

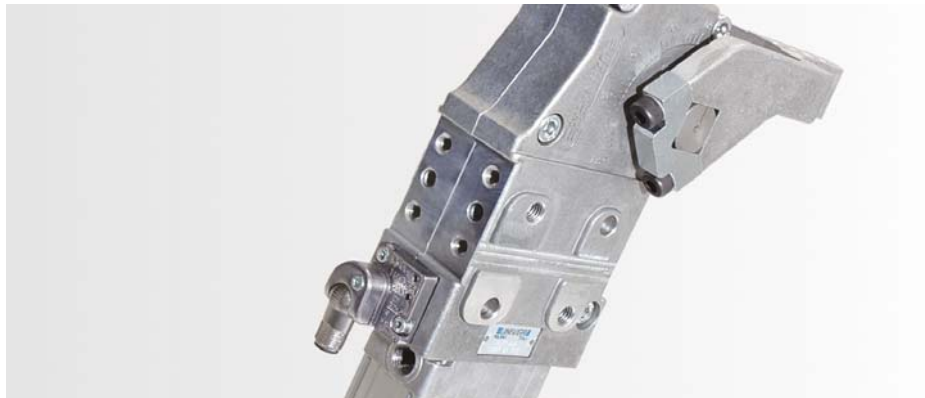
## PNEUMATIC AUTOMATION

CYLINDERS  
HIGH-TECH  
VALVES  
AIR TREATMENT  
ACCESSORIES



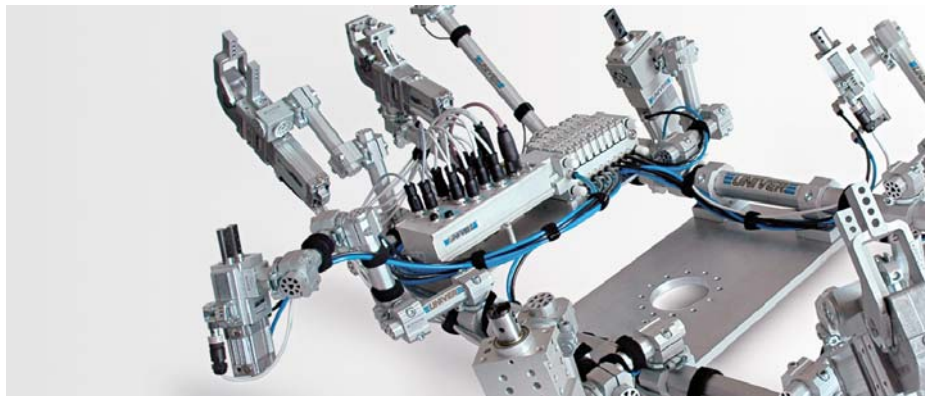
## AUTOMOTIVE

POWER CLAMPS  
PIN UNITS  
PIN CLAMPS  
GRIPPER UNITS  
POWER PIVOTS  
MARKING UNITS  
ELECTRIC UNITS



## MODULAR TOOLING SYSTEM

GR8 TOOLING





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In light of technical updates, **Univer S.p.A.** reserves the right to modify technical features of its products with no obligation to issue prior notice.

Information contained in the present catalogue is pure indication. For further details about product technical features and related parameter values to be respected for a proper functioning, please refer to the datasheets available at:  
[www.univer-group.com](http://www.univer-group.com)

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2

**Cylinders**



6

**High-Tech**



8

**Valves**



16

**Air Treatment**



20

**Accessories**



22

**Power clamps**



28

**GR8 Tooling**



## STANDARDS-BASED CYLINDERS

**M**

Microcylinders ISO 6432  
 $\varnothing$  8÷25 mm



**KL**

Pneumatic Cylinders ISO 15552  
 $\varnothing$  32÷125 mm  
**CLEAN PROFILE**



**KE/K**

Pneumatic Cylinders ISO 15552  
 $\varnothing$  32÷125 mm



## STANDARDS-BASED COMPACT CYLINDERS

**RP/RM**

UNITOP Compact Cylinders (RP  $\varnothing$  16÷63 mm),  
 ISO 21287 (RM  $\varnothing$  16÷100 mm)



**RO/RN**

UNITOP Compact Cylinders (RO  $\varnothing$  16÷63 mm),  
 ISO 21287 (RN  $\varnothing$  16÷63 mm)  
 Octagonal tube **NON-ROTATING**



## OVAL/SHORT STROKE/ROTARY CYLINDERS

**OV**

Oval cylinder  
 $\varnothing$  18÷80 mm



**W**

Short stroke cylinders  
 $\varnothing$  12÷100 mm  
**TUBE NEW DESIGN**



**R**

Pneumatic Rotary Actuators  
 $\varnothing$  32÷125 mm



## KD

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



## K

Pneumatic Cylinders ISO 15552  
Ø 160/200 - Ø 250/320 mm



## KL

### CLEAN PROFILE

Easier to clean

### QUICK INSTALLATION

Sensors and connections on one side

### UNIVER TECHNOLOGY

Strong and Reliable

### ISO 15552

Interchangeability



## RS

**STRONG Compact Cylinders**  
Ø 32÷100 mm



## RQ

**STRONG Compact Cylinders**  
Ø 32÷100 mm  
Octagonal tube **NON-ROTATING**



## YR3

Double Rack Rotary Table



**PK/PM**  
**Stainless Steel**  
Pneumatic Cylinders

**NEW**



## RODLESS CYLINDERS

**S1**

Rodless Cylinders standard version  
Ø 16÷50 mm



**S5**

Rodless Cylinders with integrated guides  
Ø 25÷50 mm - Technopolymer sliding guides



## GUIDED CYLINDERS

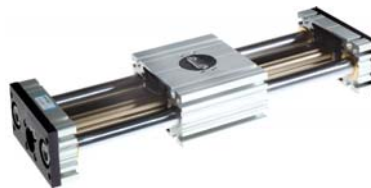
**J1**

Slide Units for pneumatic cylinders  
M, KE/K, KD series



**J3**

Slide Units for rodless cylinders  
S1 series



**J64RS**

Slide Units for STRONG compact cylinders  
RS series



**J65**

Slide Units for compact cylinders  
RP Ø25 series



**JLS/JLV**

Guided Compact Cylinders  
Bearings (JLS) - Ball bushing (JLV)



Version with metallic  
piston rod scraper  
(Upon request)



## ACCESSORIES

**MP**

Clamping cylinder



**YDA/YDR**

Hydraulic Shock Absorbers



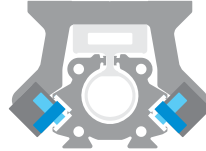
**DF/DH**

Magnetic and Electronic  
Proximity Sensors



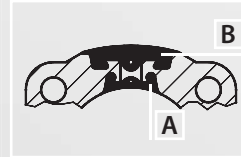
**VL1**

Rodless Cylinders with 90° integrated guides  
 Ø 25÷50 mm - Sliding on ball bearings



**S1/S5/VL1**

UNIVER Original since 1988



**A** - Internal strip (seal)  
**B** - External strip (protection)  
 made of reinforced elastomer  
 with Kevlar fiber

**J64RT2**

Slide Units for telescopic cylinders  
 RT2 series



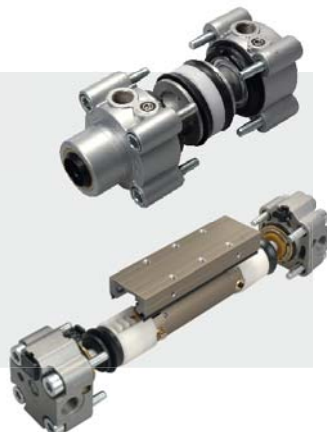
**JT/JX**

Guided Slides



**CYLINDER  
 ASSEMBLY KITS**

ISO 6432  
 ISO 15552  
 UNITOP/ISO 21287  
 STRONG  
 RODLESS CYLINDERS



# LOCKING UNITS

## L1-N

Locking units for cylinders and piston rods



**ORIGINAL**  
Locking system  
UNIVER Original since 1998

**STATIC/DYNAMIC**  
Static locking and dynamic braking in a single device

**POWERFUL**  
The highest locking force among market equivalent devices

**SAFE**  
No rod slipping even if affected by oil and grease

## L6

Locking Units for rodless cylinders S5 - VL1 series



# PROGRAMMABLE PNEUMATIC ACTUATORS

## NTZ

Pneumatic actuator with integrated digital measuring detector and safety locking device



## NQZ

Pneumatic actuator with digital measuring system



# PNEUMATIC GRIPPERS

## YMA10/YMP10

Angular and Parallel  
Pneumatic Gripper



## YMA20

Angular  
Pneumatic Gripper 180°



## YMP20

Parallel  
Pneumatic Gripper  
with Linear Guide



## YMP30

Low Profile Parallel  
Pneumatic Gripper  
with Linear Guide





## TELESCOPIC CYLINDERS

### RT

Telescopic cylinders  
2 stages (RT2 Ø 25÷63 mm) 3 stages (RT3 Ø 40÷63 mm)



Telescopic Cylinder  
**2 stages**

### NFZ

Pneumatic actuator with integrated safety locking device



### YMP40

Wide-type Parallel  
Pneumatic Gripper



### YMP50

Self-centering 3 Jaw  
Pneumatic Gripper



### RT

#### ORIGINAL

UNIVER Original design and technology

#### INDUSTRIALIZED

Industrialized components and  
advanced technology

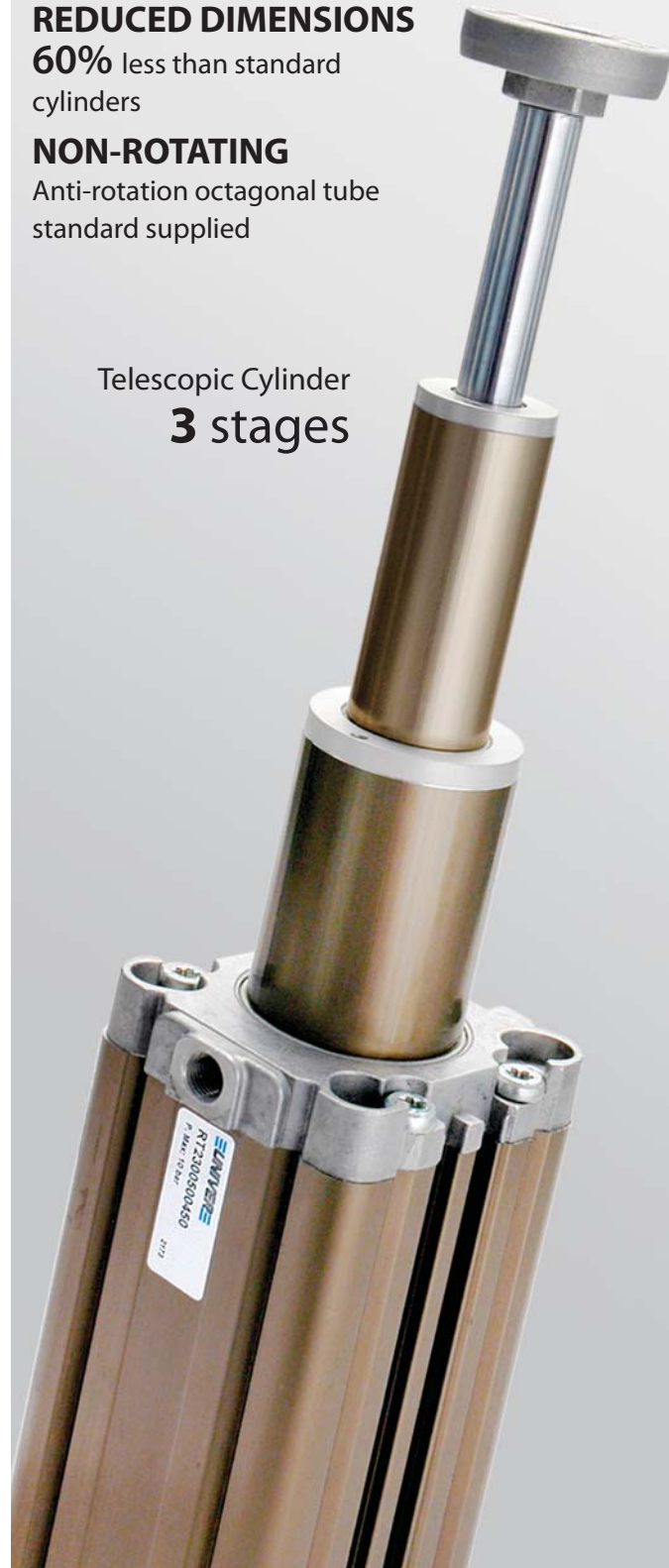
#### REDUCED DIMENSIONS

**60%** less than standard  
cylinders

#### NON-ROTATING

Anti-rotation octagonal tube  
standard supplied

Telescopic Cylinder  
**3 stages**



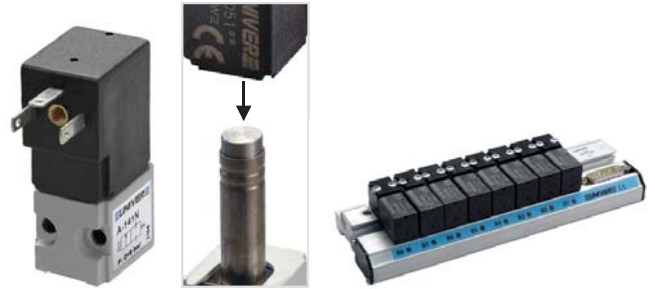
# ELECTROPILOTS

**B11 - B10 - B12**      **B**      **A**

ISO 15218 - 10 mm Nanovalves  
 B11 Standard  
 B10 Low consumption  
 B12 High flow rate

10 mm Nanovalves

ISO 15218 - 15 mm Microvalves

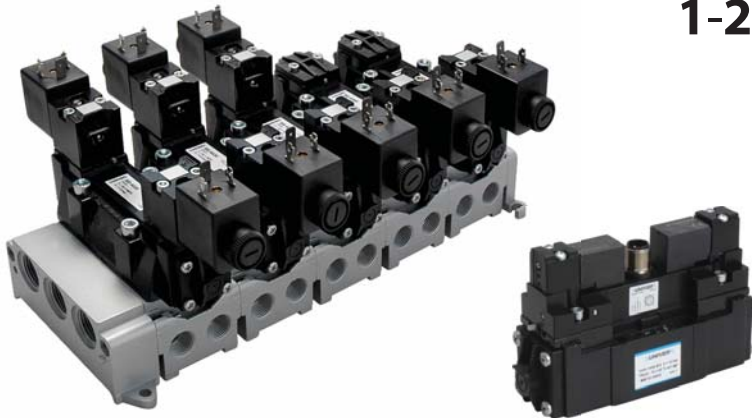


**NEW 0,5 W**  
 Low power consumption

# STANDARDS-BASED VALVES

**BE/BE12**

ISO 5599/1 Valves- Mixed and spool system



Size  
**1-2-3-4**

**MIXED AND SPOOL SYSTEM**

Versions with either mixed or spool system available for all series



**MIXED**  
 for heavy applications



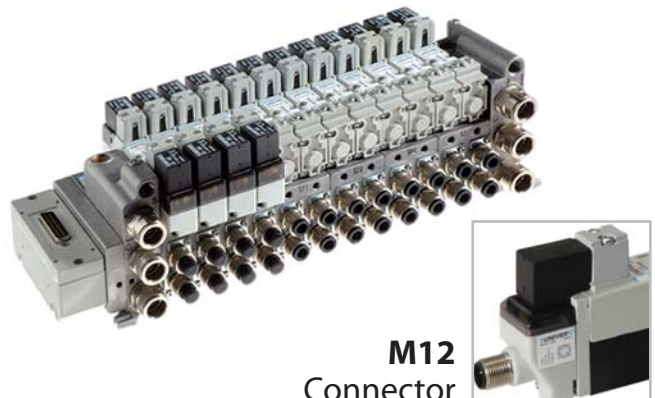
**SPOOL**  
 for all applications

M12

**AC-N**      **BD**

NAMUR Valves

ISO 15407-1/2 Valves



**M12**  
 Connector

**AA**

U1 Miniature Electropilots



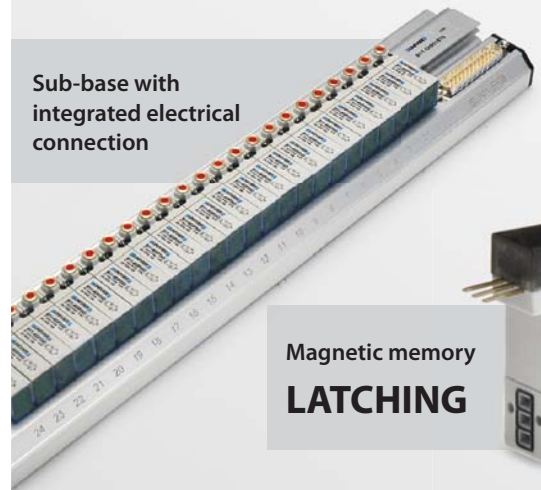
**AB**

U2 Miniature Electropilots



**CSA/UL Certification**  
 CSA C22.2 N.139-13  
 UL 429/2013

Sub-base with  
 integrated electrical  
 connection



Magnetic memory  
**LATCHING**



**AE**

ISO 5599/1 Light Series Valves



Size  
**1-2**

**ISO 15407-1/2 Valves**

**BDE**

Integrated electrical  
 connection  
 (ISO 15407/2)

**BDB**

M12 connector  
 (Automotive)

**BDA**

Single electrical  
 connection  
 (ISO 15407/1)



ISO  
**01-02**



18 mm (ISO 02)



26 mm (ISO 01)

# SPOOL VALVES

## CL/CM

UNIVERSAL Valves G1/8 - G1/4



## E/F

COMPA 2 (E series) COMPA 4 (F series)  
Miniature Valves



## G7

26 mm Valves and Solenoid Valves - G1/8



## G6

20 mm Valves and Solenoid Valves - Threaded body G1/8



# POPPET VALVES

## AF/AG

Poppet Valves for compressed air (AF)  
and for vacuum (AG) G1/8 ÷ G1 1/2



## CH

Poppet valves G1/8  
2/2 - 3/2



## AI/AI-JET

Miniature Limit Switches (AI)  
JET series Pneumatic Switches (AI-JET)  
Valves with panel operation (AI-JET2)



**PS**

COMBOBOX Valves



**AF/AG**

**WIDE RANGE**

G1/8 ÷ G1 1/2

2/2 - 3/2 NC-NO

**COMPRESSED AIR VERSION**

**VACUUM VERSION**

Available also with external pilot vacuum supply

**HIGH FLOW RATE**

Up to **35000 NI/min** (G1 1/2)

**GL6**

20 mm Valves and Solenoid Valves - For sub-base mounting



**AM**

Pneumatic and Solenoid  
Foot Valves



**AC**

MIXED Valves G1/8 - G1/4 - G1/2

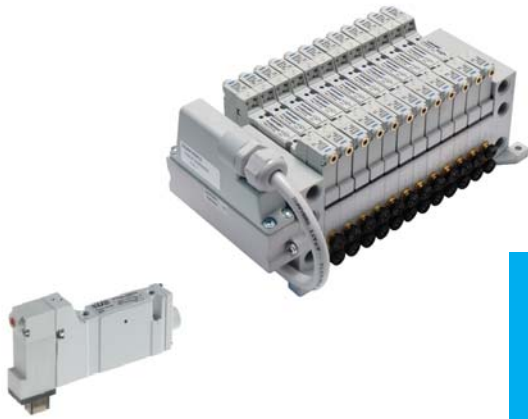


AG-3232

# COMPACT VALVES

**P10**

10 mm - COMPACT Valves - For sub-base mounting

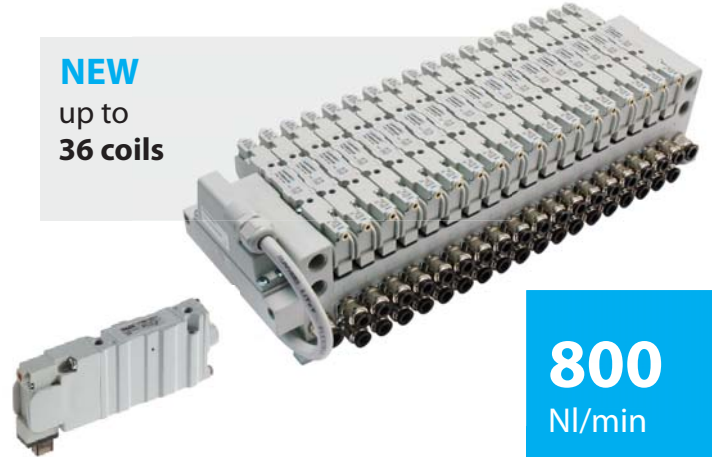


**310**  
NI/min

**P15**

15 mm - COMPACT Valves - For sub-base mounting

**NEW**  
up to  
**36 coils**



**800**  
NI/min

# SERIAL SYSTEMS

**TC**

Serial communication system



**Serial module**  
for all manifold models

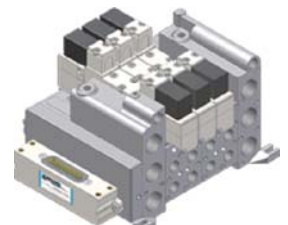
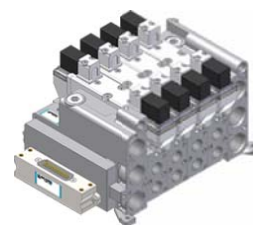
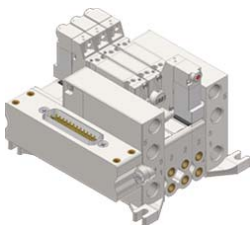
**P10**

**P15**

**P22**

**BD18**

**BD26**



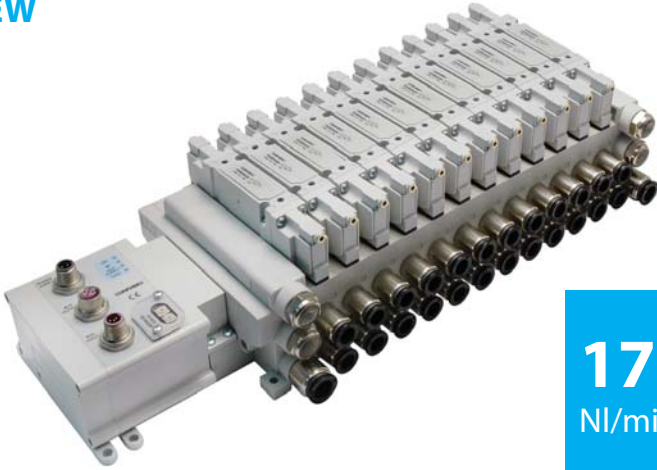
**ATEX**   
Certified products  
Available on request

# PNEUMATIC AUTOMATION

P22

22 mm - COMPACT Valves - For sub-base mounting

**NEW**



**1700**  
NI/min

**COMPACT** Valves

**P10/P15/P22**

**HIGH FLOW RATE**

UNIVER traditional spool technology

**COMPACT SIZE**

Highest reduction of overall dimensions

**EASY INSTALLATION**

All pneumatic connections on the same side

**COMPLETE SOLUTION**

**5/2 - 5/3 - 3/2+3/2**

**CANopen**

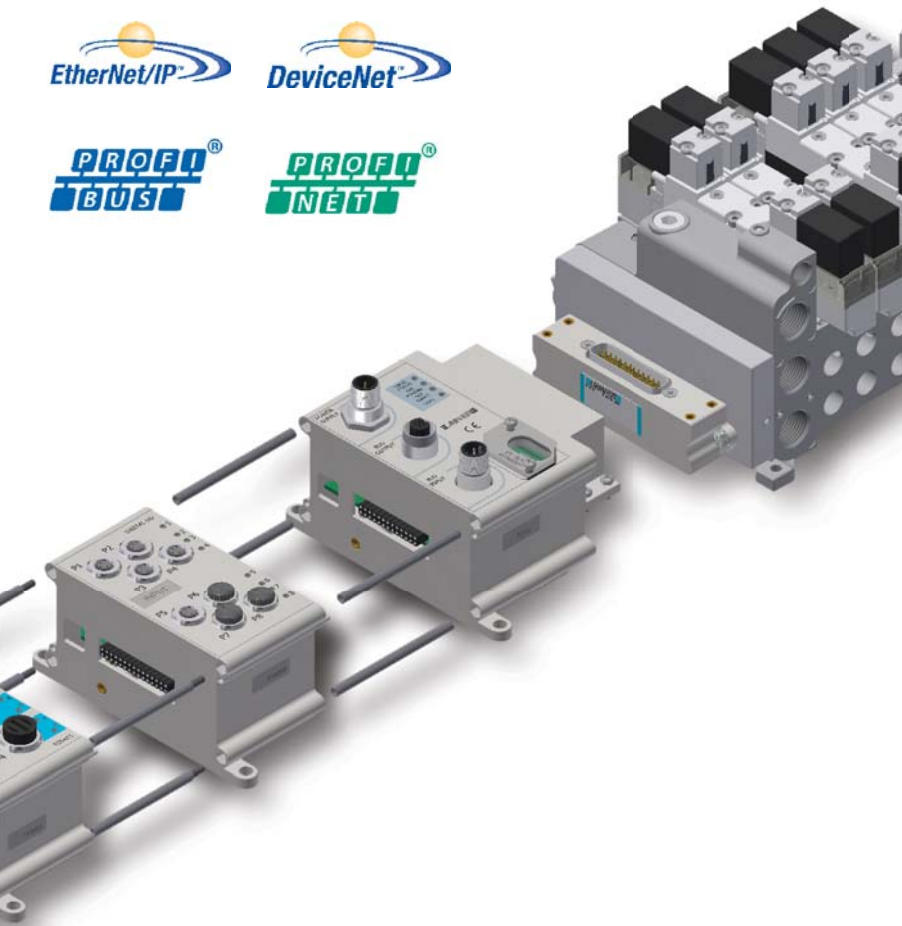
**EtherCAT**  
Technology Group

**EtherNet/IP**

**DeviceNet**

**PROFI  
BUS**

**PROFI  
NET**



# COMPACT VALVES

## P10F/P10B

10 mm COMPACT Valves - M5

External connector



In-line  
CONNECTOR

## P15F/P15B

15 mm COMPACT Valves - G1/8

External connector



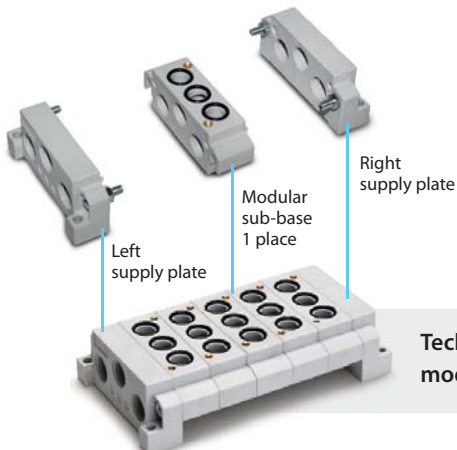
In-line  
CONNECTOR

# ESSENTIAL VALVES

## EL18

18 mm ESSENTIAL Valves - G1/8

**NEW**



## EL22

22 mm ESSENTIAL Valves - G1/4

**NEW**





**P15EF**

15 mm COMPACT Valves - G1/8



**P15EB**

15 mm COMPACT Valves  
 For sub-base mounting



**ESSENTIAL** Valves

**EL18/22**

**HIGH FLOW RATE**

800 NI/min (G1/8) 1700 NI/min (G1/4)

**REDUCED DIMENSIONS**

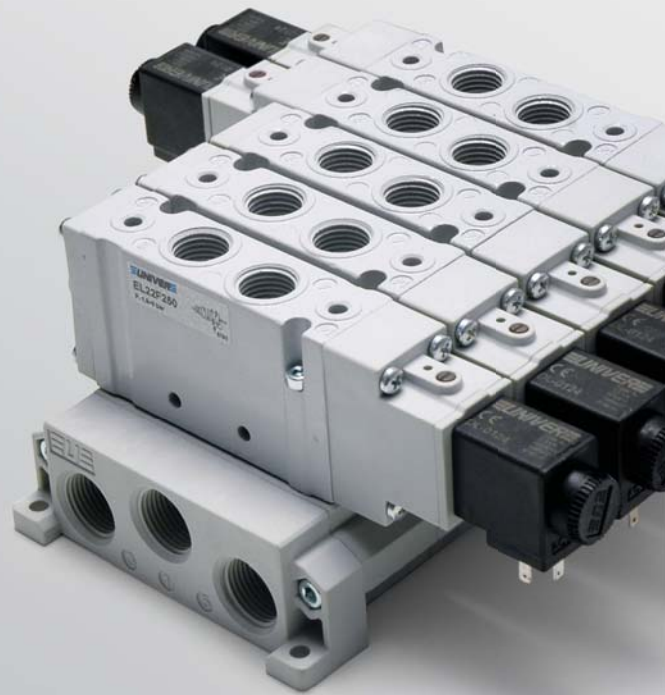
18 mm (G1/8) 22 mm (G1/4)

**COMPLETE SOLUTION**

Available versions 5/2 - 5/3 - 3/2+3/2

**STRONG**

Aluminium body



**INTERCHANGEABLE**

**U6 COIL**

12 - 24 V DC  
 24 - 110 - 220 V AC



**METALLIC MANUAL OVERRIDE**

**(standard supplied)**

Impulse and 1-2 positions



**SUB-BASE MOUNTING**

Easy installation by means  
 of 2 screws



**INDIVIDUAL MOUNTING**





Side holes on valve body







**UNIVER TRADITIONAL  
 SPOOL TECHNOLOGY**

The dynamic spool guarantees  
 long service life and reliability

# AIR TREATMENT UNITS

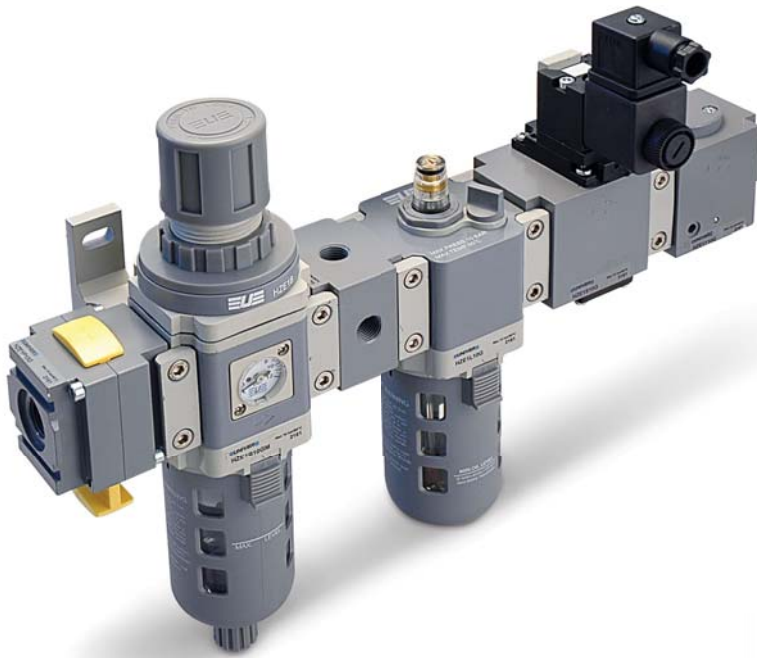
G1/4 Size 0	G1/4 - G3/8 Size 05 <b>NEW</b>	G3/8 - G1/2 Size 1	G1/2 Size 2
FR+L	FR+L	FR+L	FR+L
<b>600</b> NI/min	<b>1500</b> NI/min	<b>2800</b> NI/min	<b>4300</b> NI/min
			

HZE-F Filter size 0-05-1-2	HZE-R Regulator size 0-05-1-2	HZE-L Lubricator size 0-05-1-2	HZE-B Filter regulator size 0-05-1-2
			

HZE-Y Gradual starter size 0-05-1-2	HZE-N Diverter block size 0-05-1-2	HZE-P Lockable valve size 0-05-1-2	HZE-S Shut-off valve size 0-05-1-2
			

**ATEX**   
 Certified products  
 Available on request

# PNEUMATIC AUTOMATION



## HZE

### MODULAR

40 mm (HZE0) 50 mm (HZE05)  
 63 mm (HZE1) 80 mm (HZE2)

### INTEGRATED GAUGE

Standard supplied

### COMPLETE SOLUTION

Possibility of assembling combinations  
 complete with accessories

#### HZE-D

Filter regulator + Lubricator  
 size 0-05-1-2



#### HZE-C

Filter + Regulator + Lubricator  
 size 0-05-1-2



#### HZE05

Size 0 U05



#### HZE1S

Size 1 U05



Size 1 U3 CNOMO



# AIR TREATMENT UNITS

## HZE0R08G

Regulator without gauge  
Size 0



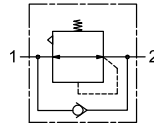
## HZE-RL

Lockable regulator  
Size 1-2



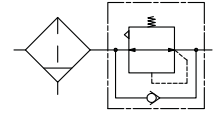
## HZE-R

Check valve  
Size 0-05-1-2



## HZE-B

Check valve  
Size 0-05-1-2



## HZE1G / HZE2G

Coalescence purifier filters  
Size 1 - 2

**NEW**



## HZE1GD / HZE2GD

Oil separator filters with  
activated carbon Size 1 - 2

**NEW**



## HZ9NP40

HZE integrated digital  
pressure switch

**NEW**



## HZ9NP50

IP65 digital pressure switch  
with connector

**NEW**



## HZRP30

Precision regulator G1/4

**NEW**



## HZRE10/20

Electro-pneumatic transducers



## HZRE30

Electropneumatic proportional regulators G1/8 - G1/4 - G1/2

**NEW**



# PNEUMATIC AUTOMATION

**HZ9464G**

Integrated square pressure gauge



**HZ9P...**

Round gauge



**HZ9N**

Digital pressure switch



**HZRP10/20**

Precision regulators



**HZRM08G**

Microregulator



**HZRS**

Mini regulator G1/4

**NEW**



## Filter Regulator with Digital Pressure Switch



## FITTINGS AND TUBES

**HA**

Technopolymer Push-In Fittings



**HAR**

Space-saving Fittings



**HB**

Nickel-plated Brass Push-in Fittings



**HGC**

Push-on Fittings



**HGO**

Olive Compression Fittings



**HGU**

Quick Couplings for Compressed Air



## COMPLEMENTARY VALVES AND ACCESSORIES

**AP**

Binary Counter (Flip Flop)



**AM-50**

Flow regulators with metallic body



**AM-51**

Signal processing valve



**AM-54**

Check valve



**AM-55**

Blocking valve



**AM-5200**

Pneumoelectrical transducer



**AM-5220**

Adjustable pressure switch



# PNEUMATIC AUTOMATION

## HC

Fittings and Accessories with  
pneumatic functions



## HD

Standard fittings



## HEA/HEC/HED

HEA Polyamide tubes  
HEC Polyurethane tubes  
HED Co-polyurethane tubes



## HFA/HFC

HFA Polyamide Spiral Tubes  
HFC Polyurethane Spiral Tubes



## AM-52

Gradual starter



## AM-53

Economizer



## HZ9N12

Adjustable diaphragm  
pressure switch



## YF

G1/8 ÷ G1  
Fluid Valves



Air/Oil reservoir  
**AM4 series**

**NEW**



# POWER CLAMPS

## UBP

UNIVERSAL Mini clamps

Ø25/32

**NEW**



## UBP/UBH

UNIVERSAL Pneumatic power clamps



## IBP

UNIVERSAL Pneumatic power clamps interchangeable with size 50/63 mm



## UBM/UBQ

UNIVERSAL Pneumatic power clamps with hand lever



## IBM

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



## UBT

UNIVERSAL Pneumatic power clamp with central hand lever



# GRIPPER UNITS

## UGP

Pneumatic gripper units



## UGM

Pneumatic gripper units with hand lever



## LGPS

Pneumatic grippers  
**UNIVER Original**





**ATEX**   
 Certified products  
 Available on request

# AUTOMOTIVE

## UDP

UNIVERSAL Pneumatic power clamps with 2 arms



## UNP

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



## UFL/UHL

Manual power clamps



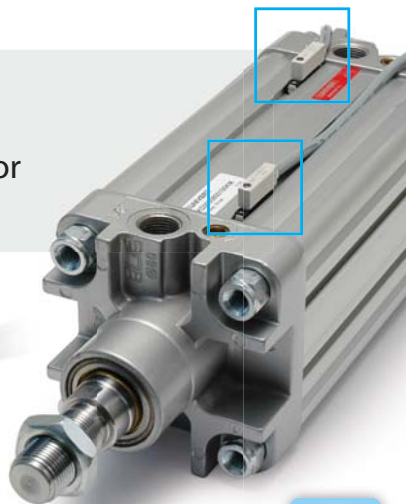
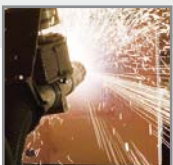
## UNM

UNIVERSAL Pneumatic power clamps with hand lever conforming to the N.A.A.M.S. Standard



## DF-RW700

Magnetic Field Immune Sensor



**NEW**

**BLUECLAMP**  
 air saving

**NEW**

**AIR SAVING** up to **40%**

## UA

**ALL SIZES AVAILABLE**

32 - 40 - 50 - 63 - 80 mm

**TOGGLE JOINT MECHANISM AND SPRING PACK SYSTEM**

Same internal system as standard UNIVER clamps

**HIGH AIR SAVING IN EACH SIZE**

**STANDARD AND NAAMS VERSIONS**



# RETRACTABLE LOCATING PIN UNITS

## LCP

Pneumatic retractable locating pin units with single rod



## LCG

Pneumatic retractable locating pin units with single rod, conforming to the CNOMO Standard



## LCB/LCC

Compact pneumatic retractable pin units with double guide



## LCZ

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



## LCM

Pneumatic retractable locating pin unit with hand lever and single rod



## LCY

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



## LCO

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



# PIN CLAMPS

## LSP

Pneumatic pin clamps



## LSP50U

Pneumatic pin clamps horizontal shape



## LSPL

Pneumatic pin clamps for laser beam applications



## LTP

Pneumatic pin clamps with vanishing hook



**LCA**

Pneumatic retractable locating pin units with orientable double rod



**LCT**

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



**LCX**

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



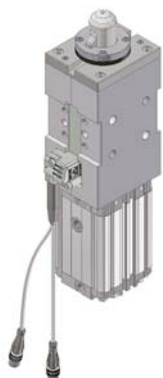
**LCL**

Manual retractable locating pin unit with single rod



**LUP**

Pneumatic pin clamps with vanishing hook and pin



**LSL**

Manual pin clamps



**LSC/LSPC**

**COMPACT** Pneumatic pin clamp

**COMPACT DIMENSION**

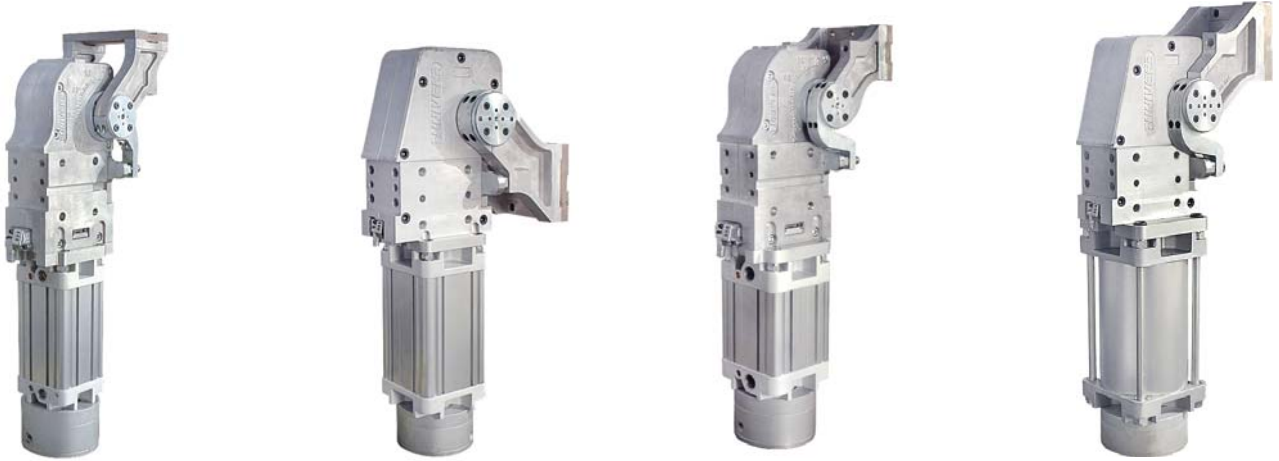
**COMPENSATION**

**METALLIC SCRAPER  
 (FRONT AND REAR)**



# POWER PIVOTS

**LAGP**  
Pneumatic 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 units



# TC-E

Modular Control System for Electric Clamping Units



**SERIAL COMMUNICATION SYSTEM**



**POWER UNIT**  
EFFICIENT power management



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



**FLEXIBLE**  
Compatible with I/O modules  
and valve manifolds



**MARKING UNITS**

**PRD**  
 Marking unit- 1 character



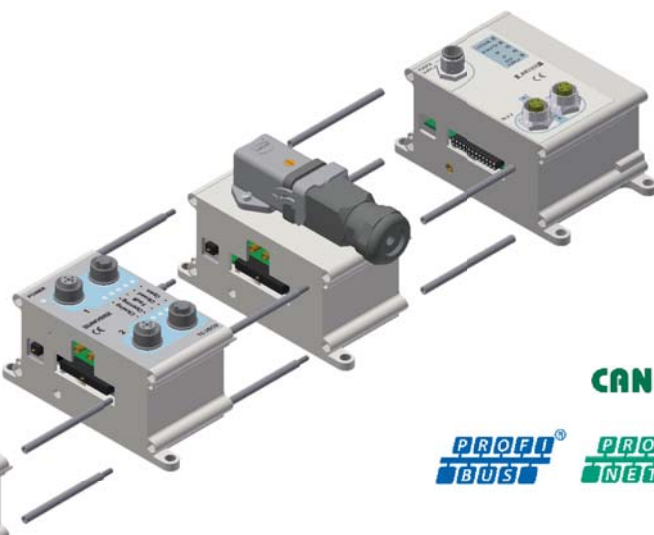
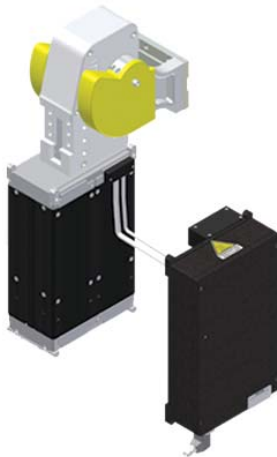
**PRP**  
 Marking unit- 7 characters



**LCE**  
 Electric retractable locating pin units



**LAGE**  
 Electric power pivots

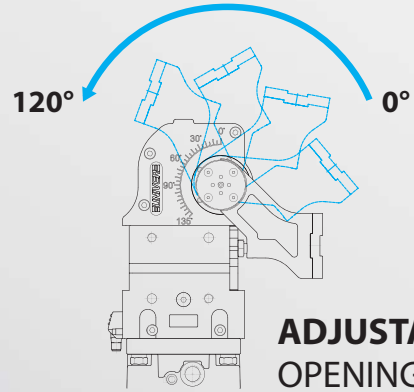


**NEW**

**CANopen**   
**PROFI BUS** **PROFI NET** 

**LARP**

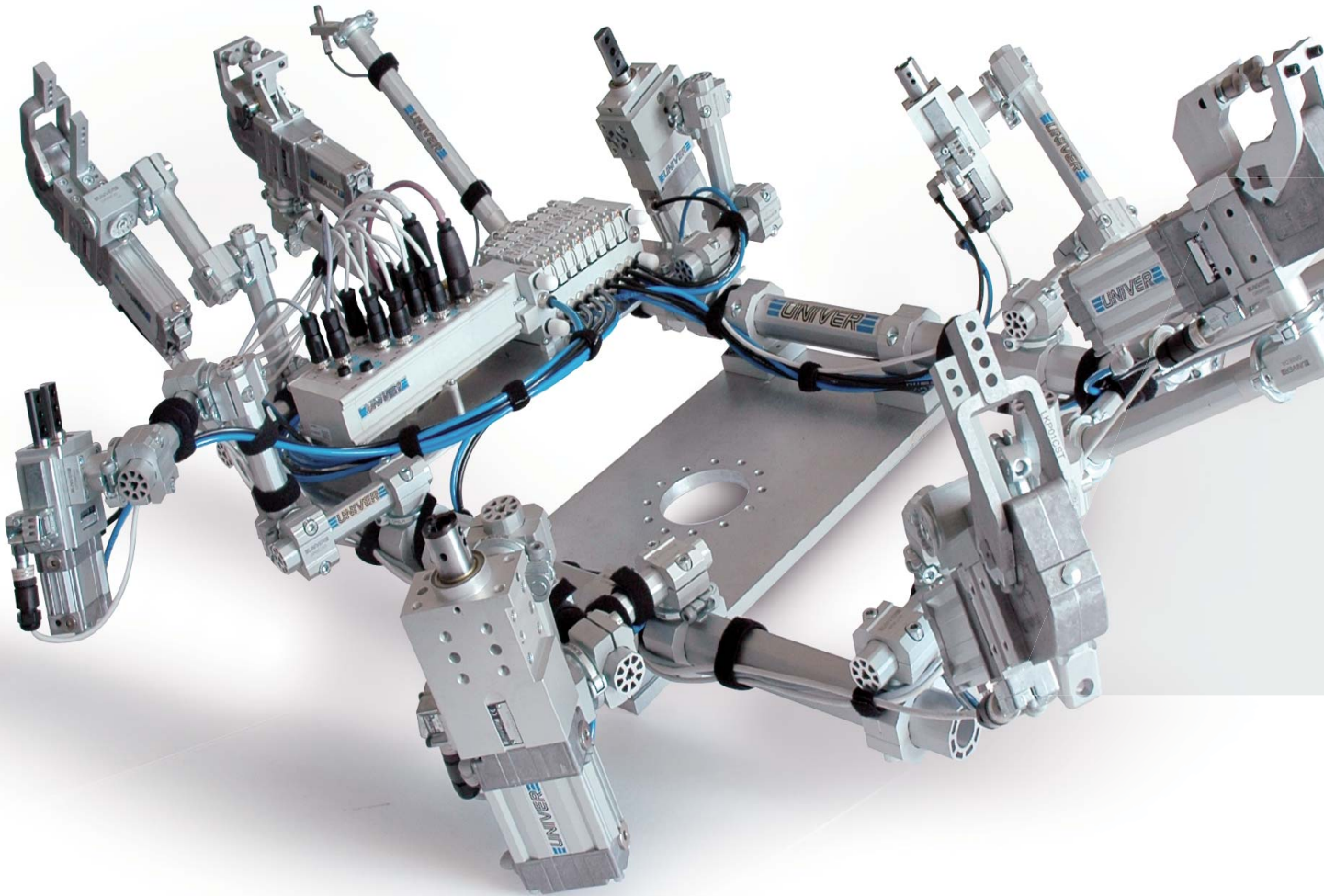
**UNIVERSAL Power Pivot**



**ADJUSTABLE  
 OPENING ANGLE**

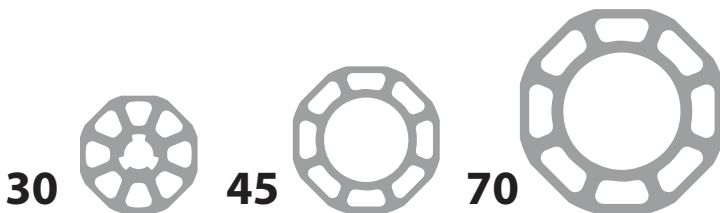


## GR8 MODULAR TOOLING SYSTEM



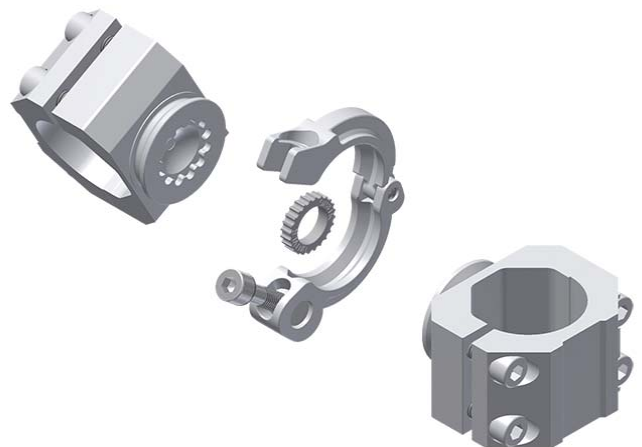
### Ø 30 - 45 - 70 mm BOOMS

Maximum stiffness and minimum weight

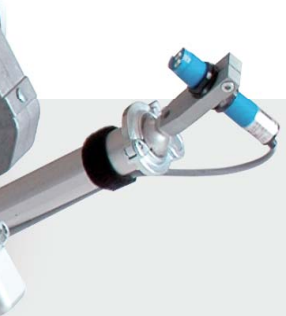


### LOCKING RING

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



# MODULAR TOOLING SYSTEM



## 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 configurations

## KIT

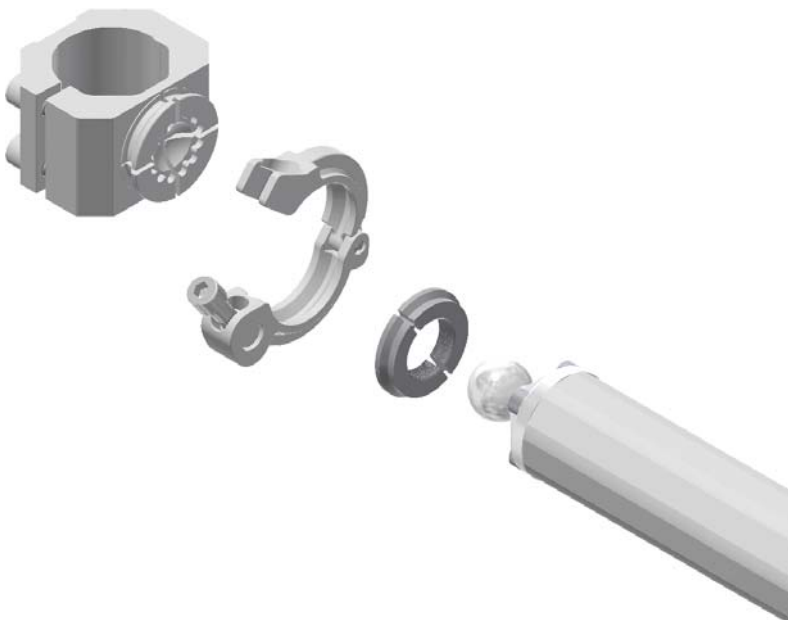
Considerable reduction  
of mounting elements



UNIVER Original **NEW**

## BALL MOUNTING

Unlimited swivel rotation











# BOOMS AND BOOM ADAPTERS





<b>GR8B30S6000</b> Octagonal boom Ø30	<b>GR8B456000</b> Octagonal boom Ø45	<b>GR8B706000</b> Octagonal boom Ø70	<b>GR8C30</b> Boom end-cap Ø30	<b>GR8C45</b> Boom end-cap Ø45
				

<b>GR8IK</b> Interlocking key insert	<b>GR8SCI30C</b> Interlocking end 30 for ball mounting	<b>GR8SCI30D</b> Interlocking end 30 D	<b>GR8ECI45C</b> Interlocking end 45 for ball mounting	<b>GR8ECI45D</b> Interlocking end 45 D
		 <span style="background-color: #0070C0; color: white; padding: 2px;">200 Nm</span>		 <span style="background-color: #0070C0; color: white; padding: 2px;">200 Nm</span>

# FRAME COMPONENTS

<b>GR8BB30</b> Base plate 30	<b>GR8BB30A</b> Joint 30 without base	<b>GR8BB45</b> Base plate 45	<b>GR8BB45A</b> Joint 45 without base
			

<b>GR8HD4530V</b> Joint 45-30	<b>GR8HD4545V</b> Joint 45-45	<b>GR8HD7045</b> Joint 70-45	<b>GR8HD7070</b> Joint 70-70
			

<b>GR8CM7045</b> Coplanar Mount 70-45	<b>GR8CM7070</b> Coplanar Mount 70-70	<b>GR8BL45</b> Base linear plate 45	<b>GR8BL70</b> Base linear plate 70
			



# MODULAR TOOLING SYSTEM

## GR8C70

Boom end-cap Ø70



## GR8LH

Locking ring



## GR8LHD

Locking ring D



## GR8BB70

Base plate 70



## GR8BB70A

Joint 70 without base



## GR8CM4530

Coplanar Mount 45-30



## GR8CM4545

Coplanar Mount 45-45



## GR8BB4530B

Base plate
























200  
Nm

Max static load



# JOINT

<b>GR8BC30</b> 30 mm base connector	<b>GR8BC45</b> 45 mm base connector	<b>GR8BC70</b> 70 mm base connector	<b>GR8CJ30C</b> Cross Joint 30 for ball mounting
			
<b>GR8CJ45D</b> Cross Joint 45 D	<b>GR8CJ70C</b> Cross Joint 70 for ball mounting	<b>GR8CJ70D</b> Cross Joint 70 D	<b>GR8CJD30C</b> Double cross joint 30 for ball mounting
			
			
<b>GR8CJD45D</b> Double cross joint 45 D	<b>GR8RJ30C</b> Round Joint 30 for ball mounting	<b>GR8RJ30D</b> Round Joint 30 D	<b>GR8RJ45C</b> Round Joint 45 for ball mounting
			
			
<b>GR8RJ70D</b> Round Joint 70 D	<b>GR8R3025</b> Adapter octagon 30 to round 25	<b>GR8R4540</b> Adapter octagon 45 to round 40	
			
			
			Max static load

# MODULAR TOOLING SYSTEM

## GR8CJ30D

Cross Joint 30 D



200  
Nm

## GR8CJ45C

Cross Joint 45  
for ball mounting



## GR8CJD30D

Double cross joint 30 D



200  
Nm

## GR8CJD45C

Double cross joint 45  
for ball mounting



## GR8RJ45D

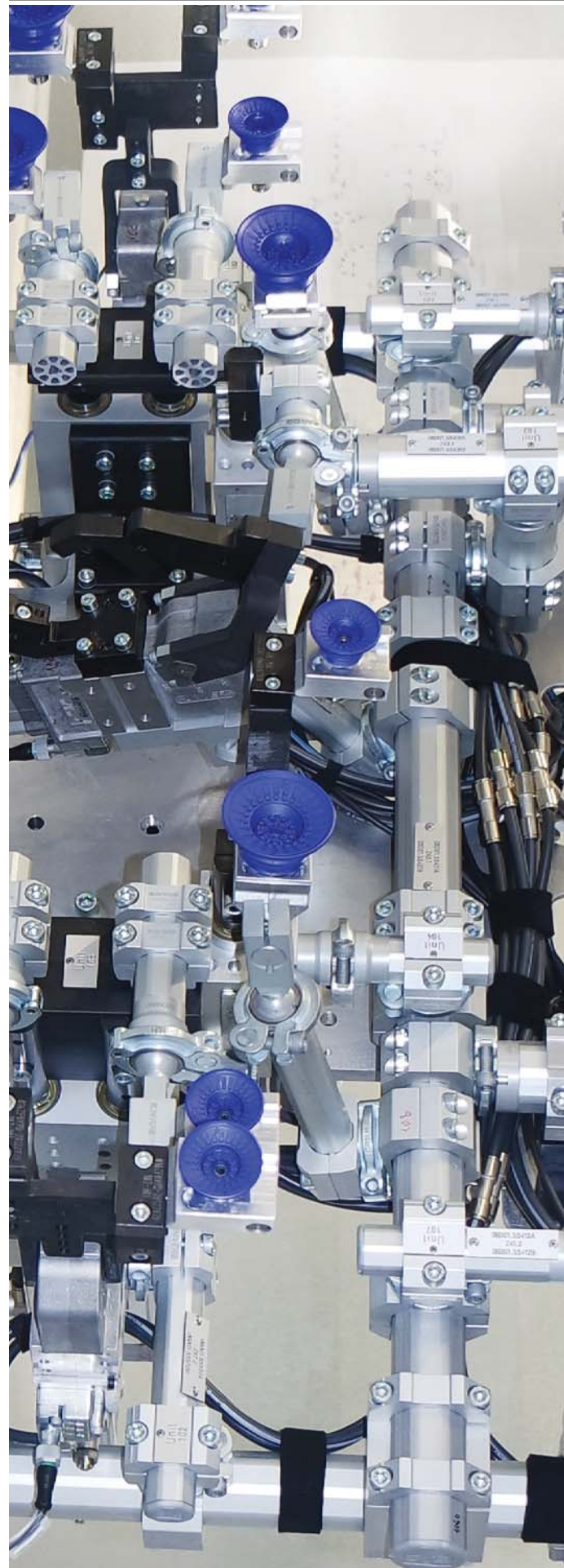
Round Joint 45 D



200  
Nm

## GR8RJ70C

Round Joint 70  
for ball mounting



## ANGLE ADAPTERS

### GR8A30D

Edge mount orientable side for 30 mm boom D



200 Nm

### GR8A45D

Edge mount orientable side for 45 mm boom D



200 Nm

### GR8SM3030

Edge mounting 30-30



### GR8SM4545

Edge mounting 45-45



## BALL ADAPTERS

### GR8MP12

Proximity mount 12 mm



### GR8MP18

Proximity mount 18 mm



### GR8MP30

Proximity mount 30 mm



### GR8MP19

Vacuum cup adapter



## LGPS ADAPTERS

### LGP32MO25

Orbital mount 360°, ball Ø25 mm for LGPS32



### LGP32MO30

Orbital mount 360°, ball Ø30 mm for LGPS32



### LGP32MP

Middle flange mount for LGPS32



### LGP40MO25

Orbital mount 360°, ball Ø25 mm for LGPS40



### LGP40MO45

Orbital mount 360°, ball Ø45 mm for LGPS40



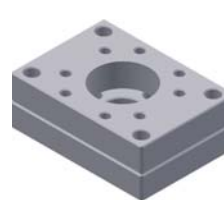
### LGP40MP

Middle flange mount for LGPS40



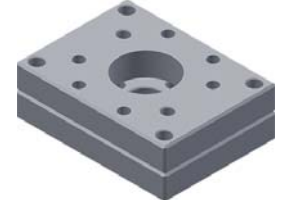
### LGP32PT070

Rear flange mount 70 mm for LGPS32



### LGP40PT080

Rear flange mount 80 mm for LGPS40



# MODULAR TOOLING SYSTEM

200  
Nm

Max static load

## GR8SCB30

Ball mount 30



## GR8SCB45

Ball mount 45



## LGP40MO30

Orbital mount 360°,  
ball Ø30 mm for LGPS40



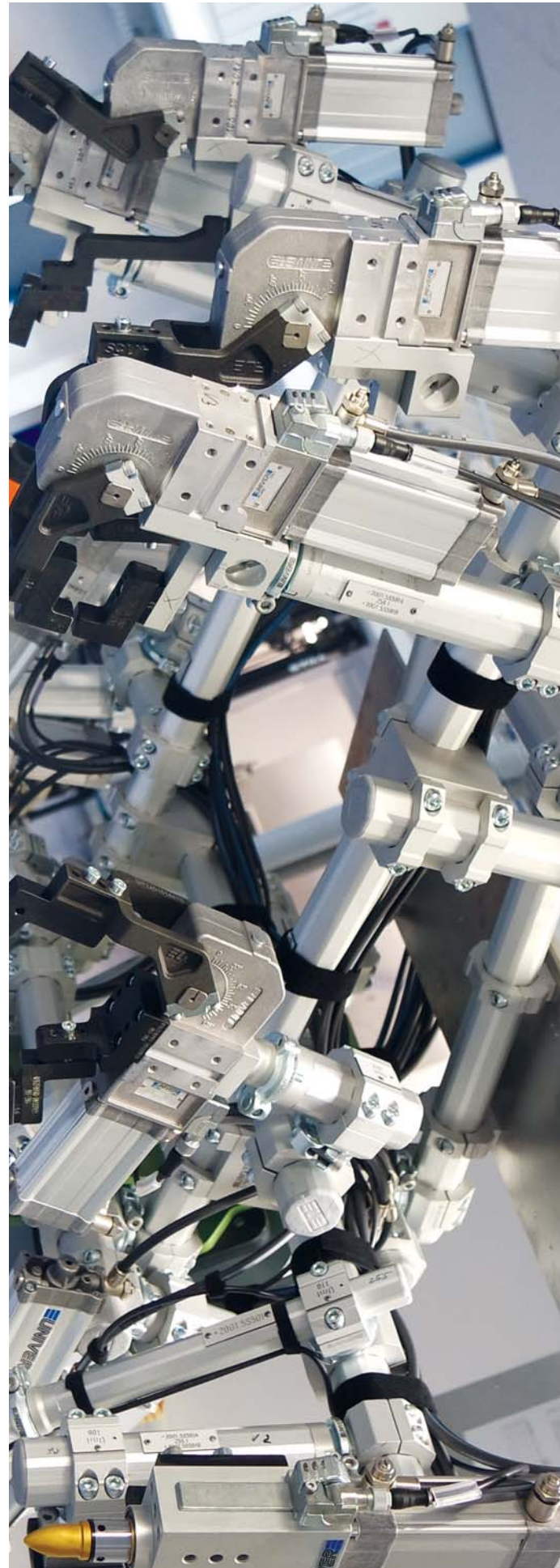
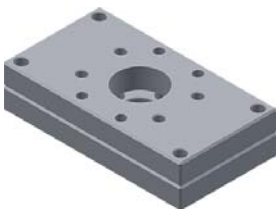
## LGP40MO40

Orbital mount 360°,  
ball Ø40 mm for LGPS40



## LGP40PT110

Rear flange mount 110 mm  
for LGPS40



## REAR MOUNT PLATES

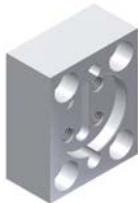
### GR8SR40

Rear mount plate for clamps size 40



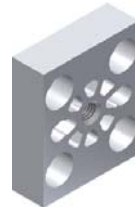
### GR8SR40D

Rear mount plate D for clamps size 40



### GR8SR50

Rear mount plate for LCP50



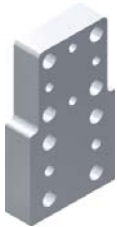
### GR8SR50D

Rear mount plate D for LCP50



### GR8SB4530

Rear mount plate



### GR8SB4530M8

Rear mount plate with M8 threads



### GR8SSLC

Flange mount for LCP



### GR8SSLCM8

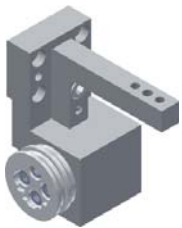
Flange mount for LCP with M8 threads



## FRONT MOUNT PLATES

### GR8MF40D

Front mount plate D for clamps size 40



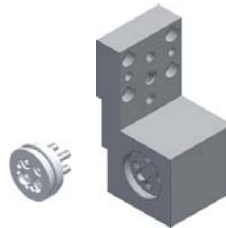
### GR8RMF4050AD

Interlocking adapter for GR8MF40D, GR8MF50D, GR8MFGLD



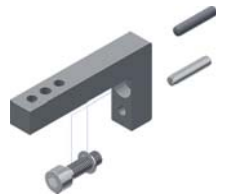
### GR8MF40PD

Mount plate for GR8MF40D



### GR8RMF40C

Mount flange angle for GR8MF40D



### GR8RMF50C

Mount flange angle for GR8MF50D



### GR8MFGLD

Front mount plate D for UGP gripper



### GR8MFGLC

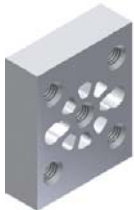
Counter mount for GR8MFGLD



# MODULAR TOOLING SYSTEM

## GR8SR50M8

Rear mount plate with M8 threads  
for clamps size 50/63



## GR8SR50M8D

Rear mount plate D with M8 threads  
for clamps size 50/63



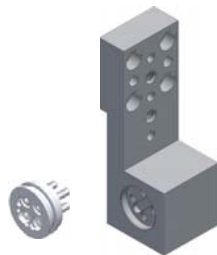
## GR8MF50D

Front mount plate D  
for clamps size 50/63



## GR8MF50PD

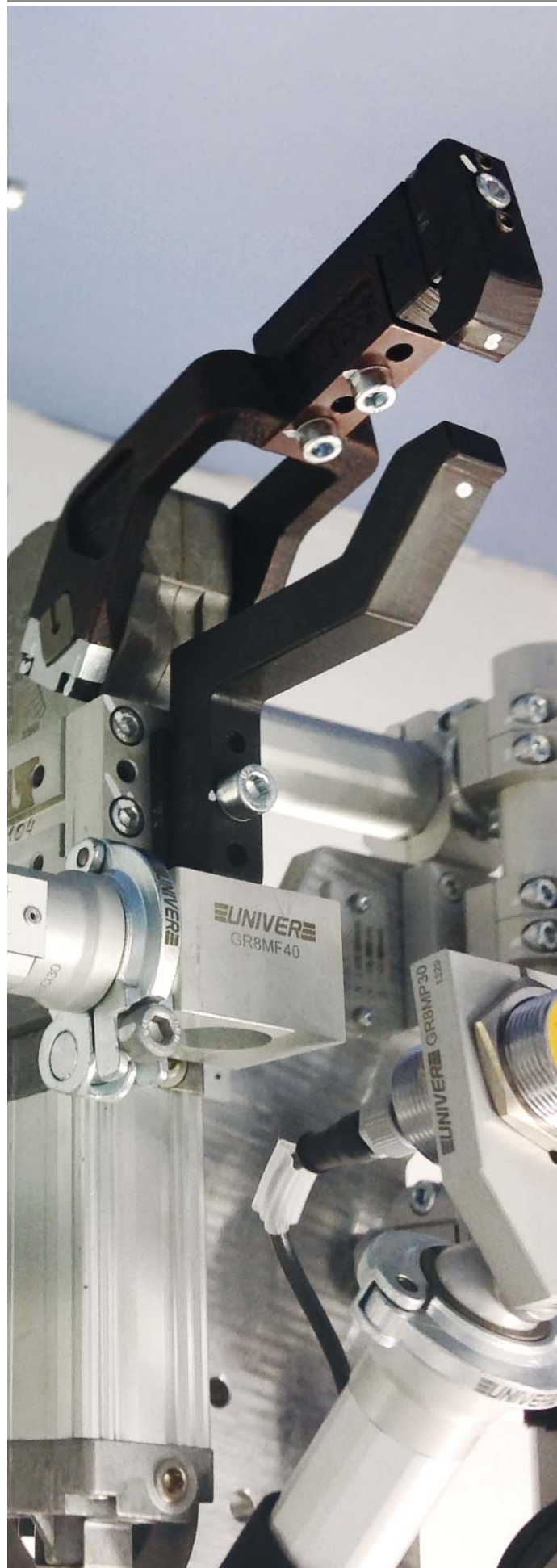
Mount plate  
for GR8MF50D



## RISERS

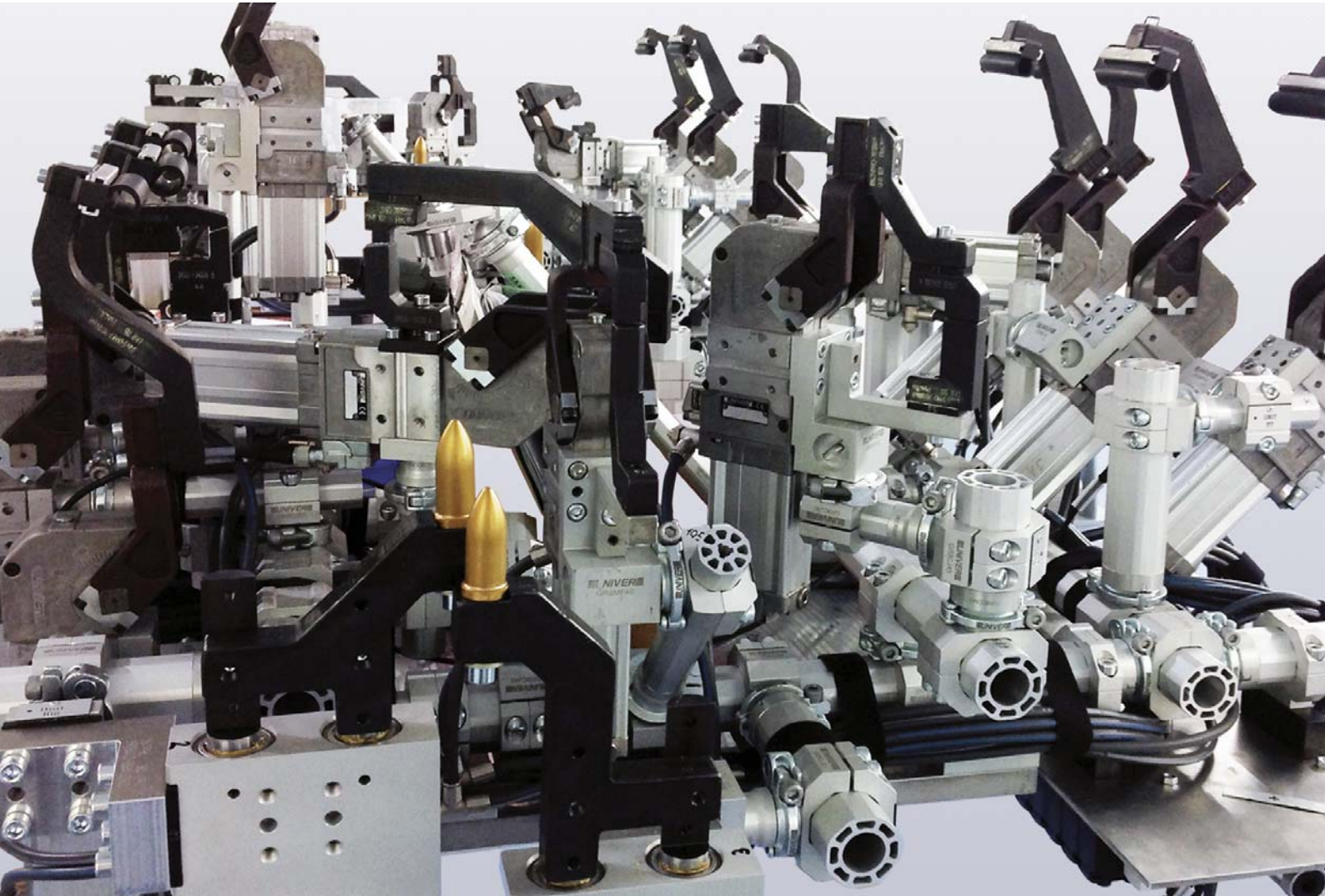
### GR8SK30/45/70

Riser size 30-45-70



## GR8

### Application examples



Unlimited and complex configurations

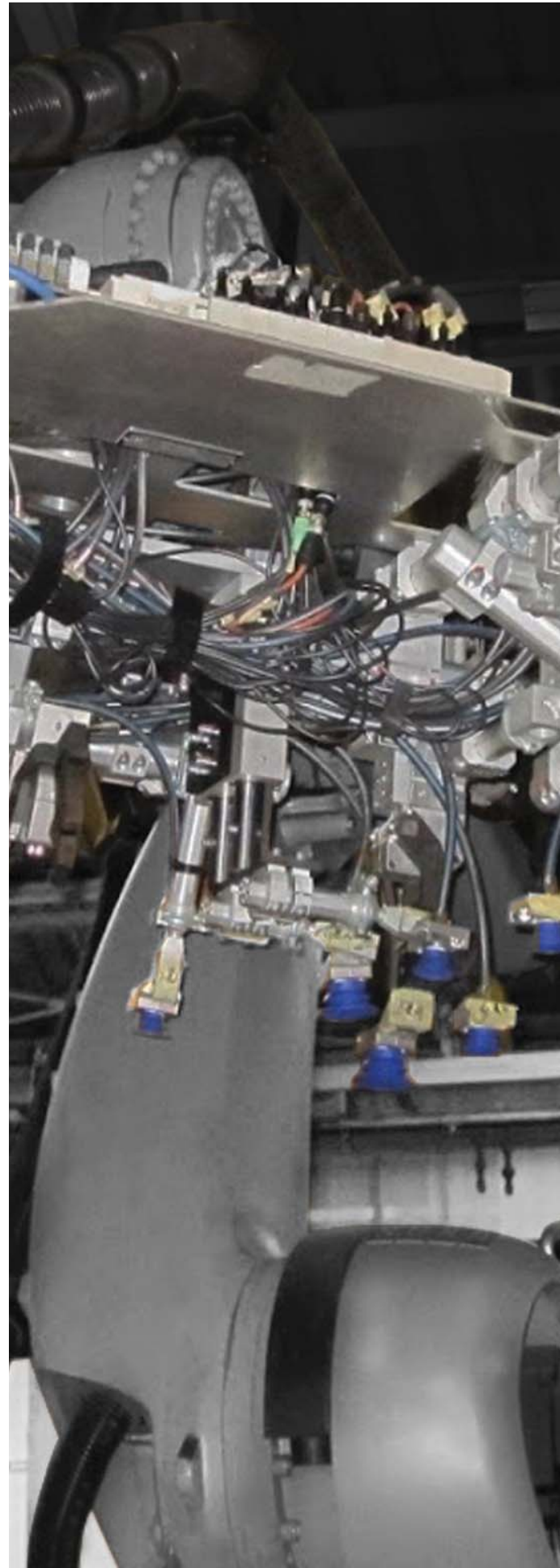
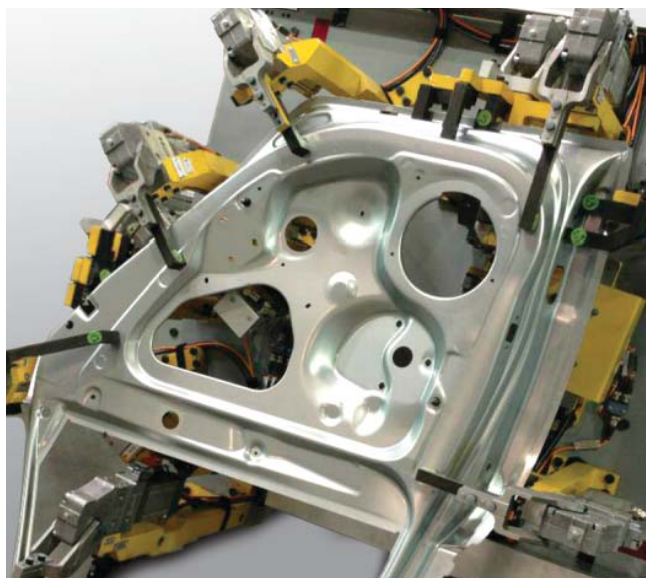
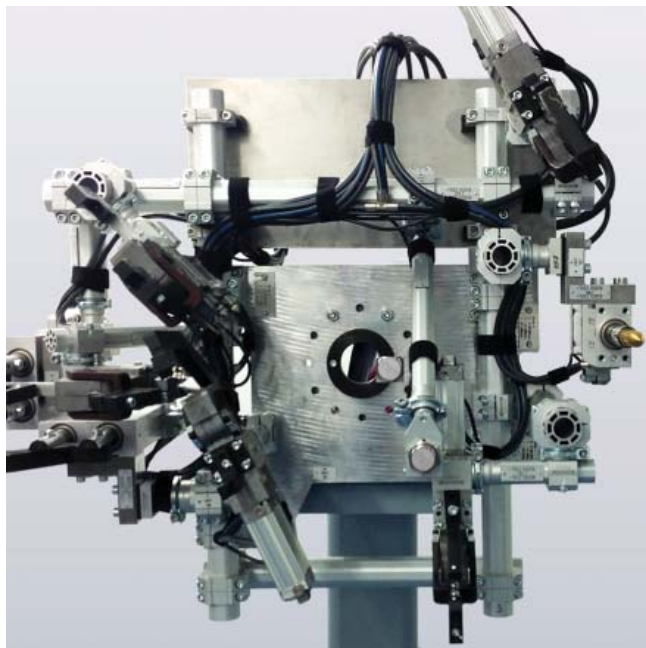
Weight-optimized standard components and brackets

Quick installation and adjustment

Modular components



# MODULAR TOOLING SYSTEM



Compliance with  
International  
Standards

<b>DIRECTIVE 2014/34 EU "ATEX"</b>	Directive that specifies the safety requirements for equipment/components for use in potentially explosive atmospheres
<b>PRODUCT CERTIFICATION "CSA/UL"</b> Nr. 24 48884 Nr. LR 113373-1	Product Safety certification for the North American market (Unite States - Canada)
<b>DIRECTIVE 2011/65/EU "RoHS"</b>	Directive which regulates the use and disposal of hazardous substances in electrical and electronic equipment and their waste disposal.
<b>DIRECTIVE 2012/19/EU "WEEE"</b>	Directive on waste electrical and electronic equipment.
<b>DIRECTIVE "REACH"</b>	EC 1907/2006 of the European Parliament and the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals.
<b>DIRECTIVE 97/23/EC "PED"</b>	Directive which applies to the design, manufacture and conformity assessment of pressure equipment and assemblies with a maximum allowable pressure greater than 0.5 bar.
<b>DIRECTIVE 2006/42/EC "MACHINERY"</b>	Directive defining essential health and safety requirements for the design, construction, installation and maintenance of machinery.
<b>ISO 9001:2015</b> <b>"QUALITY MANAGEMENT SYSTEM"</b>	Standard specifying Quality Management System requirements.



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