

**PNEUMATIC
AUTOMATION**



AUTOMOTIVE



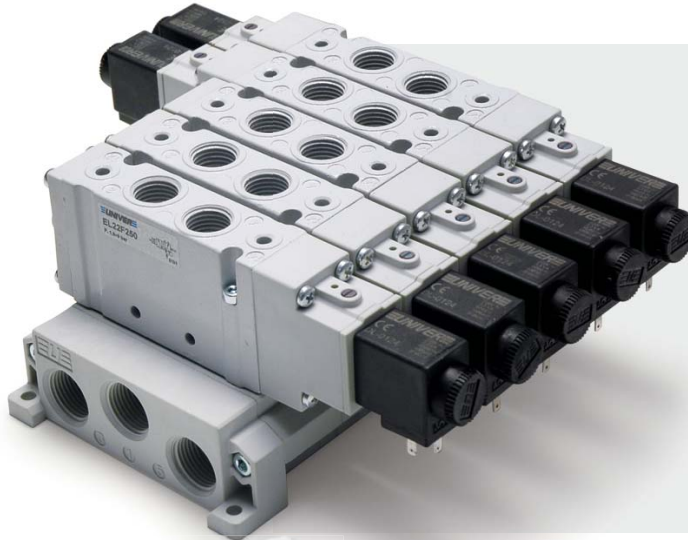
**MODULAR
TOOLING
SYSTEM**



_NEWS2016

ESSENTIAL

Valves **EL** series 18 mm (G1/8) 22 mm (G1/4)



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

5/2 Monostable/Bistable
5/3 c.c./o.c./p.c.
3/2 NC+3/2 NC
3/2 NC+3/2 NO
3/2 NO+3/2 NO

STRONG
Metallic body

P22

COMPACT 22 mm

HIGH FLOW RATE

1700 NI/min (UNIVER traditional spool technology)

COMPACT SIZE: 22 mm

Highest reduction of overall dimensions

EASY INSTALLATION

All pneumatic connections on the same side

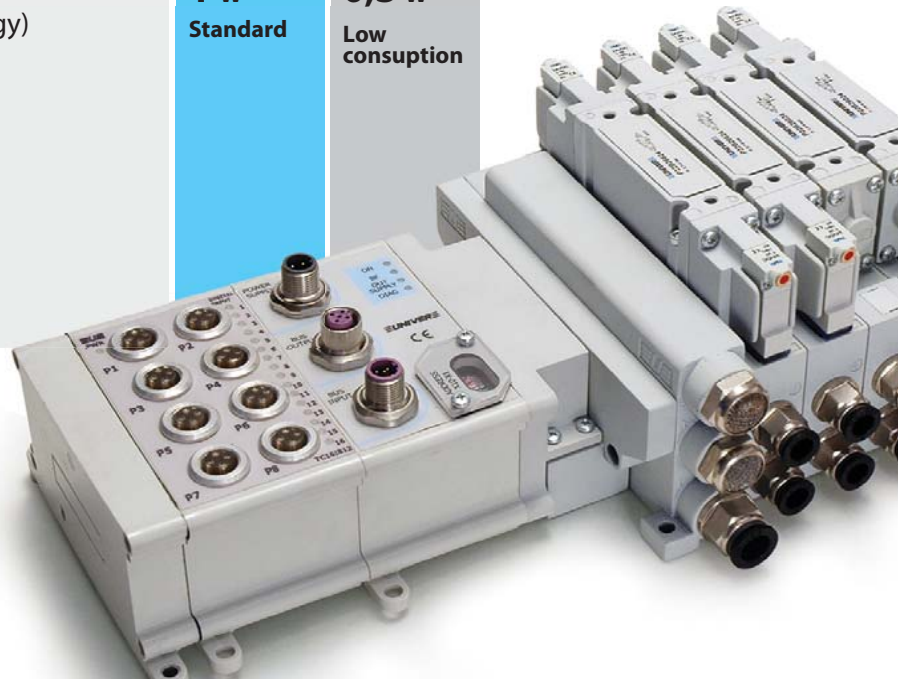
COMPLETE SOLUTION

Body for sub-base mounting

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

1 w
Standard

0,3 w
Low
consumption



LGPS

Pneumatic Grippers

STEPLESS ADJUSTABLE OPENING ANGLE

From 0° to 160°

LIGHTWEIGHT

TOGGLE JOINT MECHANISM

Irreversible movement- without air supply

INTEGRATED COMPENSATION

TWO-SIDED SENSOR MOUNTING POSITION

Left and right side

360° ORBITAL ORIENTATION

Unlimited orbital mounting adjustment

INTEGRATED SHOCK ABSORBER CUSHONING SYSTEM





LAE

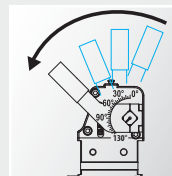
Electric Power Clamps



INTERCHANGEABLE
same overall dimensions as
pneumatic power clamps



**UNIVER ORIGINAL
CONTROL UNIT**



**ADJUSTABLE OPENING
ANGLE**

15° ÷ 130°



**ENVIRONMENTAL
FRIENDLY**

TC-E

Modular Control System for Electric Units



**SERIAL
COMMUNICATION
SYSTEM**



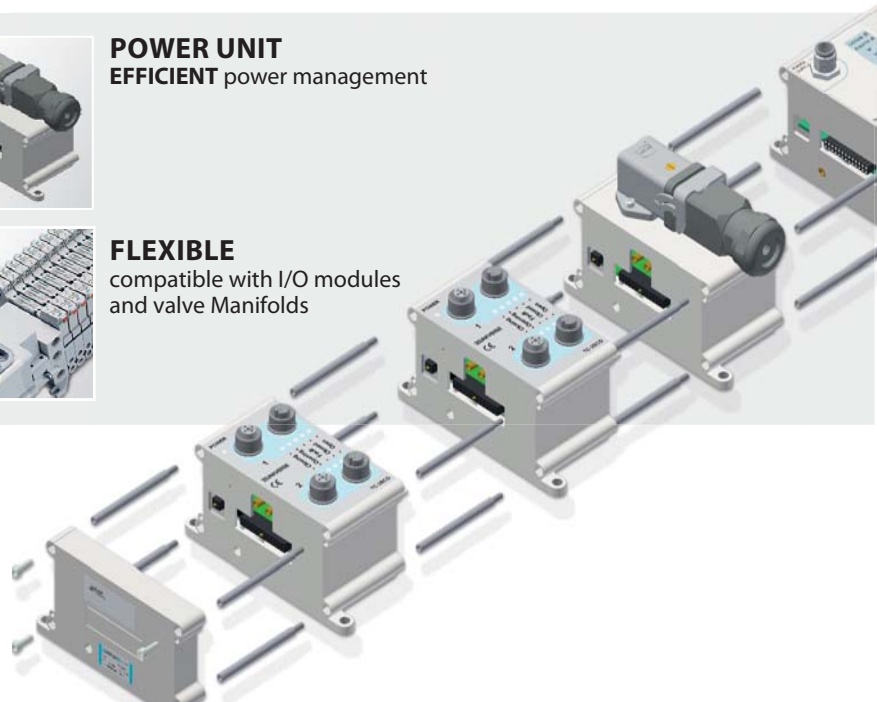
POWER UNIT
EFFICIENT power management



ELECTRIC UNIT DRIVER
control module for 2 units
Max 8 electric units



FLEXIBLE
compatible with I/O modules
and valve Manifolds



BLUECLAMP

air saving

AIR SAVING up to **40%**



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

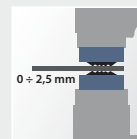
STANDARD AND NAAMS VERSIONS

-10%

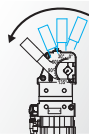
**REDUCED
OVERALL
DIMENSIONS**



LIGHTWEIGHT



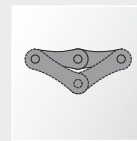
**INTEGRATED
COMPENSATION**



**STEPLESS
ADJUSTABLE
OPENING ANGLE
0° ÷ 135°**



**REAR FRONT
AND SIDE
MOUNTING
SURFACE**



IRREVERSIBLE



UABP32VCS



UABP40VCS



UABP50VCS



UABP63VCS



UABP80VCS

SIZE	STANDARD CLAMP*	BLUE CLAMP*	SAVING%
32	99	60	40%
40	165	103	39%
50	286	185	35%
63	510	338	34%
80	1270	787	38%

* = cm³/bar

UNIVERSAL Power Pivot



ADJUSTABLE OPENING ANGLE:

0° ÷ 120°

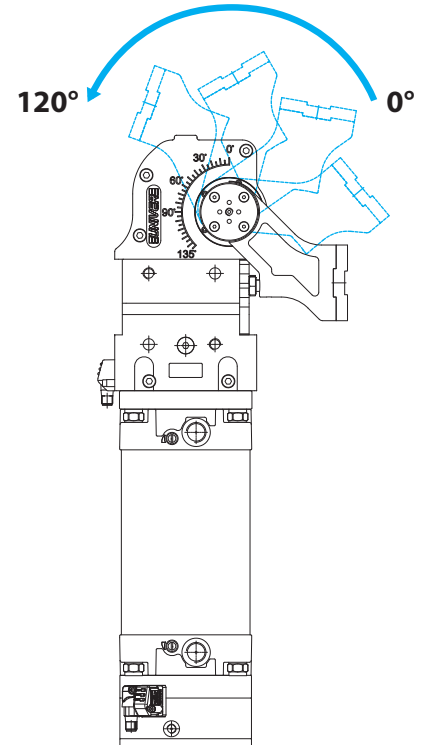
STOCK REDUCTION

AVAILABLE WITH OR WITHOUT BRAKE

AVAILABLE FOR ALL SIZES

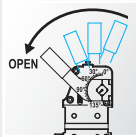
EASY SET UP

ADJUSTABLE OPENING ANGLE



UBK

Self-holding system for open position



SELF-ADJUSTING
suitable for any opening angle



DOUBLE MOUNTING
mountable either on the right or the left side



NAAMS STANDARD AVAILABLE



ADJUSTABLE HOLDING FORCE
to hold different applied loads



STOCK REDUCTION
one single system for different clamp settings

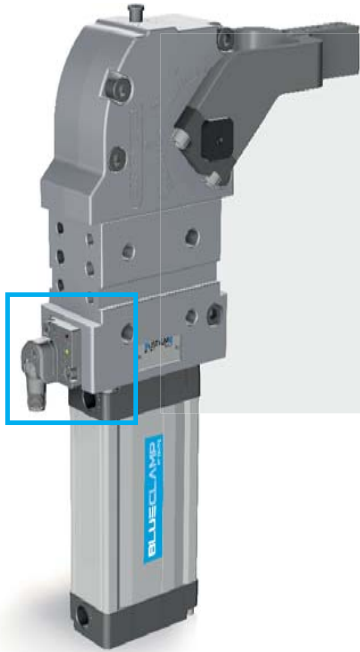


NO MAINTENANCE REQUIRED



DF-S/DF-C

NEW Compact Sensor



FULL METALLIC BODY

2 VERSIONS:

DF-S M12 adjustable swivel connector (each 10°)

DF-C M12 fixed connector (to minimize overall dimensions)

REDUCED OVERALL DIMENSIONS

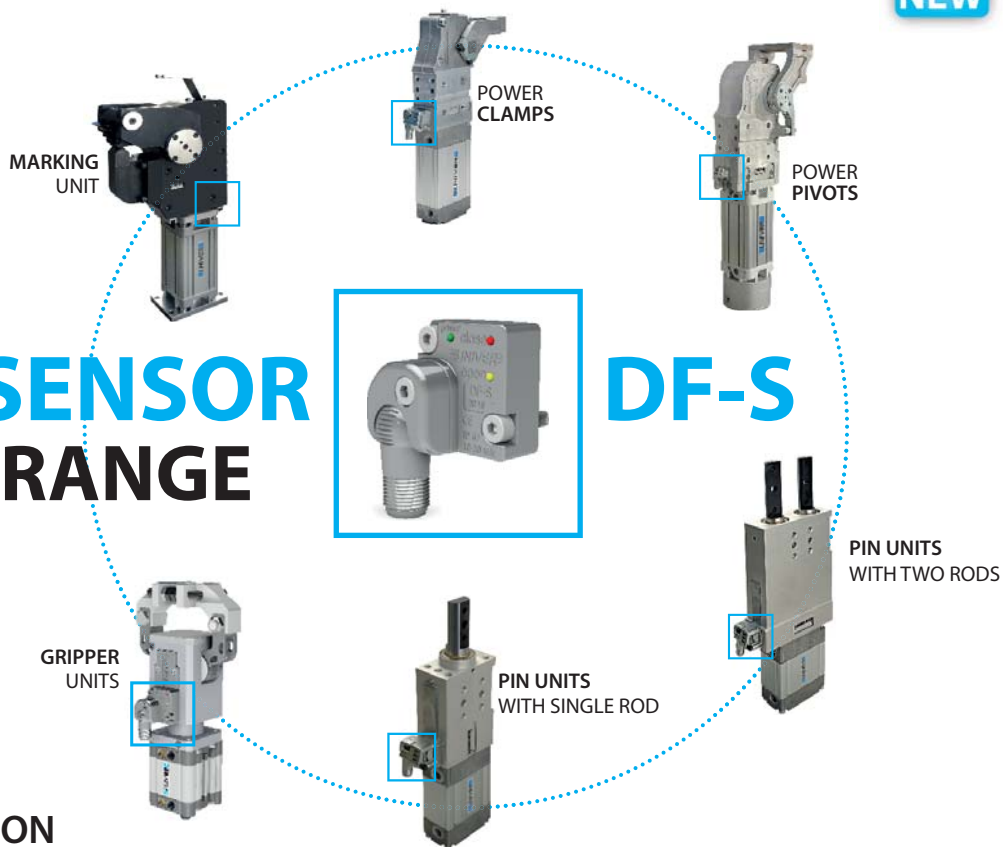
INTERCHANGEABLE WITH CURRENT DF-U VERSION



DF-S



DF-C



ONLY **SINGLE SENSOR**
FOR THE **WHOLE RANGE**

1 SENSOR=STOCK REDUCTION

GR8

Modular Tooling System

HIGH PRECISION

High level of positional repeatability;
low deflection

MODULAR COMPONENTS

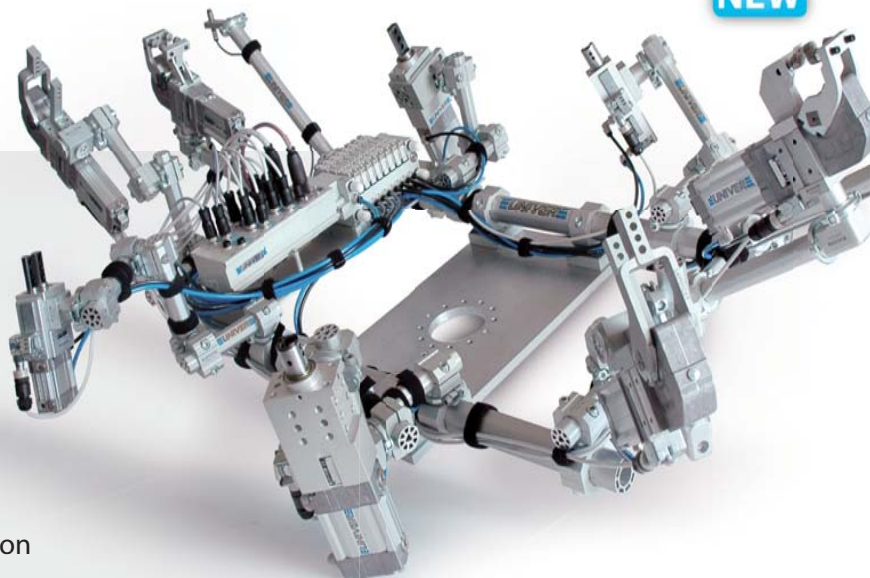
Considerable reduction of mounting components

QUICK INSTALLATION AND SET UP

No welding or doweling required,
easily replaceable components

FULLY ADJUSTABLE

Unlimited orientation in space and free 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



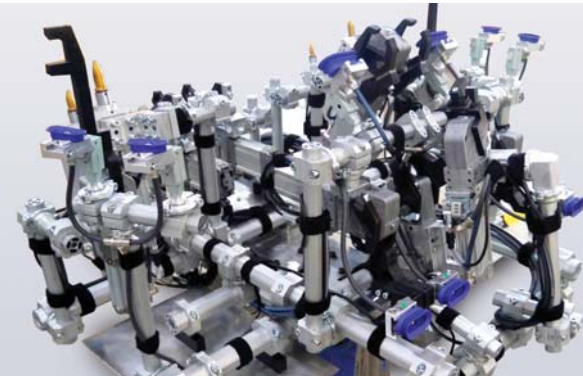
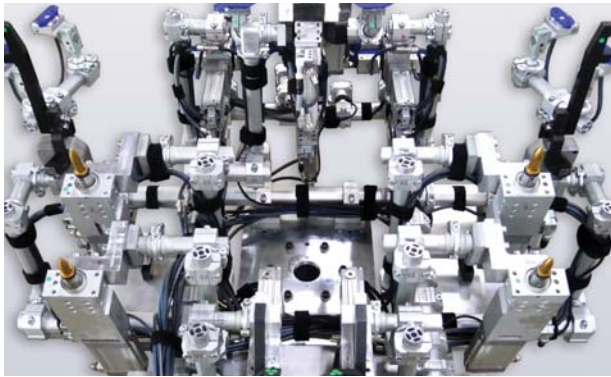
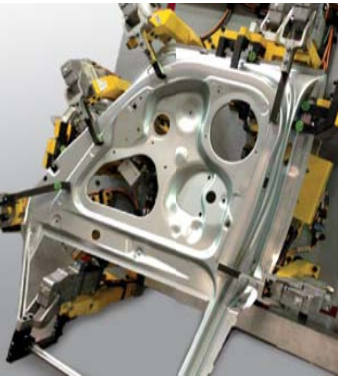
Ball mounting

Unlimited swivel rotation





GR8 applications and details of the components



COMPLETE SOLUTION
WITH **UNIVER** COMPONENTS

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

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