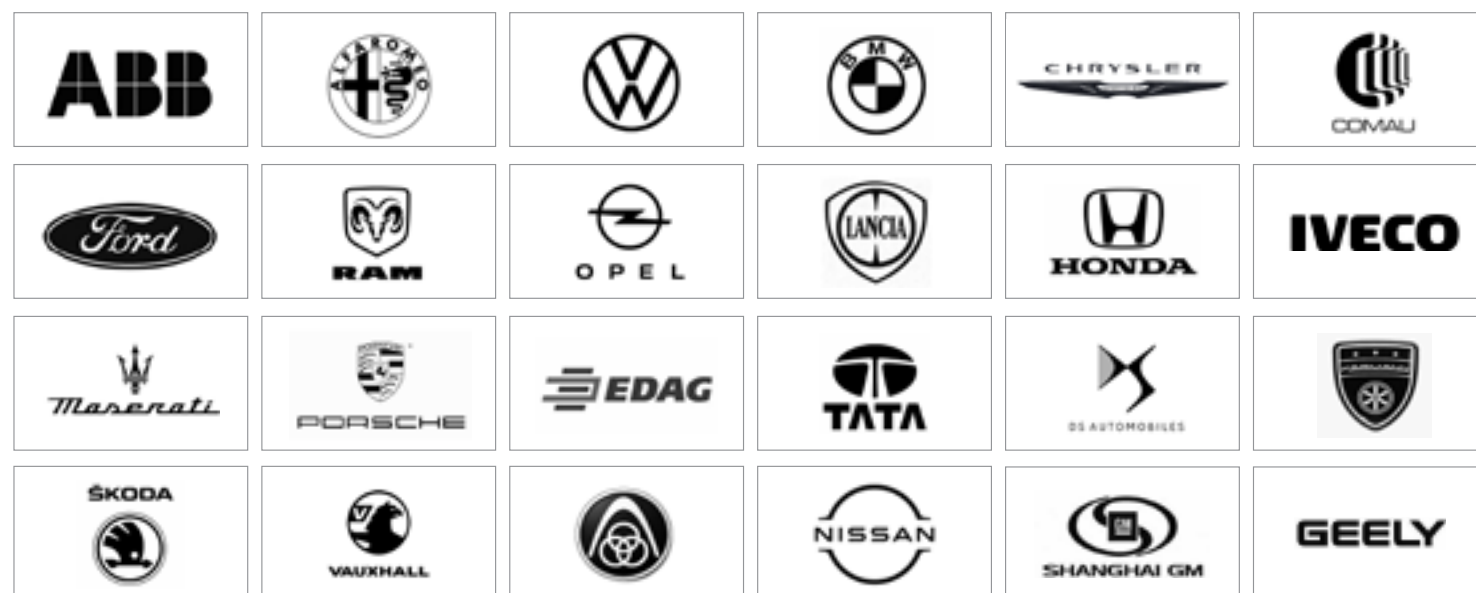
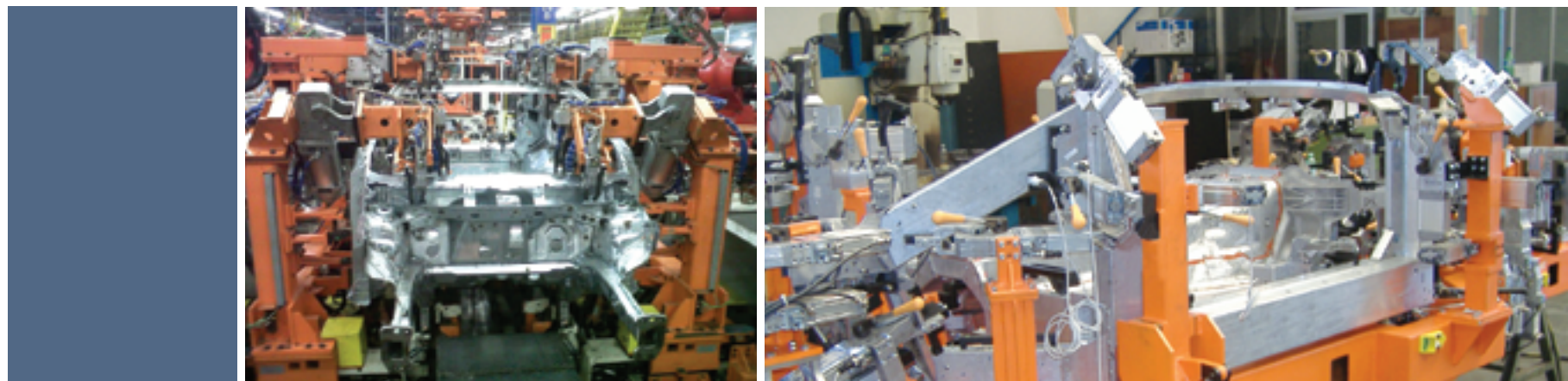


GR8 Modular Tooling System





Our customers



Online Project Books
www.univer-group.com





Complete range

Clamping Technology

ATEX 
Certified products
Available on request

Clamps conforming
to the **NAAMS**
standard



Pneumatic Power Clamps

UCBP/UCBM

MINICLAMP Pneumatic Power Clamps
Ø25 - 32



UCBP/UCBH

UNICLAMP Pneumatic power clamps
Ø40 - 50 - 63 - 80



UCIP

UNICLAMP Pneumatic power clamps Ø40
interchangeable with size 50/63 mm



UCDP

UNICLAMP Pneumatic power clamps
with 2 arms Ø40 - 63



UA

BLUECLAMP Pneumatic power clamps
Ø32 - 40 - 50 - 63 - 80 - **Air saving**



UCBM/UCBQ

UNICLAMP Pneumatic power clamps
with hand lever Ø40 - 50 - 63 - 80



UCIM

UNICLAMP Pneumatic power clamps Ø40 with
hand lever interchangeable with size 50/63 mm



UCBT

UNICLAMP Pneumatic power clamp
Ø40 with central hand lever



UCBL

UNICLAMP Manual power
clamps size 50- 63





Complete range

Pin Packages

ATEX 
Certified products
Available on request

Pneumatic retractable locating pin units with **handlever**

ULM

UNICLAMP Pneumatic retractable locating pin unit with single rod and hand lever Ø50



ULY

UNICLAMP Pneumatic retractable locating pin unit with single rod, hand lever and toggle-joint mechanism Ø40



ULO

UNICLAMP Pneumatic retractable locating pin unit with orientable double rod and hand lever Ø50



ULX

UNICLAMP Pneumatic retractable locating pin unit with orientable double rod, hand lever and toggle-joint mechanism Ø50



ULL

UNICLAMP Manual retractable locating pin unit with single rod size 50



Retractable locating pin units single and double rod

ULP

UNICLAMP Pneumatic retractable locating pin units with single rod Ø32 - 50 - 63



LCG

Pneumatic retractable locating pin units with single rod, conforming to the CNOMO standard Ø50 - 63



ULB

UNICLAMP Pneumatic retractable locating pin units with double guide and rear sensor Ø32



ULZ

UNICLAMP Pneumatic retractable locating pin units with single rod and toggle-joint mechanism Ø40



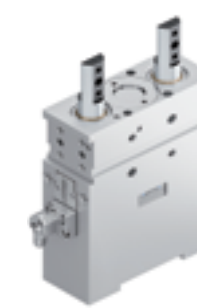
ULA

UNICLAMP Pneumatic retractable locating pin units with orientable double rod Ø40 - 63



ULT

UNICLAMP Pneumatic retractable locating pin units with orientable double rod and toggle-joint mechanism Ø50





Complete range

Pin Clamps

ATEX 

Certified products
Available on request



Pneumatic pin clamps

USP/USS

UNICLAMP Pneumatic pin clamps



USC/USR

UNICLAMP Compact pin clamps



USP50U

UNICLAMP Pneumatic pin clamps horizontal shape



UGP

UNICLAMP Pneumatic gripper units Ø40



UGM

UNICLAMP Pneumatic gripper units with hand lever Ø40



UGPS

UNICLAMP Pneumatic grippers Ø32 - 40



USP/USS

UNICLAMP Pneumatic pin clamps



USC/USR

UNICLAMP Compact pin clamps



USP50U

UNICLAMP Pneumatic pin clamps horizontal shape



USSL

UNICLAMP Pneumatic pin clamps for laser beam applications



UST

UNICLAMP Pneumatic pin clamps with vanishing hook



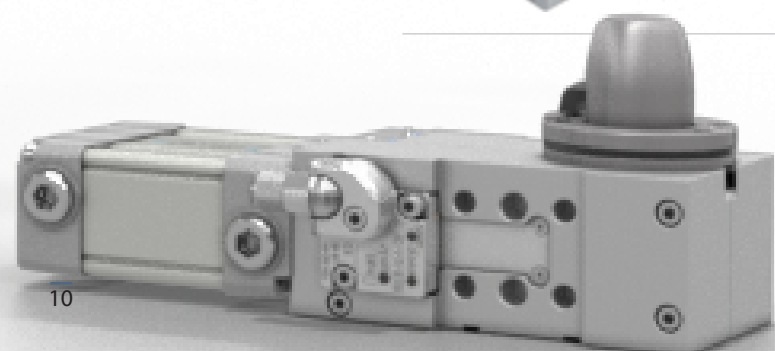
LUP

Pneumatic pin clamps with vanishing hook and pin



USL

Manual pin clamps





Complete range

Pivot Units

ATEX 
Certified products
Available on request



Power Pivots

UAGP_B

Power pivots - **WITH BRAKE**



110 Nm

SMALL SIZE

(60 - 110 - 170 Nm)



120 Nm

MEDIUM SIZE

(75 - 120 - 300 Nm)



350 Nm

LARGE SIZE

(210 - 350 - 600 Nm)

UAGP_W

Power pivots - **WITHOUT BRAKE**



110 Nm

SMALL SIZE

(60 - 110 - 170 Nm)



120 Nm

MEDIUM SIZE

(75 - 120 - 300 Nm)



350 Nm

LARGE SIZE

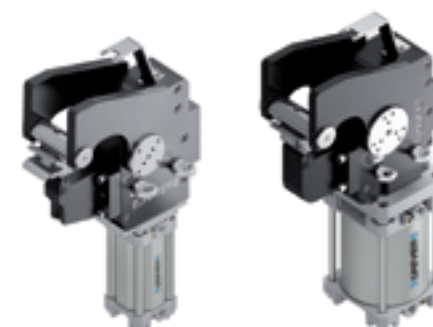
(210 - 350 - 600 Nm)



Marking Units

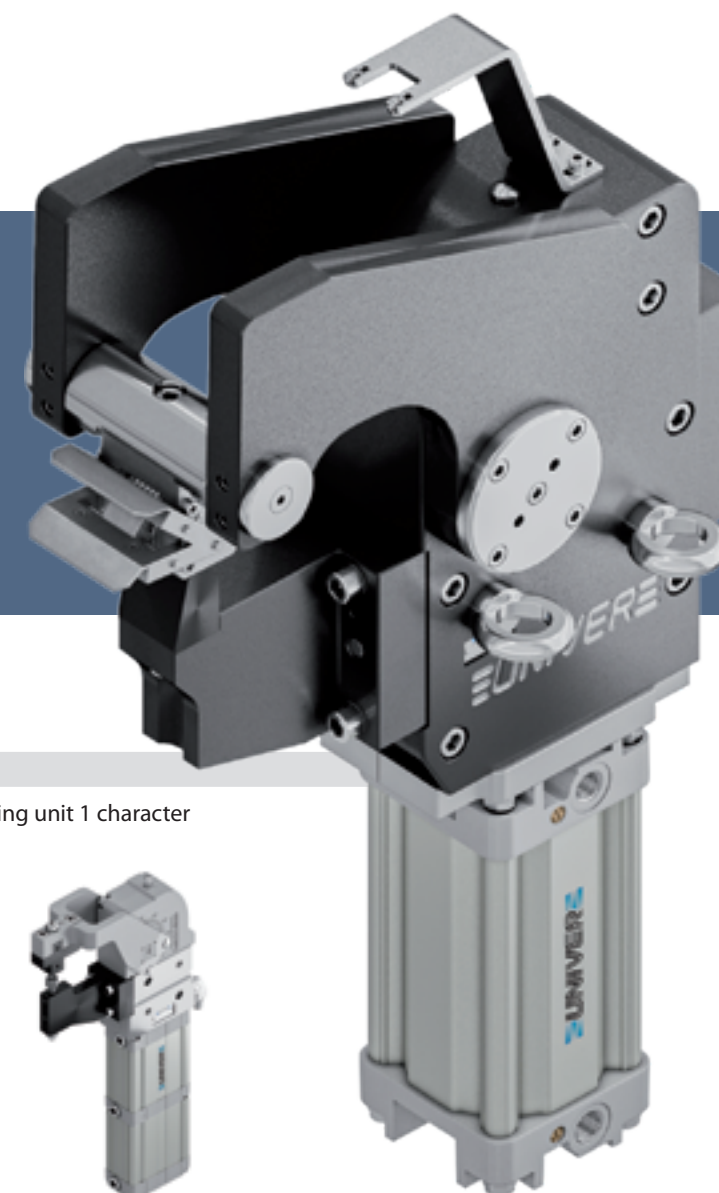
UPR

UNICLAMP Marking unit with marking head 5000 Nm/12000 Nm



UPD

UNICLAMP Marking unit 1 character 250 Nm/500 Nm





Complete range

Electric Units

ATEX
 Certified products
 Available on request



Electric units

LAE

Electric power clamps



LNE

Electric power clamps, fixing
 conforming to the N.A.A.M.S.
 Standard



LGE

Electric gripper units



LCE

Electric retractable locating
 pin units



UAEP

ePIVOT Electric Power Pivot



CUSTOMER ORIENTED DESIGN

100% UNIVER
 Plug-n-Play



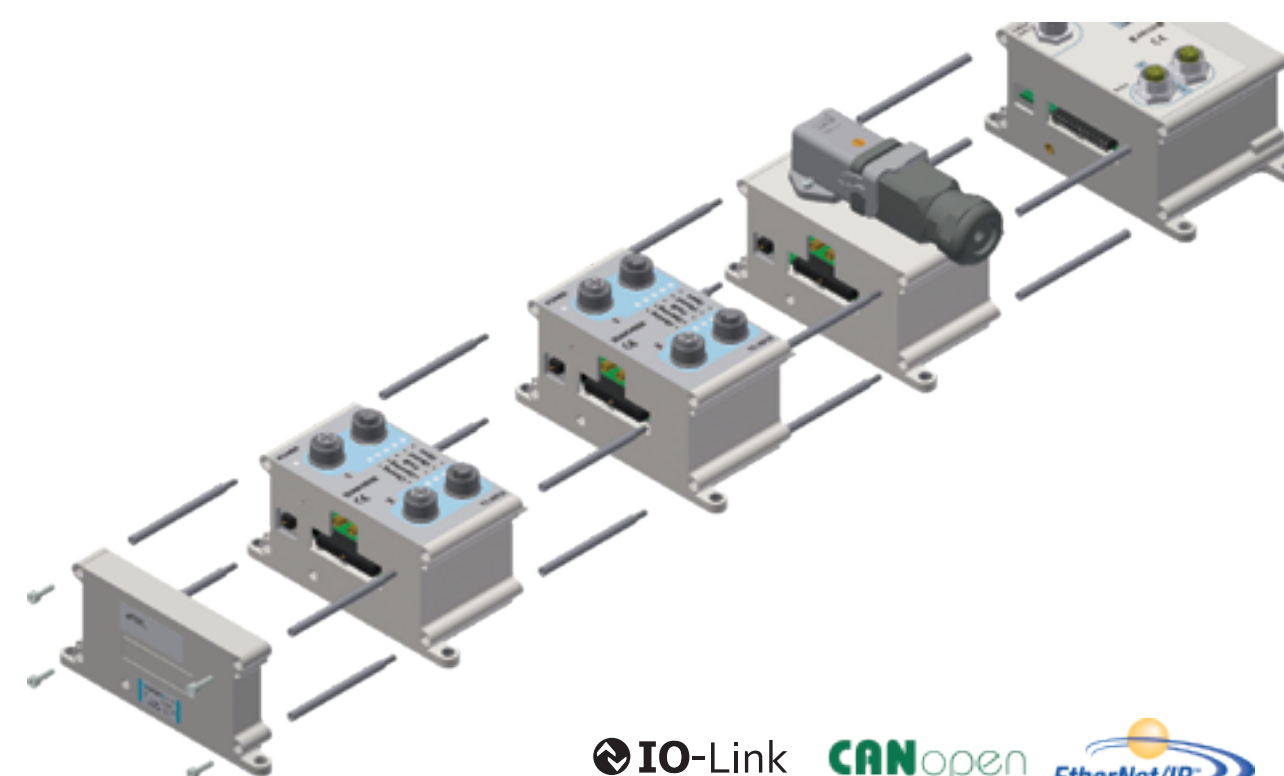
CUSTOMER-SELECTED
 MOTOR



MOTORLESS



ePIVOT
 electric power



IO-Link

CANopen

EtherNet/IP

PROFI BUS

PROFI NET

EtherCAT

TC-E

Modular Control System for Electric Clamping Units



**SERIAL
 COMMUNICATION
 SYSTEM**



ELECTRIC UNIT DRIVER
 Control module for 2 clamping units
 Max 8 electric devices



POWER UNIT
 EFFICIENT power management



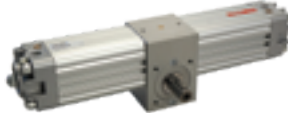
FLEXIBLE
 Compatible with I/O modules
 and valve manifolds



Complete range

Pneumatic Automation for Automotive

ATEX 
Certified products
Available on request

K	KD	RM	JLES/JLEV	R	S1	J	RT	L1-N
ISO 15552 Pneumatic Cylinders	Ø 32 ÷ 125 mm ISO 15552 Pneumatic Cylinders HEAVY SERIES TUBE	Ø 16 ÷ 100 mm - ISO 21287 Compact Cylinders	Guided Compact Cylinders Bearings (JLES) Ball bushing (JLEV)	Ø 32 ÷ 125 mm Pneumatic Rotary Actuators	Ø 16 ÷ 50 mm Rodless Cylinders Standard version	Slide Units for pneumatic cylinders	Ø 25 ÷ 63 mm 2/3 stage Telescopic Pneumatic Cylinders	Locking unit for cylinders and piston rods
								



Valves



BE	BE12	BD 18 mm	BD 26 mm
ISO 5599/1 Valves size 1-2-3-4	ISO 5599/1 Valves size 1-2-3-4	ISO 15407 -1/2 Valves	ISO 15407 -1/2 Valves
			
AC	AG	P15	TC
Mixed Valves G1/8-G1/4-G1/2	Poppet Valves for vacuum G1/8 ÷ G1 1/2	15 mm COMPACT Valves	Serial Communication Systems
			

 **IO-Link**

 **CANopen**

 **PROFINET**

 **PROFIBUS**

 **DeviceNet**

 **EtherCAT**

 **EtherNet/IP**



Complete range

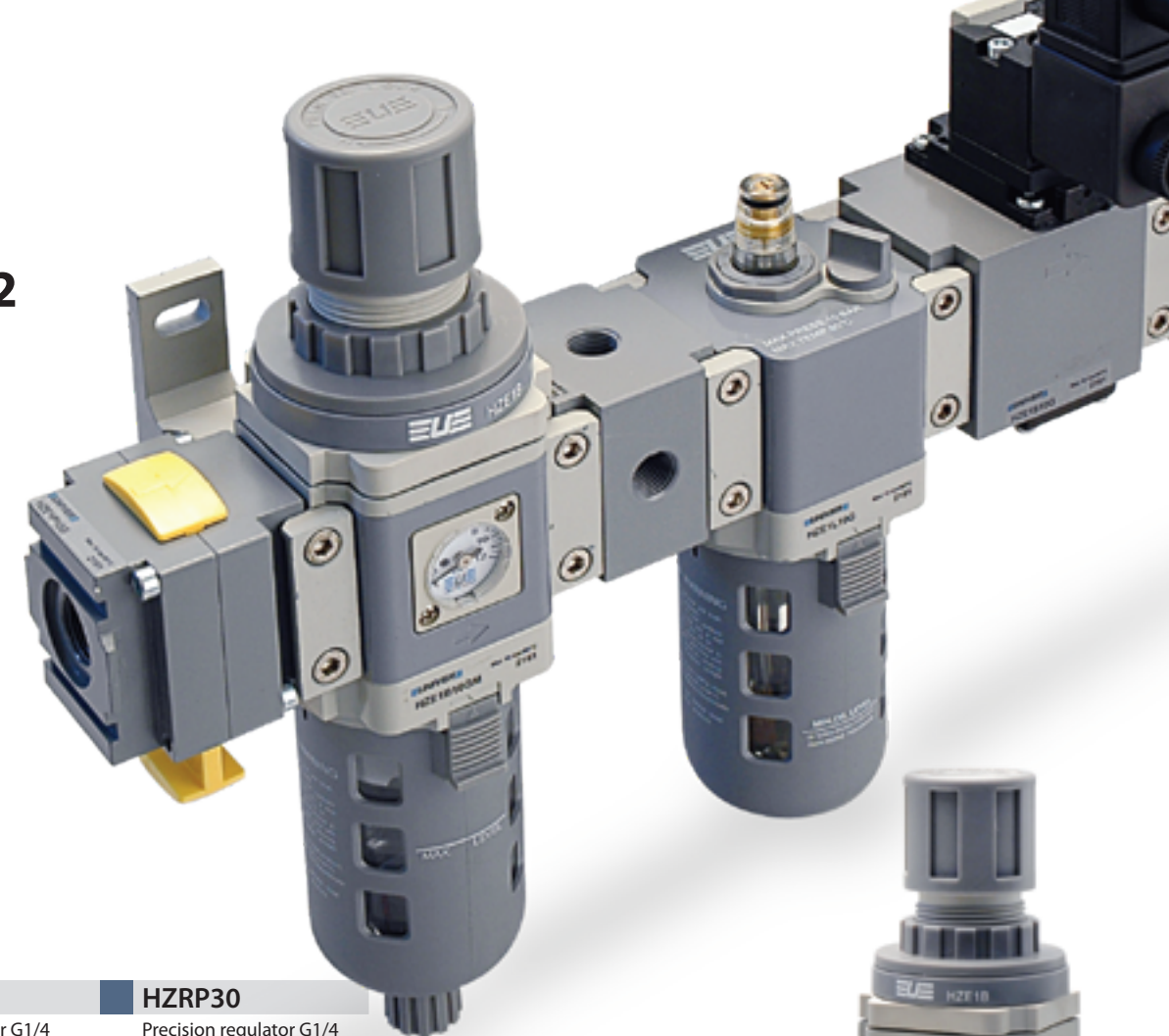
Pneumatic Automation for Automotive

Air Treatment

- | | | | | | | | |
|-----------------|----------------|----------------|----------------|--------------------|---|---------------------|--------------------------|
| HZE-Y | HZE-N | HZE-P | HZE-S | HZE-RL | HZRE3 | HZRS | HZRP30 |
| Gradual starter | Diverter block | Lockable valve | Shut-off valve | Lockable regulator | Electropneumatic proportional regulators G1/8 - G1/4 - G1/2 | Mini regulator G1/4 | Precision regulator G1/4 |



HZE
Size **0 - 05 - 1 - 2**
G1/4 ÷ G1/2



Accessories

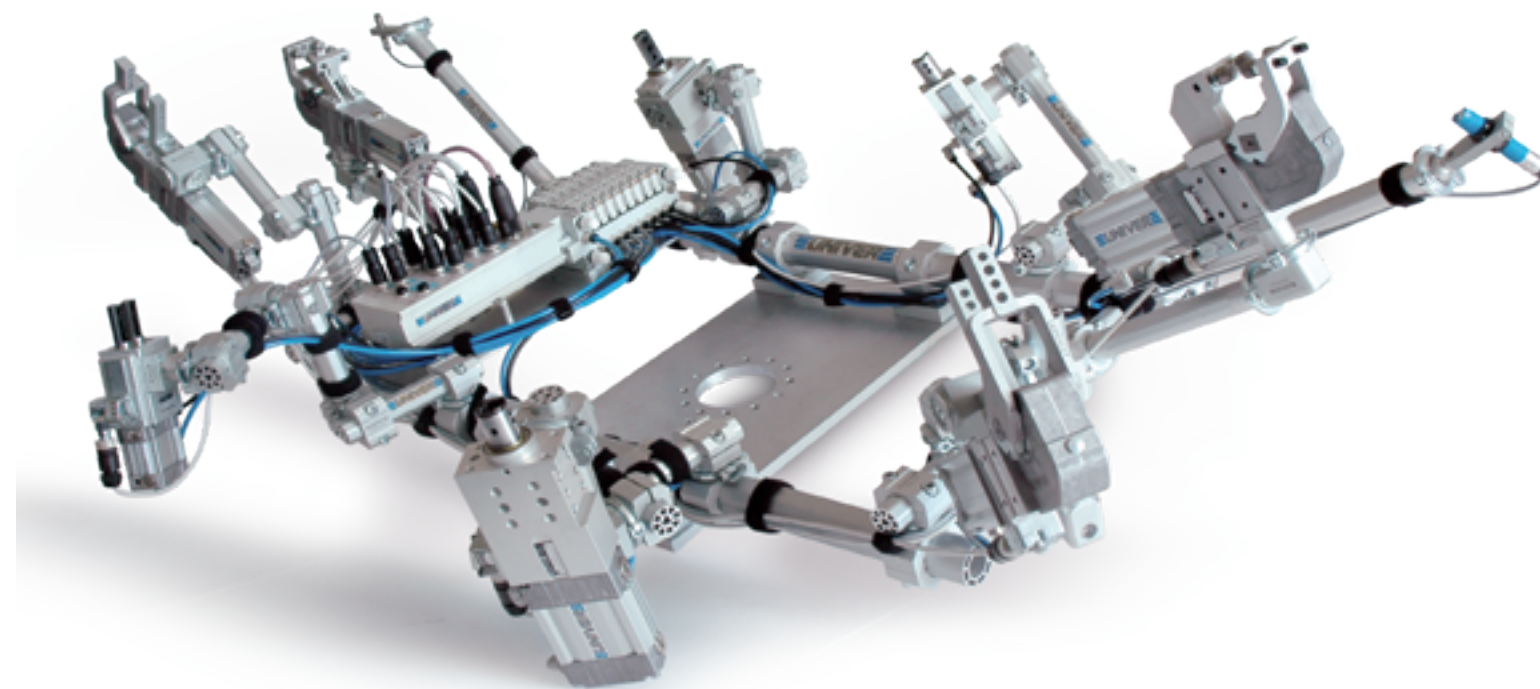
- | | | | | | |
|--------------------------------------|--------------------------------|------------------------------------|---|----------------|----------------------|
| HB | HA | HGU | HC | AM-55 | AM-53 |
| Nickel-plated Brass Push-in Fittings | Technopolymer Push-in Fittings | Quick Couplings for Compressed Air | Fittings and Accessories with pneumatic functions | Blocking valve | Economizer G1/8 ÷ G1 |





GR8

Modular Tooling System



KIT

Considerable **reduction** of **mounting elements**

HIGH PRECISION

High level of positional repeatability; low deflection

MODULAR COMPONENTS

Considerable reduction of mounting components

QUICK INSTALLATION AND SET UP

No welding or doweling required,
easily replaceable components

FULLY ADJUSTABLE

Unlimited orientation in space and free configuration

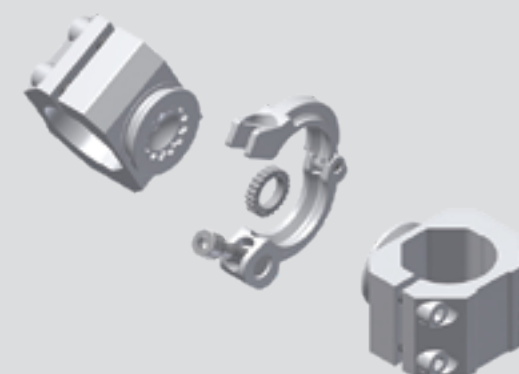
Ø 30 - 45 - 70 mm booms

Maximum stiffness and minimum weight



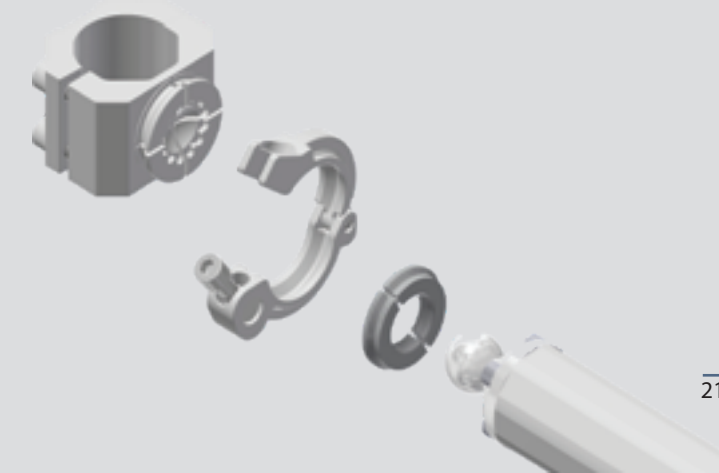
Locking ring

Precise and efficient system to guarantee
a high level of positional accuracy



Ball mounting

Unlimited swivel rotation





GR8

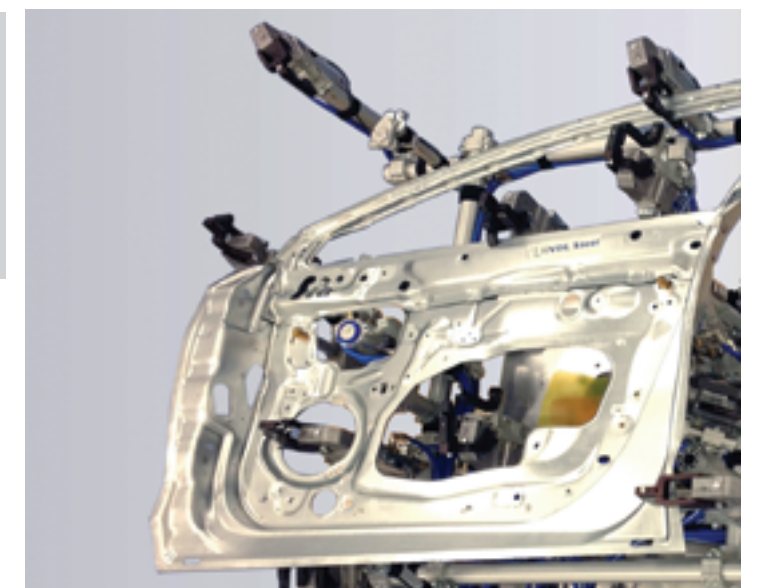
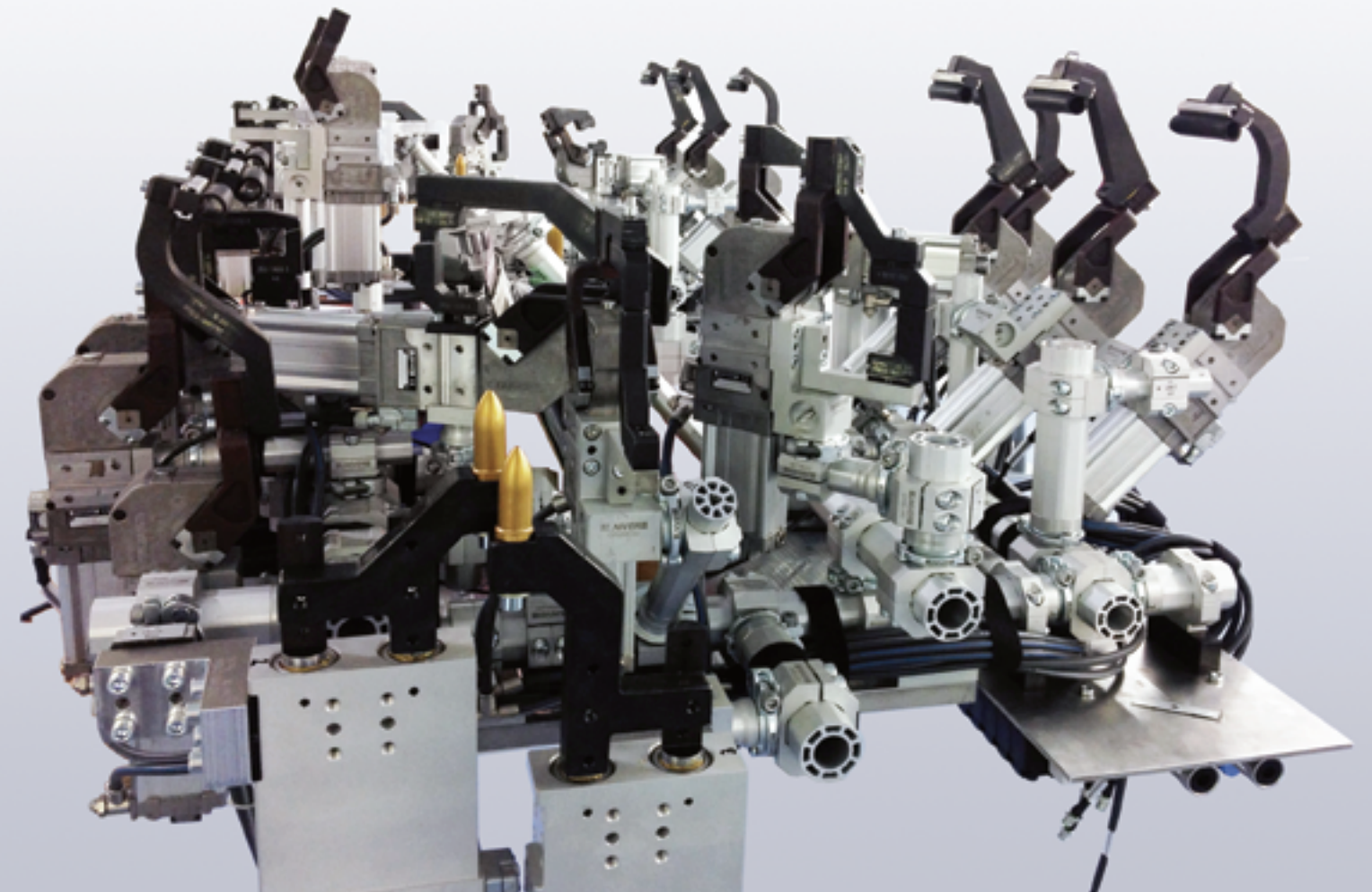
End Effectors



Applications and details

Unlimited and complex configurations
Weight-optimized standard components and brackets
Quick installation and adjustment

Complete Solution with UNIVER Components





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