

# 30

YEARS

# AUTOMOTIVE DIVISION



Car Manufacturers which use our Clamps



A **single supplier**  
with **a complete**

**Pneumatic Components**  
for **Automation**



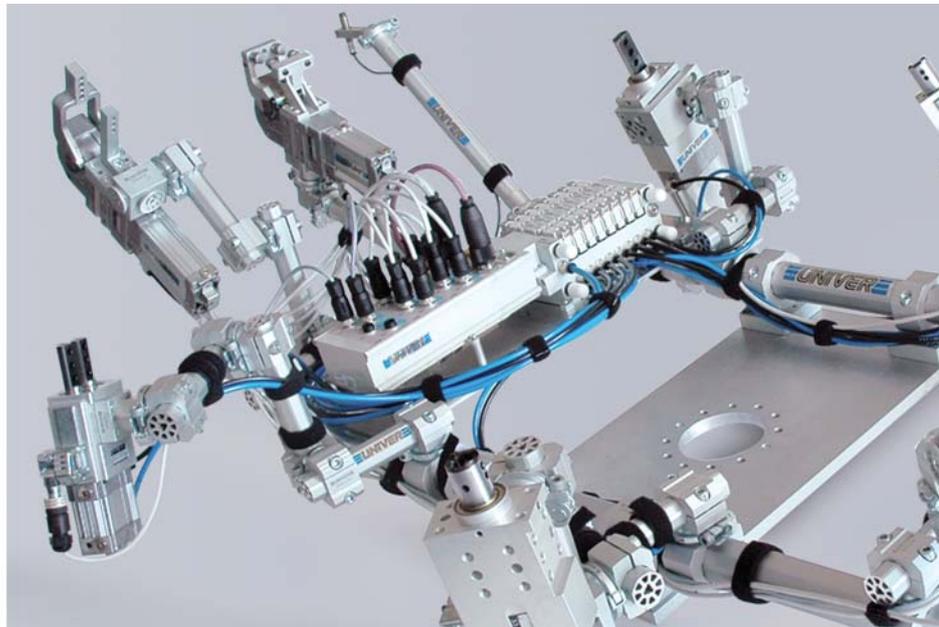
**Clamping**  
for **Autom**



# product range for

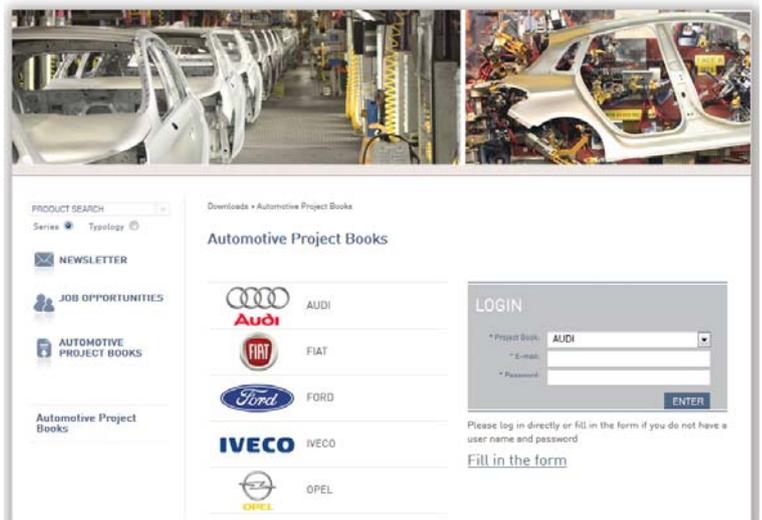
**Technology  
otive**

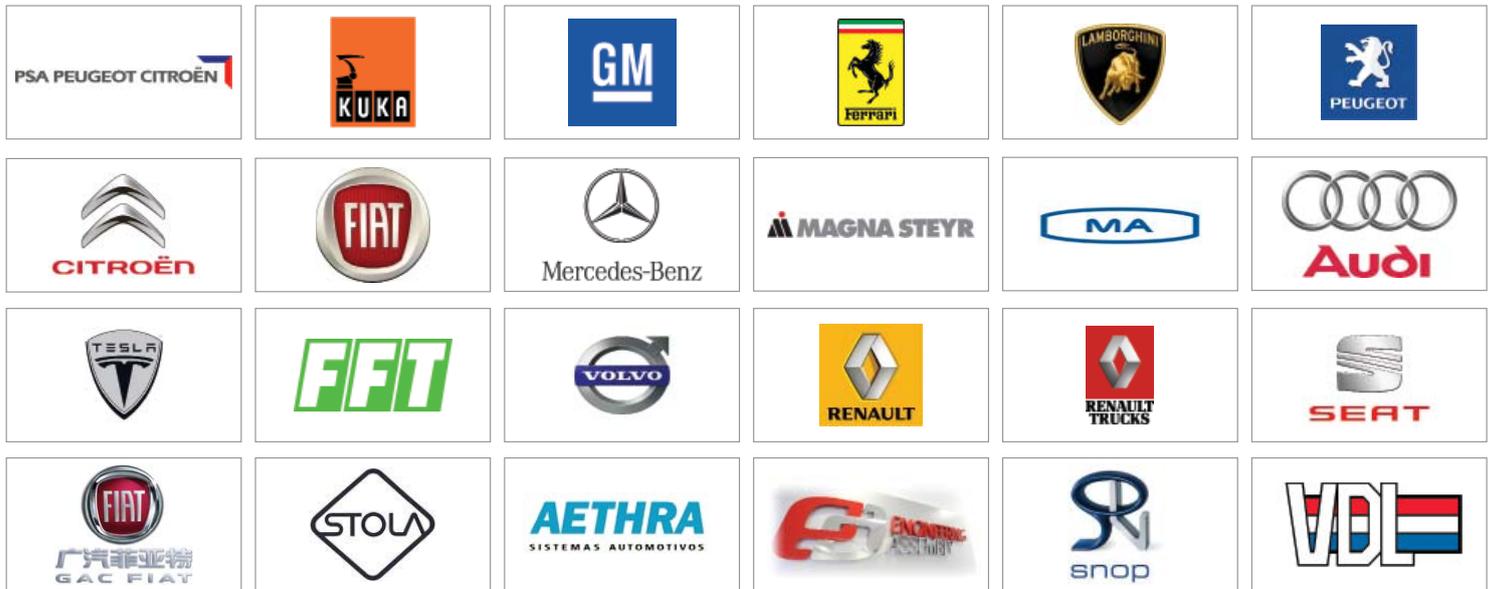
**GR8**  
Modular Tooling System





# Our customers





**Online Project Books**  
[www.univer-group.com](http://www.univer-group.com)



# Complete range

## Clamping Technology



# Pneumatic Power

### ■ UBP

UNIVERSAL Pneumatic power clamp



### ■ UBH

UNIVERSAL Pneumatic power clamp



### ■ UBM

UNIVERSAL Pneumatic power clamp with handlever

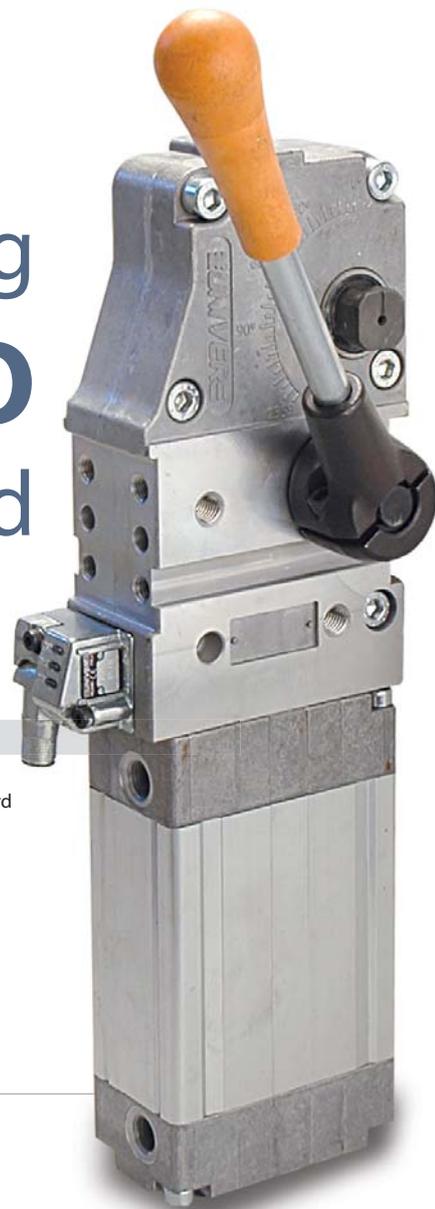


### ■ IBM

Pneumatic power clamp with handlever interchangeable with sizes 50/63 mm



# Clamps conforming to the **NAAMS/CNOMO** standard



## ■ UNP

Pneumatic power clamps conforming to the N.A.A.M.S. Standard



## ■ UNM

Pneumatic power clamps with handlever conforming to the N.A.A.M.S. Standard



## ■ DMS

Pneumatic power clamps conforming to the CNOMO Standard



# Clamps

## ■ IBP

Pneumatic power clamp interchangeable with sizes 50/63 mm



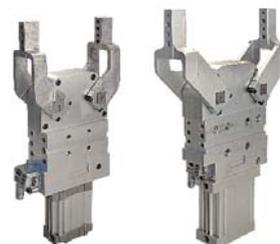
## ■ UBS

Safety pneumatic power clamp



## ■ UDP

Pneumatic power clamp with 2 arms



## ■ UBQ

Pneumatic power clamp with handlever



## ■ UBT

Pneumatic power clamp with central handlever



## ■ UFL - UHL

Manual power clamps





# Complete range

## Pin Packages



### ■ LCX

Pneumatic retractable locating pin unit with two rods and handle/lever and toggle-joint mechanism



# Retractable locating single and double rod

### ■ LCP

Pneumatic retractable locating pin unit with single rod



### ■ LCG

Pneumatic retractable locating pin unit with single rod



# Pneumatic retractable locating pin units with handlever



- **LCM**

Pneumatic retractable locating pin unit with handlever


- **LCL**

Manual retractable locating pin unit


- **LCO**

Pneumatic retractable locating pin unit with two rods and handlever


- **LCY**

Pneumatic retractable locating pin unit with handlever and toggle-joint mechanism



## pin units

- **LCZ**

Pneumatic retractable locating pin unit with single rod and toggle-joint mechanism


- **LCJ**

Pneumatic retractable locating pin unit, with improved pull force


- **LCA**

Pneumatic retractable locating pin unit with double rod


- **LCT**

Pneumatic retractable locating pin unit with double rod and toggle-joint mechanism



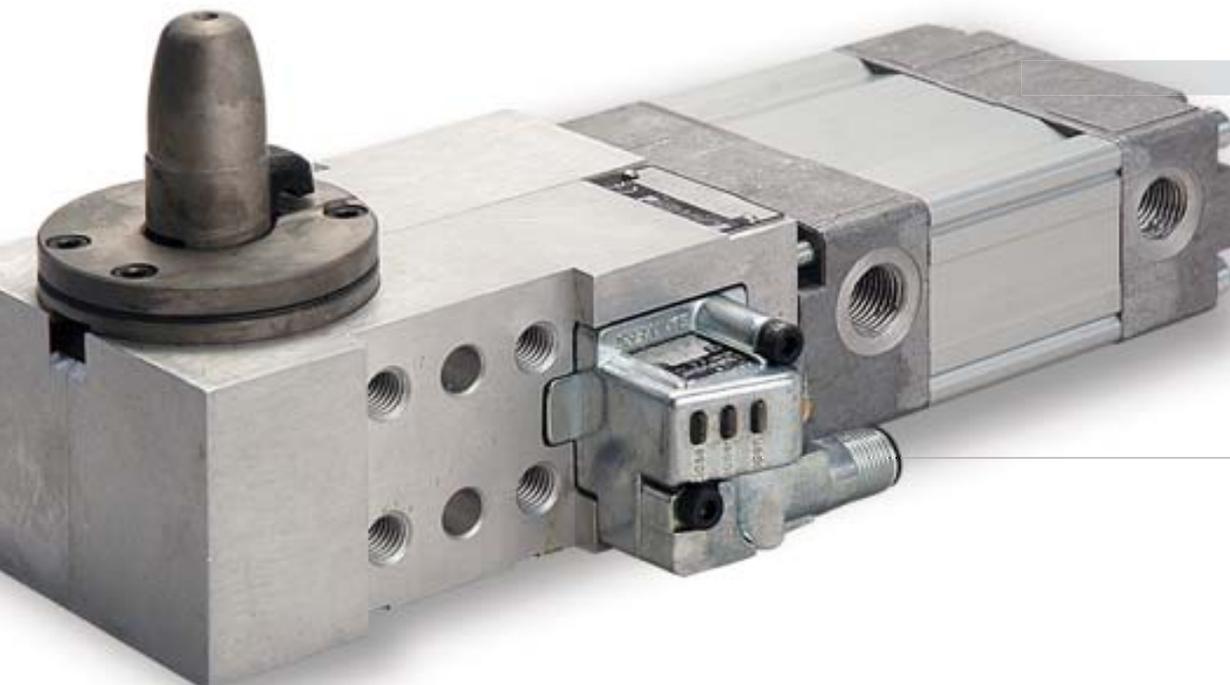


# Complete range

Pin Clamps



## Pneumatic pin clamps



■ LSP

Pneumatic pin clamp



# Gripper Units



## ■ UGP

Pneumatic gripper unit



## ■ UGM

Pneumatic gripper unit with handlever



## ■ LGP

Pneumatic gripper



**NEW**

**PATENTS PENDING**

## ■ LSP50U

Pneumatic pin clamp- horizontal shape



## ■ LTP

Pneumatic pin clamp with vanishing hook



## ■ LUP

Pneumatic pin clamp with vanishing hook and pin



## ■ LSL

Manual pin clamp





# Complete range

Pivot Units



## Power Pivots

### LAGP

Pneumatic power pivots



LAGP063

LAGP075

LAGP080

LAGP120

LAGP150



# Marking Units

## ■ PRP

Pneumatic marking unit

**NEW**



**LAGP170**



**LAGP210**



**LAGP300**



**LAGP350**



**LAGP600-605**



**DMA200**



# Complete range

## Electric Units

### LAGE

Electric power pivots



# Electric units

### LAE

Electric power clamps

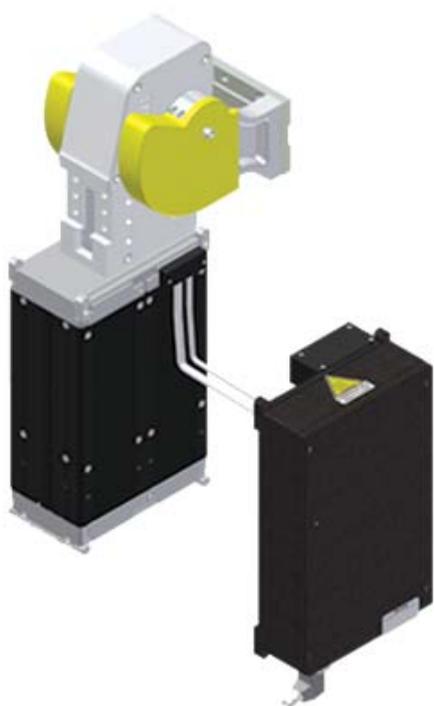
### LNE

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

### LGE

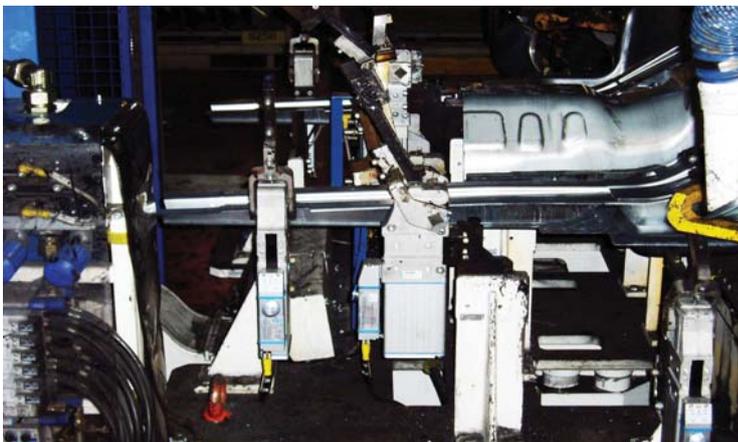
Electric gripper unit





■ LCE

Electric retractable locating pin unit





# Complete range

Pneumatic Automation for Automotive

■ K

ISO 15552  
Pneumatic Cylinders



■ KD

Ø 32 ÷ 125 mm ISO 15552  
Pneumatic Cylinders  
HEAVY SERIES TUBE



■ RM

Ø 16 ÷ 100 mm - ISO 21287  
Compact Cylinders



■ JL

Guided Compact  
Cylinders



# Valves



■ BE

ISO 5599/1 Valves size 1-2-3-4

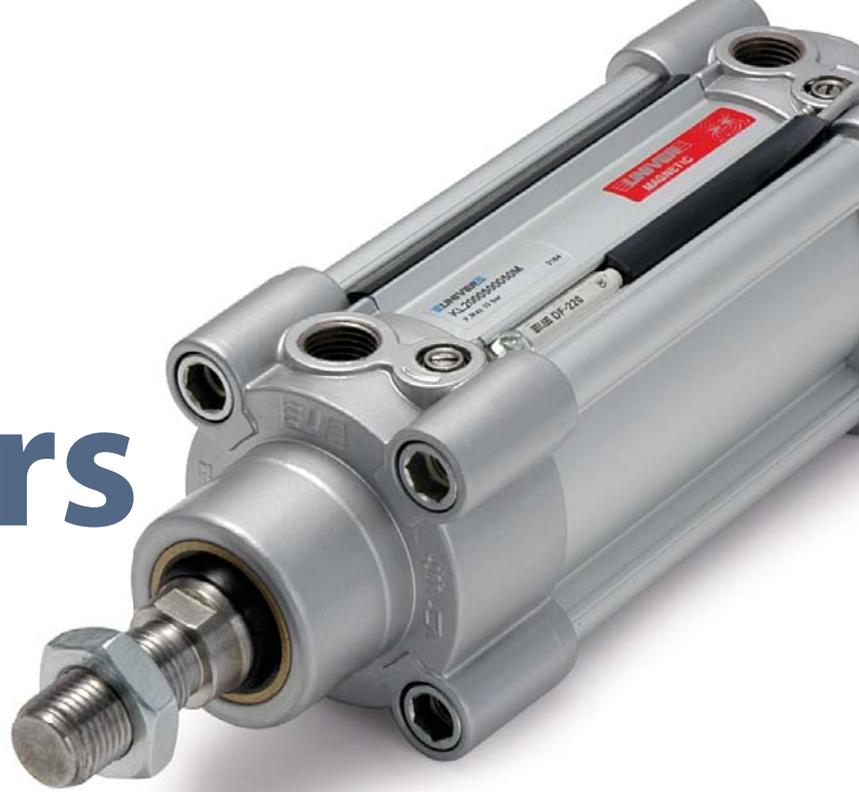


■ AC

Mixed Valves G1/8-G1/4-G1/2



# Cylinders



## R

Ø 32 ÷ 125 mm  
Pneumatic Rotary Actuators



## S1

Ø 16 ÷ 50 mm  
Rodless Cylinders  
Standard version



## J

Slide Units  
for pneumatic cylinders



## RT

Ø 25 ÷ 63 mm  
2/3 stage  
Telescopic Pneumatic Cylinders



## L1-N

Locking unit for  
cylinders and piston rods



## BE12

ISO 5599/1 Valves size 1-2-3-4



## BD 18 mm

ISO 15407 -1/2 Valves



## BD 26 mm

ISO 15407 -1/2 Valves



## AG

Poppet Valves for vacuum  
G1/8 ÷ G1 1/2



## P15

15 mm COMPACT Valves



## TC

Serial Communication Systems



CANopen

PROFINET

PROFIBUS

DeviceNet

EtherCAT

EtherNet/IP



# Complete range

Pneumatic Automation for Automotive

## Air Treatment

- HZE-Y Gradual starter
- HZE-N Diverter block
- HZE-P Lockable valve
- HZE-S Shutt-off valve
- HZE-RL Lockable regulator



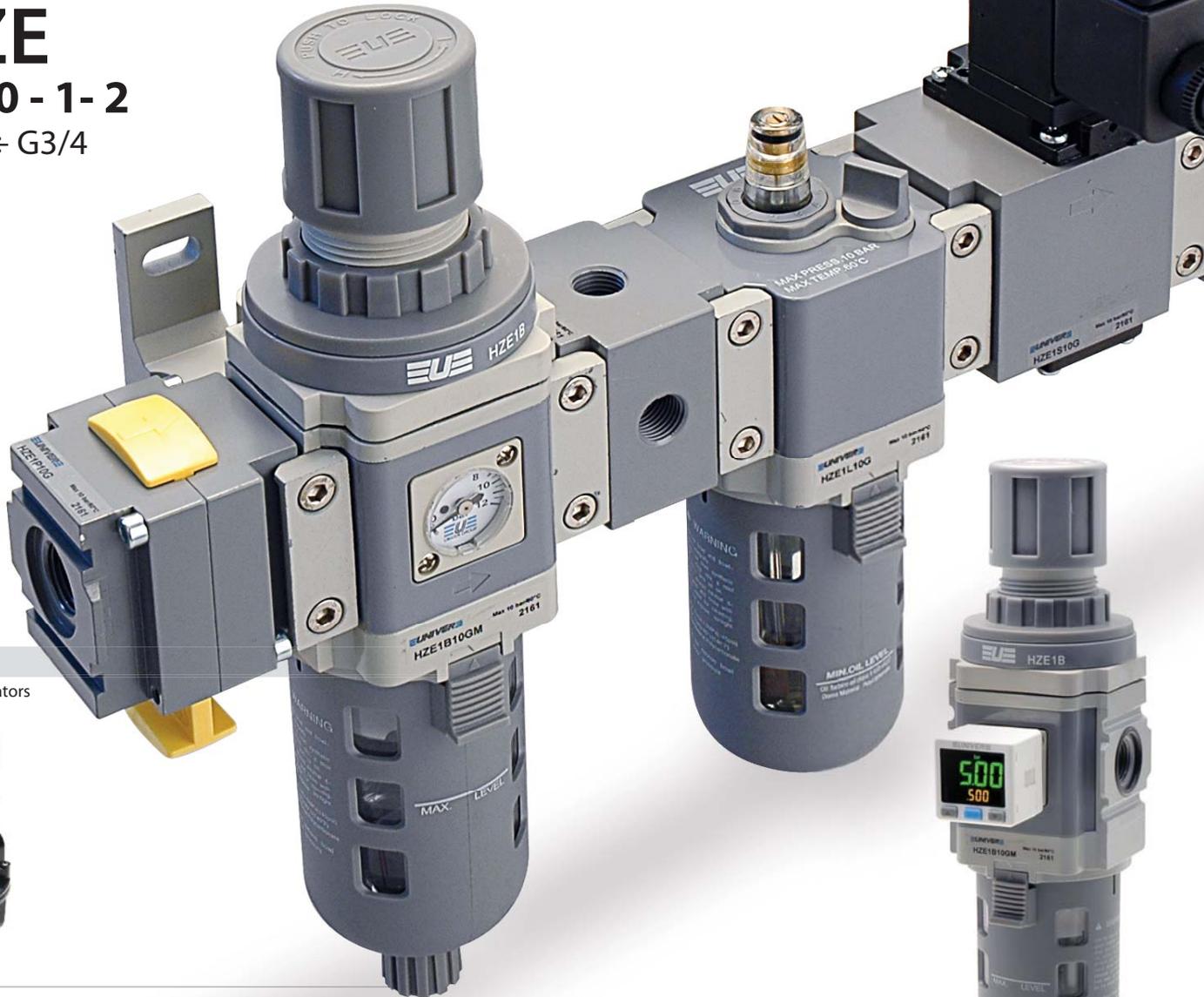
- HB Nickel-plated Brass Push-in Fittings
- HA Technopolymer Push-in Fittings



# HZE

Size 0 - 1 - 2

G1/4 ÷ G3/4



■ HZRP20  
Precision regulators



# Accessories

■ HGU

Quick Couplings for Compressed Air



■ HC

Fittings and Accessories with pneumatic functions



■ AM-55

Blocking valve



■ AM-53

Economizer G1/8 ÷ G1





# GR8

Modular Tooling System



## KIT

Considerable **reduction**

Ø 30 - 45 - 70 mm booms

Maximum stiffness and minimum weight

**PATENT  
PENDING**

30

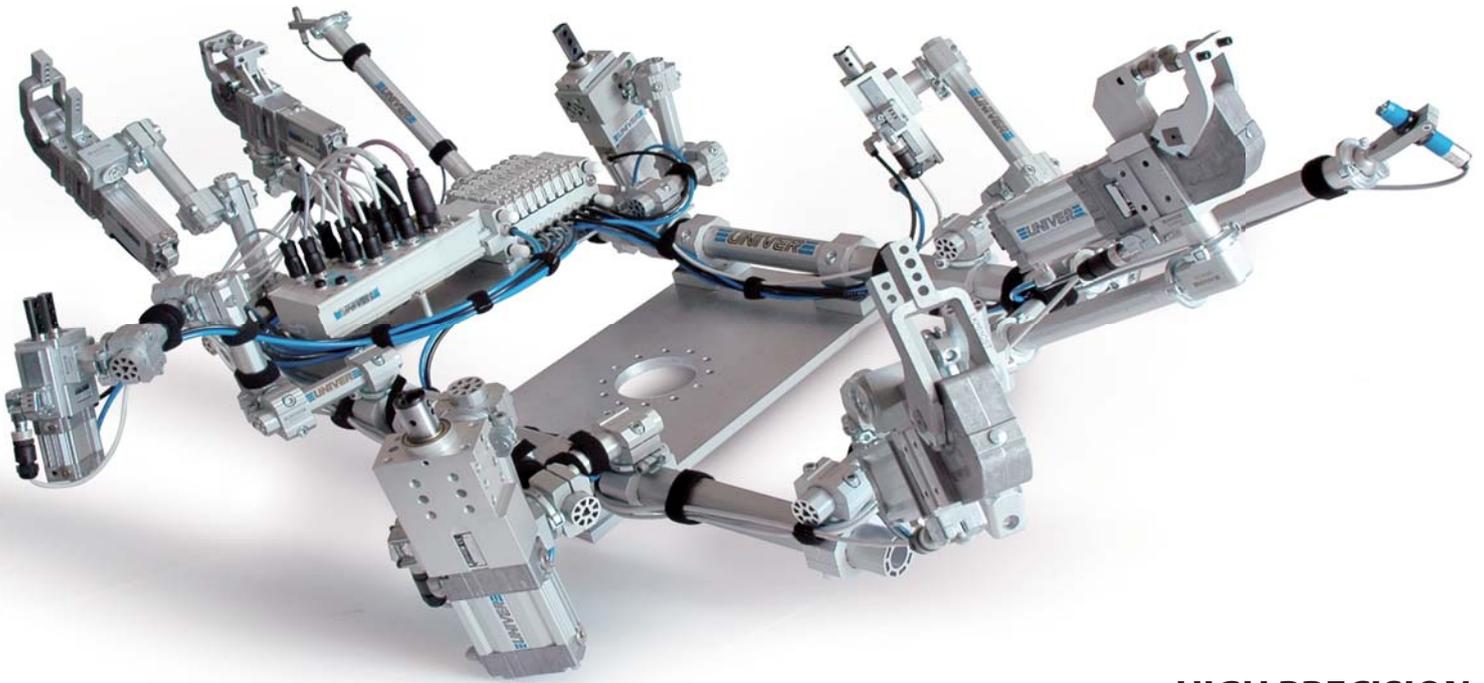


45



70





## 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

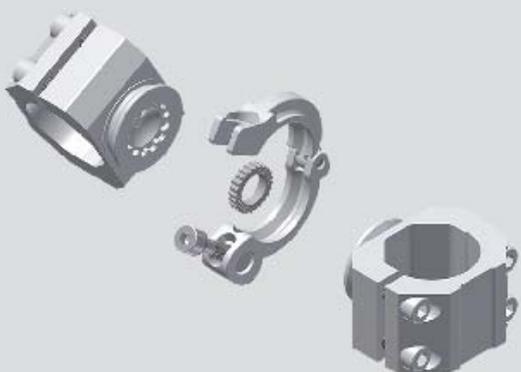
## FULLY ADJUSTABLE

Unlimited orientation in space and free configuration

# of mounting elements

### Locking ring

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



### Ball mounting

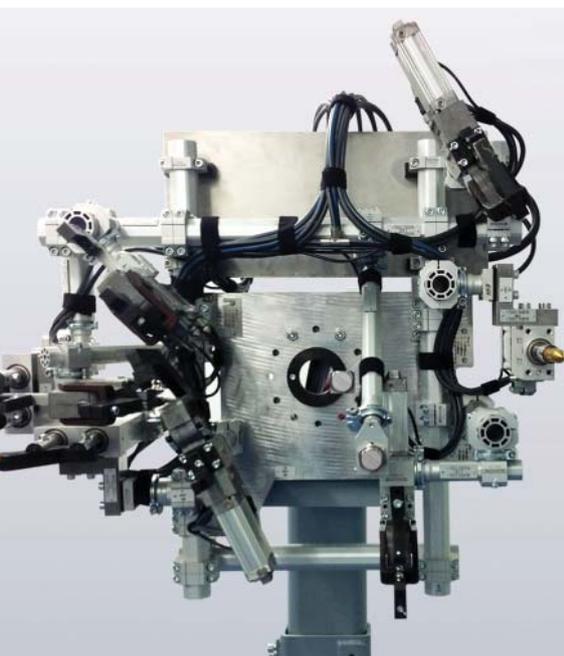
Unlimited swivel rotation





# GR8

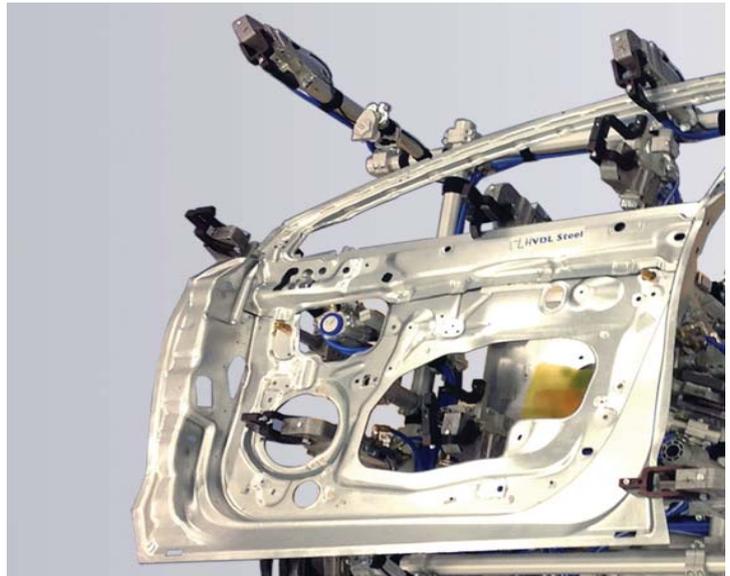
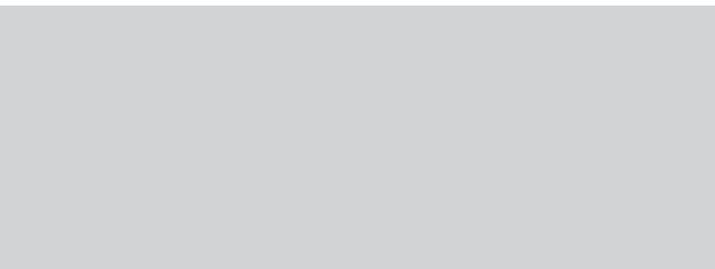
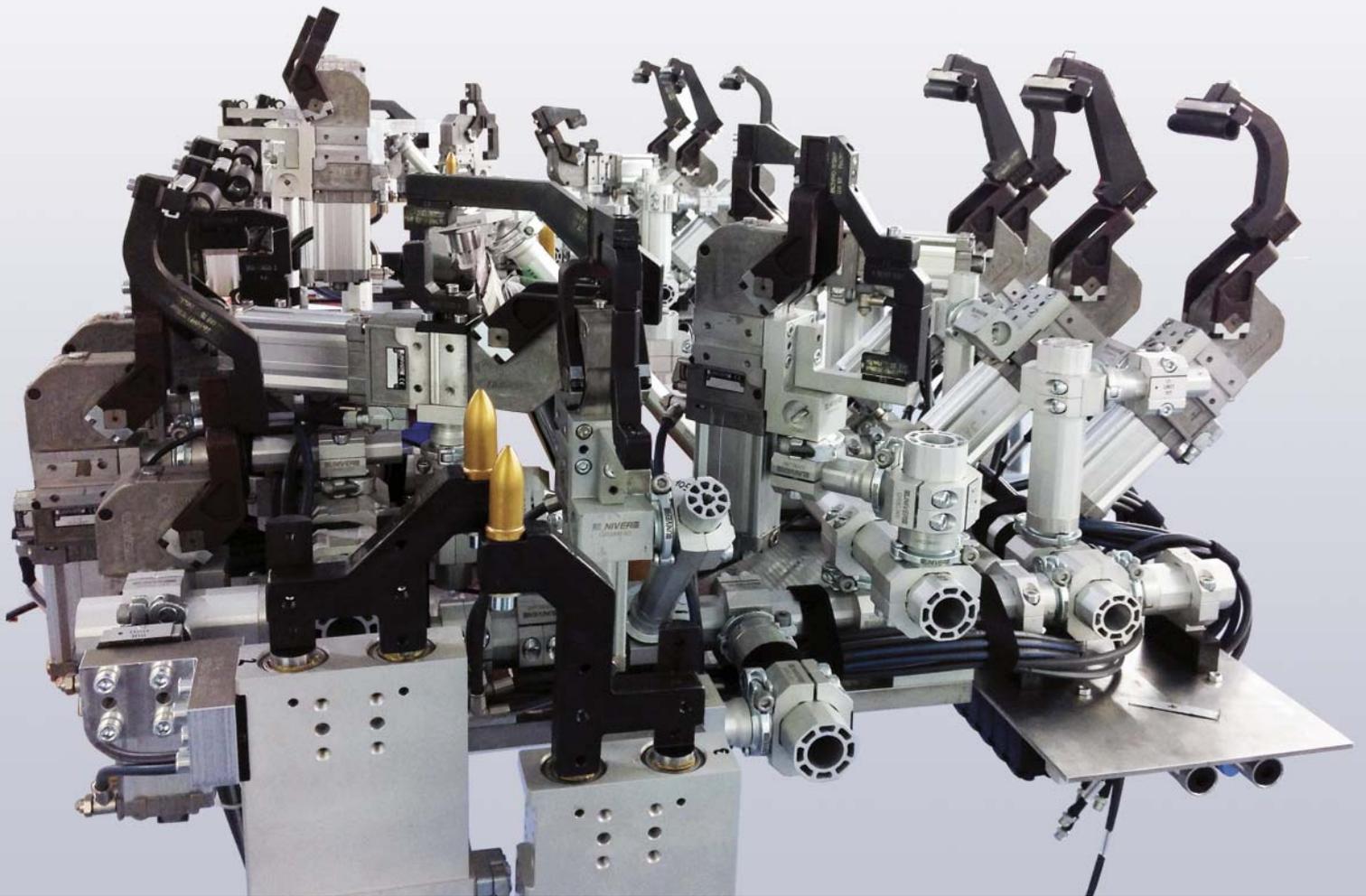
## End Effectors



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

Applications and details

# Complete Solution with UNIVER Components





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