Since 1971 leader in Industrial Automation

30 YEARS

AUTOMOTIVE DIVISION

Car Manufacturers which use our Clamps

Pneumatic Automation | Automotive

www.univer-group.com
A single supplier with a complete Pneumatic Components for Automation and Clamping for Automation
product range for

Technology

GR8 Modular Tooling System
Our customers
Online Project Books

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**

- **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

**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
Complete range
Pin Packages

Retractable locating
single and double rod

LCP
Pneumatic retractable locating pin unit with single rod

LCG
Pneumatic retractable locating pin unit with single rod

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

Pneumatic retractable locating 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
Gripper Units

<table>
<thead>
<tr>
<th>UGP</th>
<th>UGM</th>
<th>LGP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pneumatic gripper unit</td>
<td>Pneumatic gripper unit with handlever</td>
<td>Pneumatic gripper</td>
</tr>
</tbody>
</table>

NEW

PATENTS PENDING

<table>
<thead>
<tr>
<th>LSP50U</th>
<th>LTP</th>
<th>LUP</th>
<th>LSL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pneumatic pin clamp- horizontal shape</td>
<td>Pneumatic pin clamp with vanishing hook</td>
<td>Pneumatic pin clamp with vanishing hook and pin</td>
<td>Manual pin clamp</td>
</tr>
</tbody>
</table>
Complete range
Pivot Units

Power Pivots

LAGP063  LAGP075  LAGP080  LAGP120  LAGP150

LAGP
Pneumatic power pivots
Marking Units

**PRP**

Pneumatic marking unit

LAGP170  LAGP210  LAGP300  LAGP350  LAGP600-605  DMA200
Complete range
Electric Units

- **LAE**: Electric power clamps
- **LNE**: Electric power clamps, fixing conforming to the N.A.A.M.S. Standard
- **LGE**: Electric gripper unit

**Electric units**
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

<table>
<thead>
<tr>
<th>BE12</th>
<th>BD 18 mm</th>
<th>BD 26 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISO 5599/1 Valves size 1-2-3-4</td>
<td>ISO 15407 -1/2 Valves</td>
<td>ISO 15407 -1/2 Valves</td>
</tr>
</tbody>
</table>

- **AG** Poppet Valves for vacuum G1/8 ÷ G1 1/2
- **P15** 15 mm COMPACT Valves
- **TC** Serial Communication Systems
Complete range

Pneumatic Automation for Automotive

Air Treatment

- **HZE-Y**: Gradual starter
- **HZE-N**: Diverter block
- **HZE-P**: Lockable valve
- **HZE-S**: Shut-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

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
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