



UNIQUE SOLUTIONS

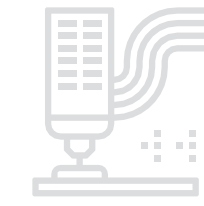
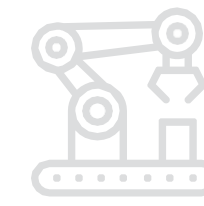
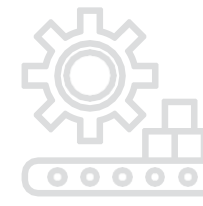
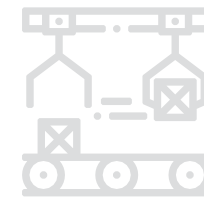
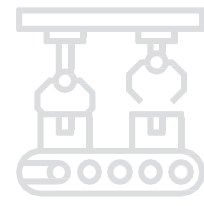
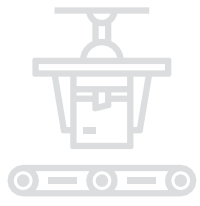
The Idea

When standard products aren't enough, choose a more efficient, faster, affordable way to boost your systems.

With 60 years of experience, we add value to your brand by designing and producing special design cylinders to meet the needs of our customers.

High quality and competitive prices in the shortest period of time.

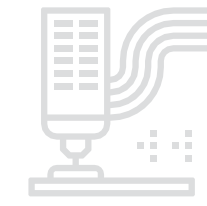
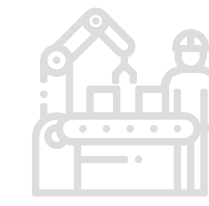
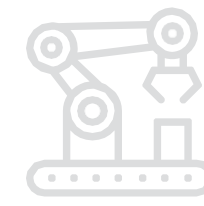
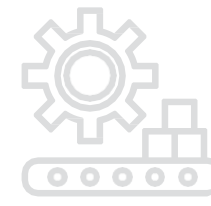
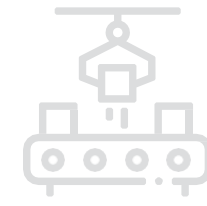
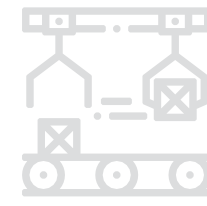
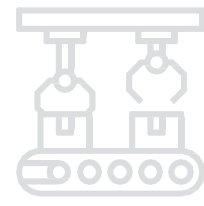
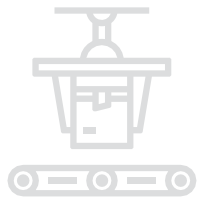




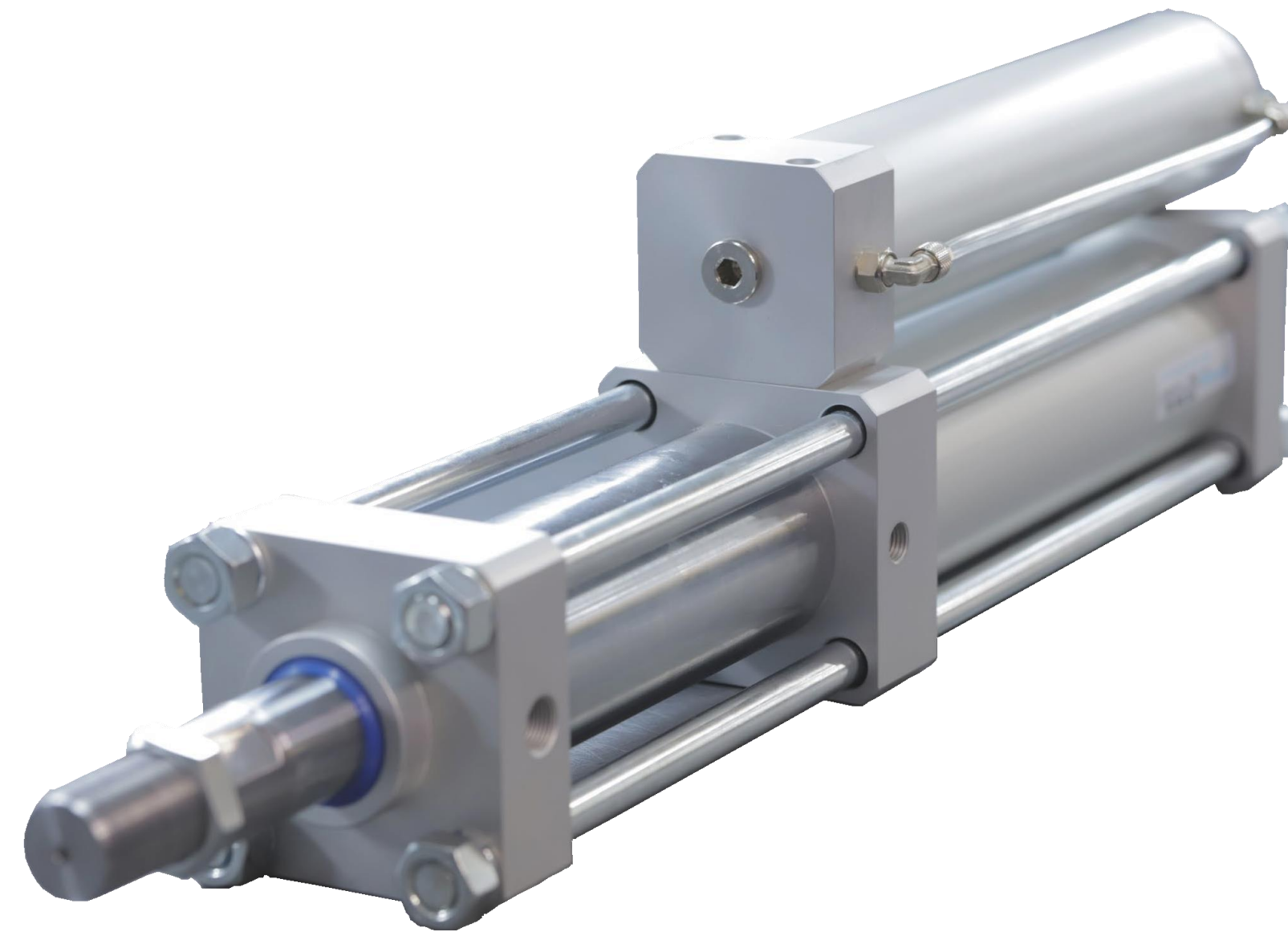
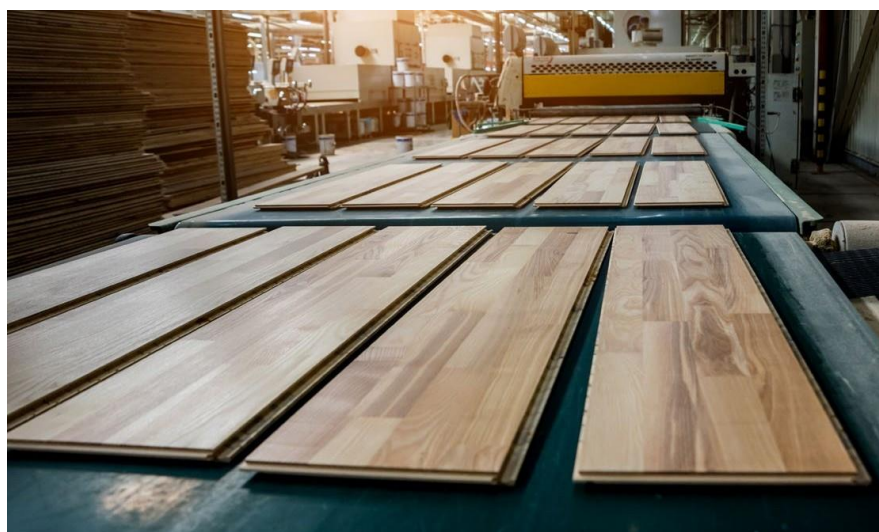
Hydro-Check Cylinder



- Description:** Speed control and constant speed.
- Function:** Excellent surface cutting quality with continuous precision progress.
- Industry/Area:** PVC & Aluminum Processing Machinery
- Also best for:** Woodworking Machinery



Hydro-Pneumatic Cylinder



Description:

Force boost by hydraulic and pneumatic cylinder.

Function:

Additional force is achieved by compressing the oil in the hydraulic cylinder on the front of the pneumatic cylinder located in the rear section.

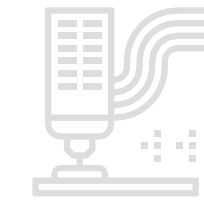
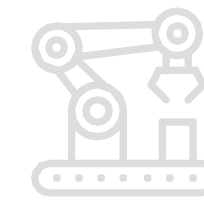
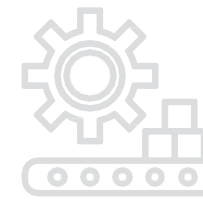
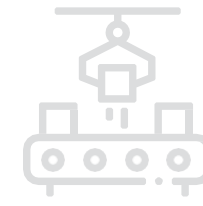
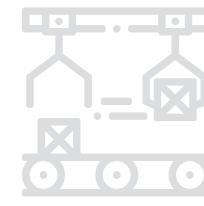
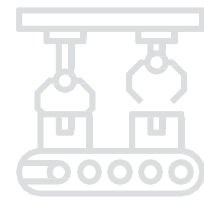
Suitable for cutting and merge applications.

Industry/Area:

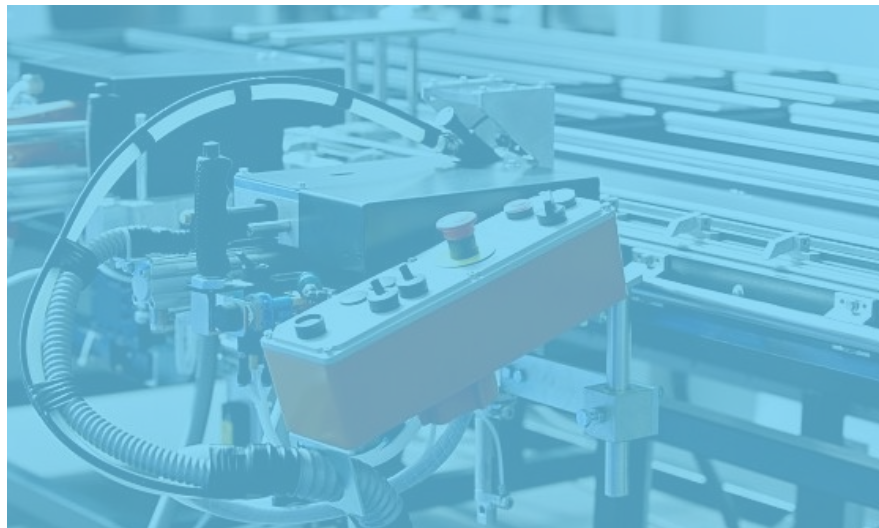
PVC & Aluminum Processing Machinery

Also best for:

Woodworking Machinery



Special Rotary Clamp Cylinder



Description:

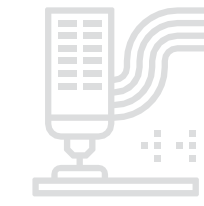
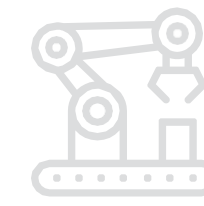
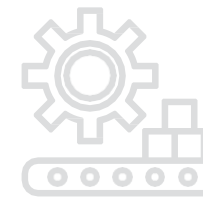
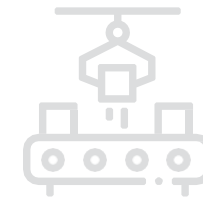
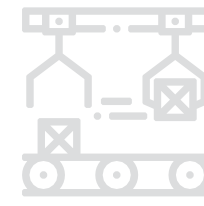
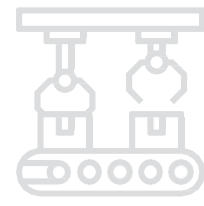
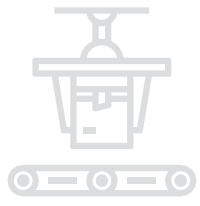
Production of straight and rotary stroke according to demand.

Function:

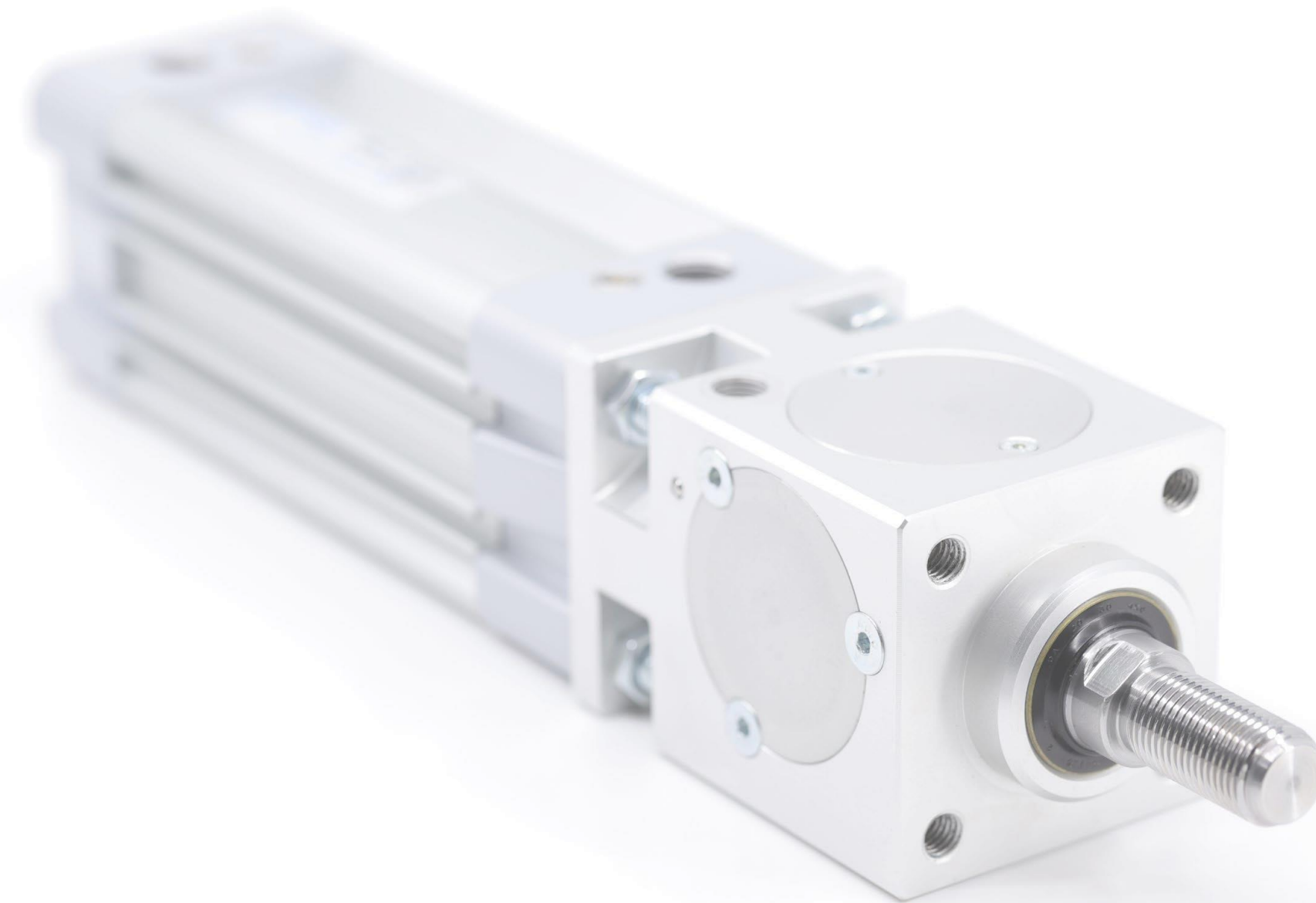
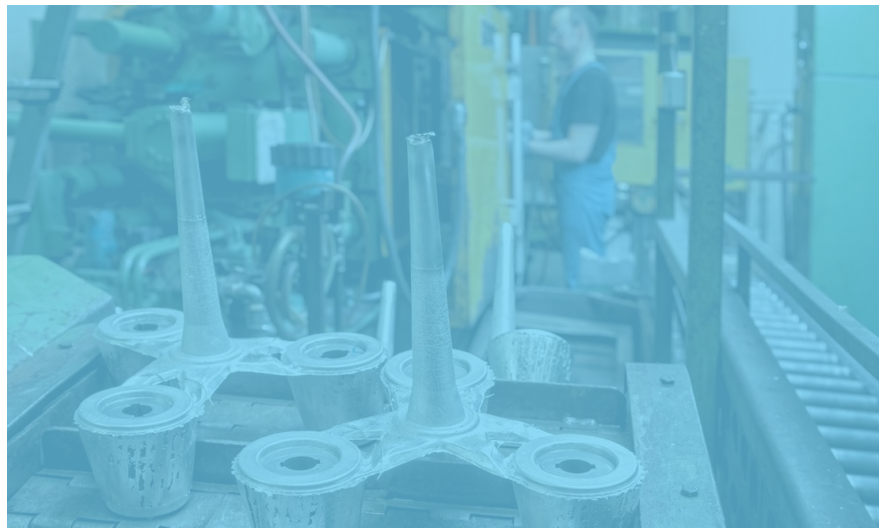
It can adjust standard rotary and straight moving distances in requested stroke, providing flexible movements specific to customer's requests.

Industry/Area: PVC & Aluminum Machinery

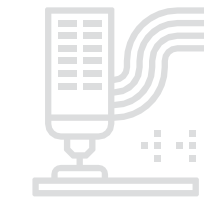
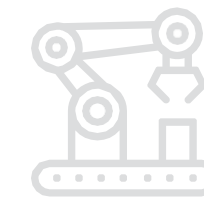
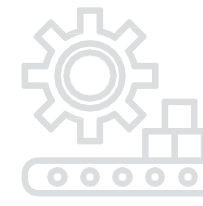
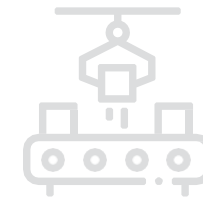
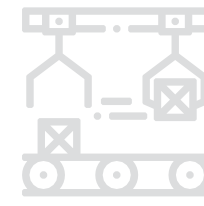
Also best for: Custom Automation Machinery // Automotive Industry



Locking Unit



- Description:** Cylinder stops at specified position.
Function: Safety applications in general automation systems.
Industry/Area: Casting Machinery
Also best for: Food Packaging Machinery // Automotive Industry



First-Final Position Locking Cylinder

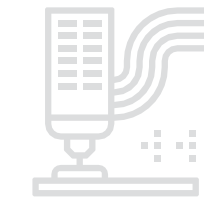
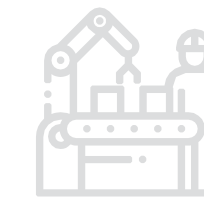
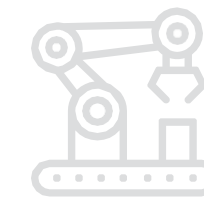
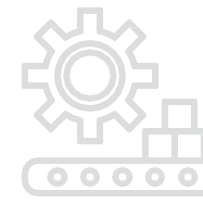
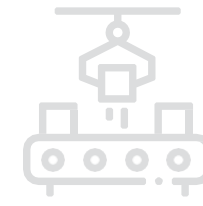
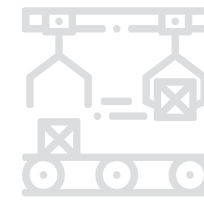
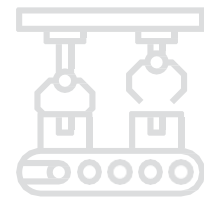
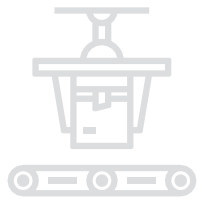


Description: The cylinder is mechanically locked in the first and last positions.

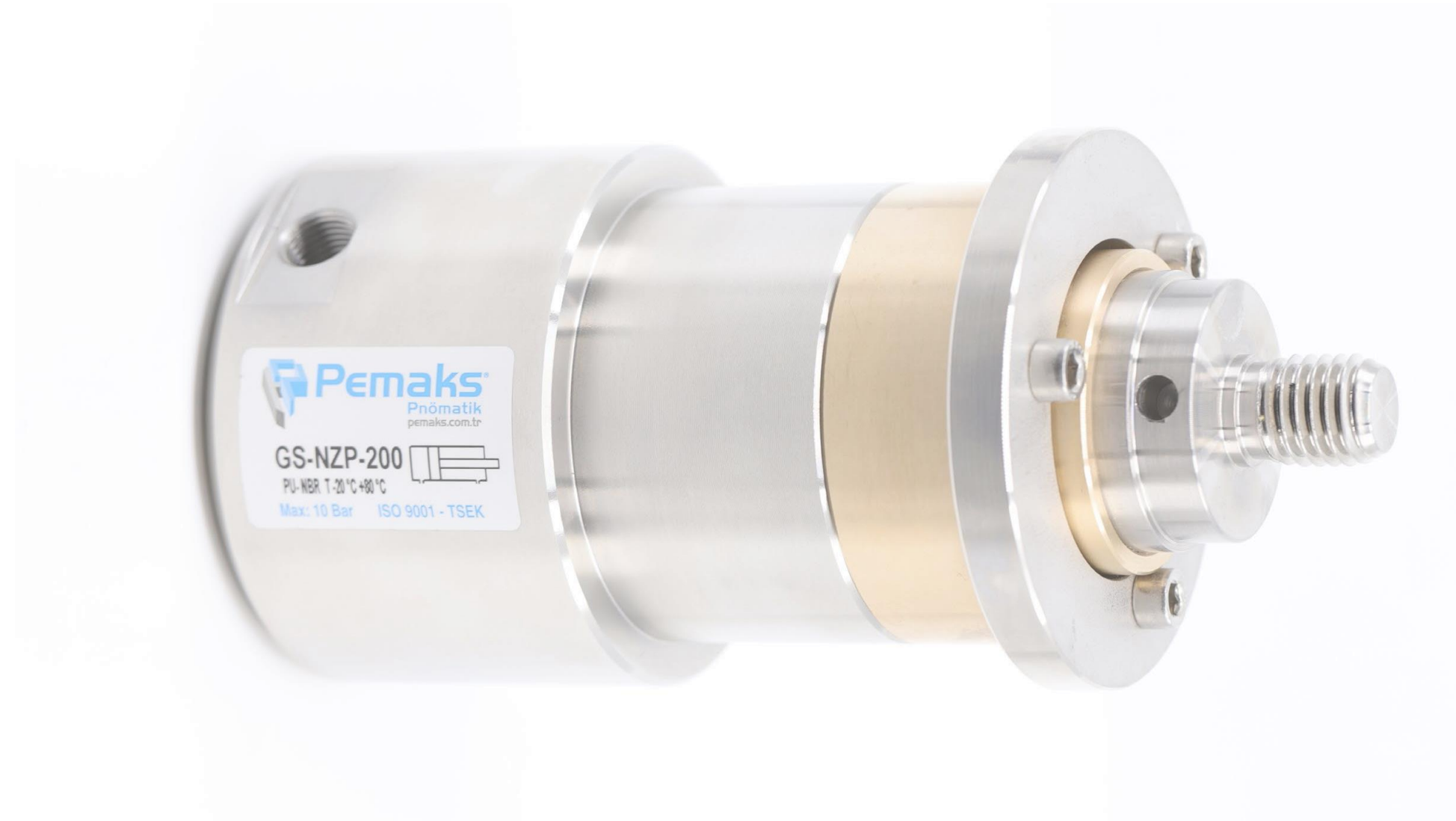
Function: Safety applications in general automation systems.

Industry/Area: Casting Machinery

Also best for: Food Packaging Machinery // Automotive Industry



Stainless Steel Cylinder with Special Seal Application



Description:

High resistance of cylinder body and seals.

Function:

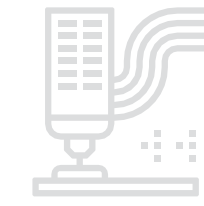
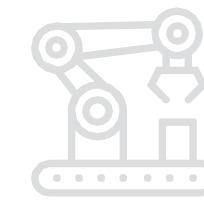
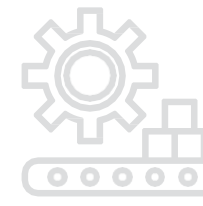
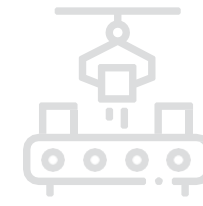
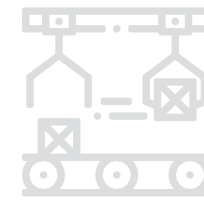
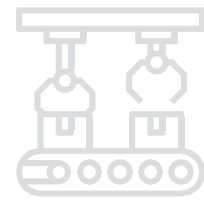
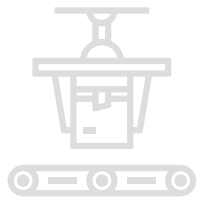
Resistant, long working life operation of body and seals;
for chemical-based products (deodorant, perfume, cologne).

Industry/Area:

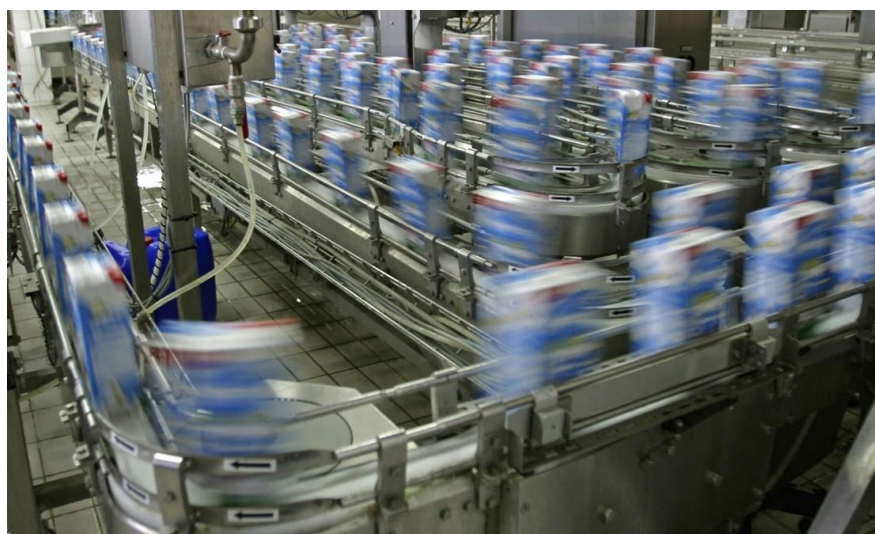
Pharmaceutical, Cosmetic and Chemical Machinery

Also best for:

Food Packaging Machinery // Food Process and Filling Machinery



Stroke-Adjustable Cylinder



Description:

The exact stroke of the cylinder can be adjusted as desired.

Function:

Dosing application, belt width adjustment, printing adjustment.

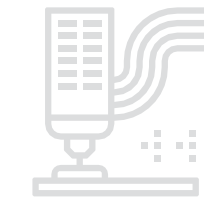
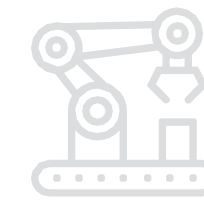
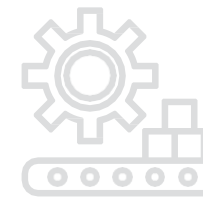
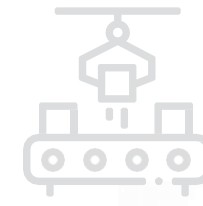
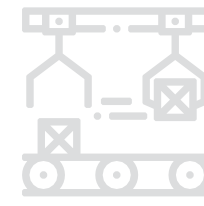
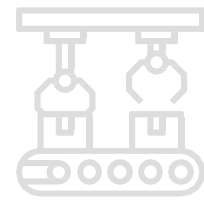
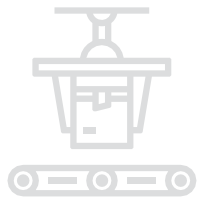
Industry/Area:

Food Process and Filling Machinery

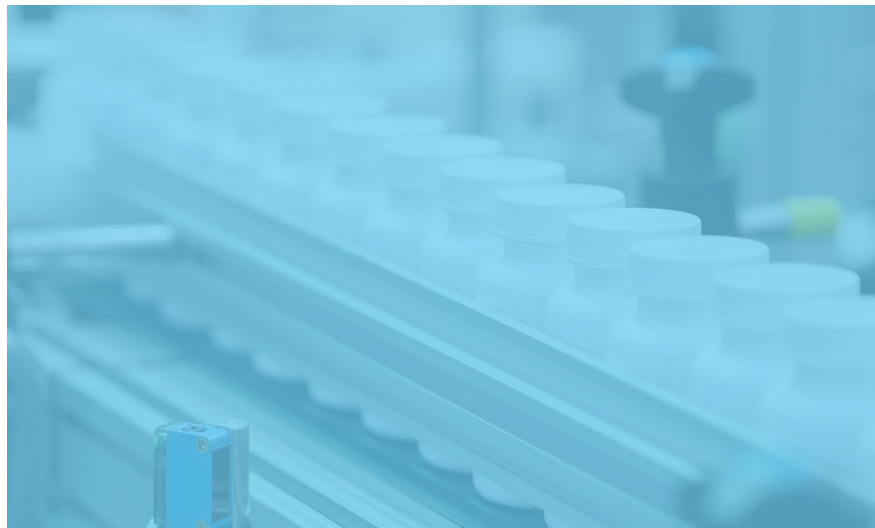
Also best for:

Pharmaceutical, Cosmetic and Chemical Machinery

Food Packaging Machinery // Conveyor and Transport Machinery



Double-Cascade Cylinder with Stroke Adjustment



Description:

Cylinder with double cascade and adjustable stroke.

Function:

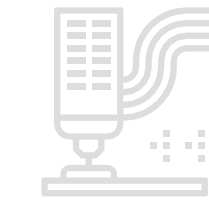
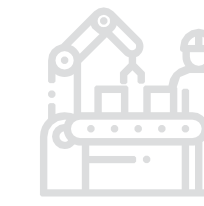
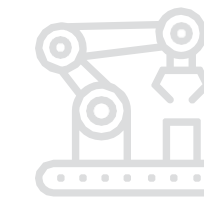
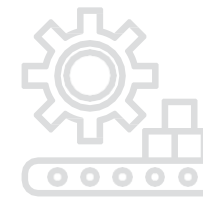
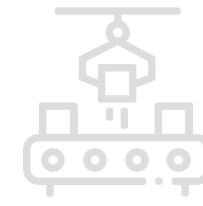
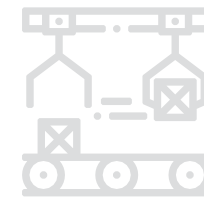
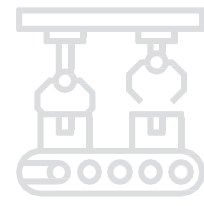
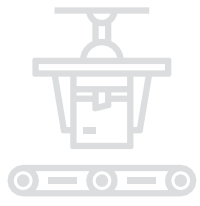
Specifically designed to prevent overspill of products during filling. Cascade cylinders fill with a slow first stroke and faster second stroke, preventing foaming of products (eg. shampoo), or damaging the integrity of products such as oil and buttermilk. Product amount can also be adjusted with stroke adjustment.

Industry/Area:

Pharmaceutical, Cosmetic and Chemical Machinery

Also best for:

Food Packaging Machinery // Food Process and Filling Machinery
Conveyor and Transport Machinery



Cylinder with drilled from the inside of the rod

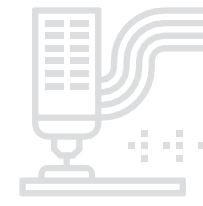
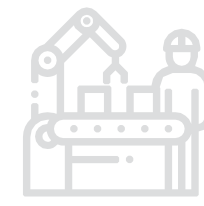
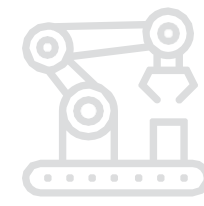
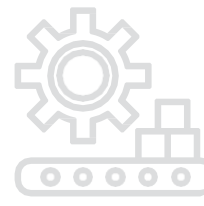
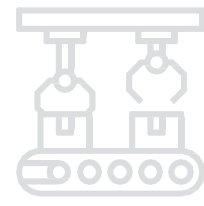
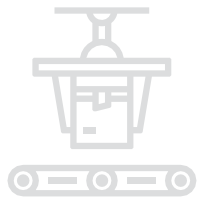


Description: More durable/thicker rod.

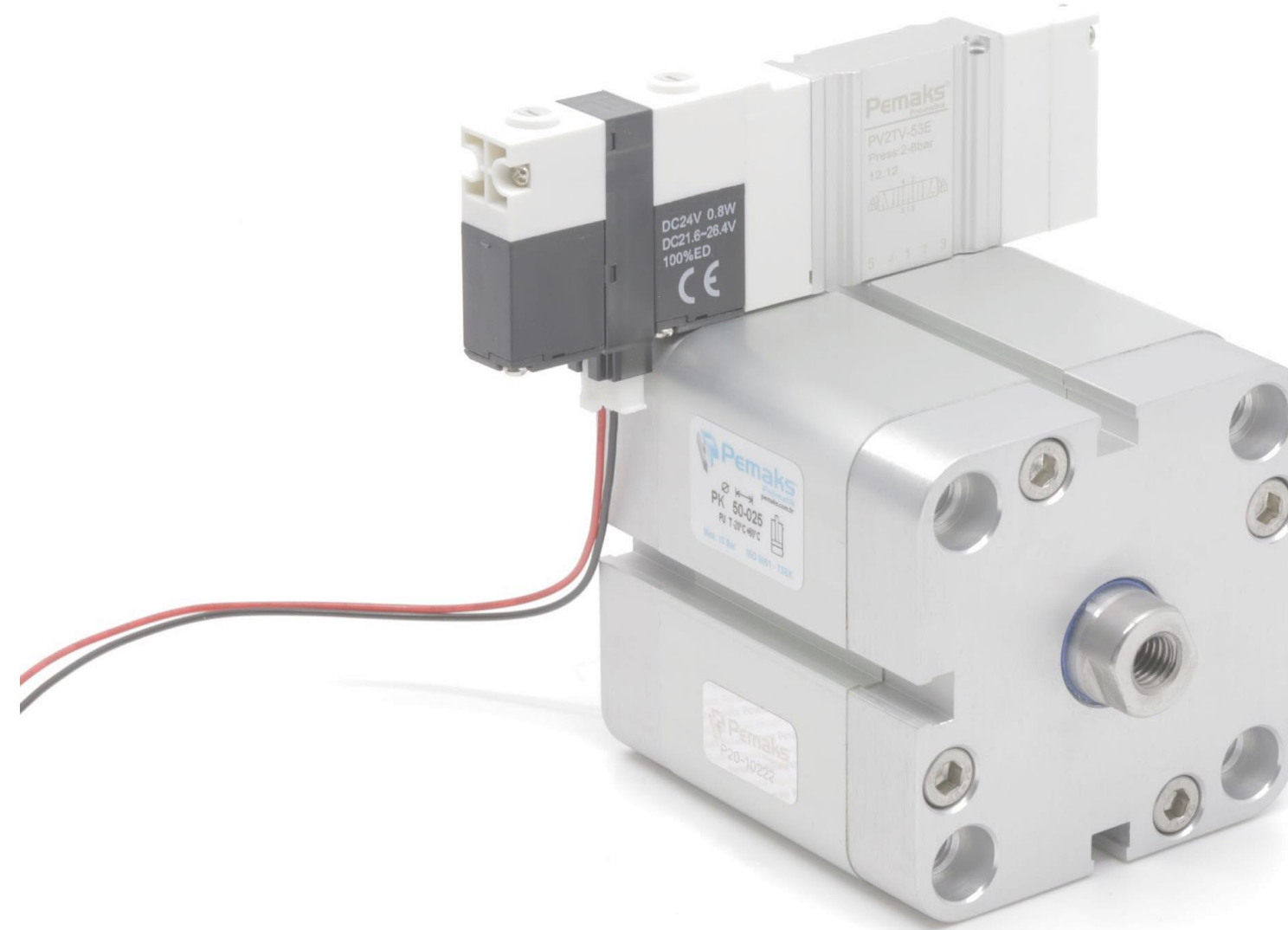
Function: Vacuum connection feature.

Industry/Area: Woodworking Machinery

Also best for: Food Packaging Machinery // Conveyor and Transport Machinery



Piston Ring Cylinder & Valve Combination



Description:

Faster movement and less air consumption.

Function:

The mount of the valve is on the cylinder body, providing faster movement with less air consumption.

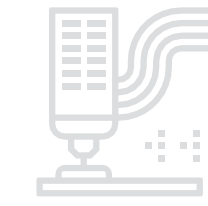
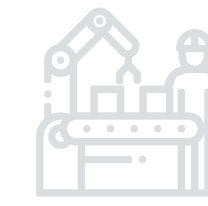
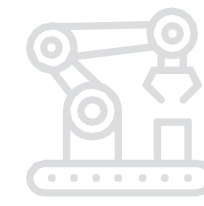
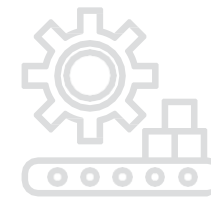
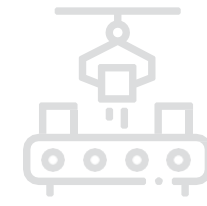
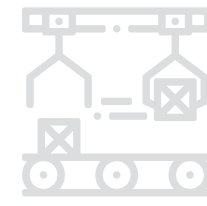
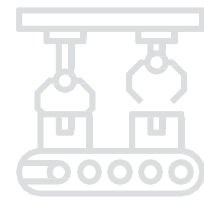
Industry/Area:

Textile Sewing Machinery

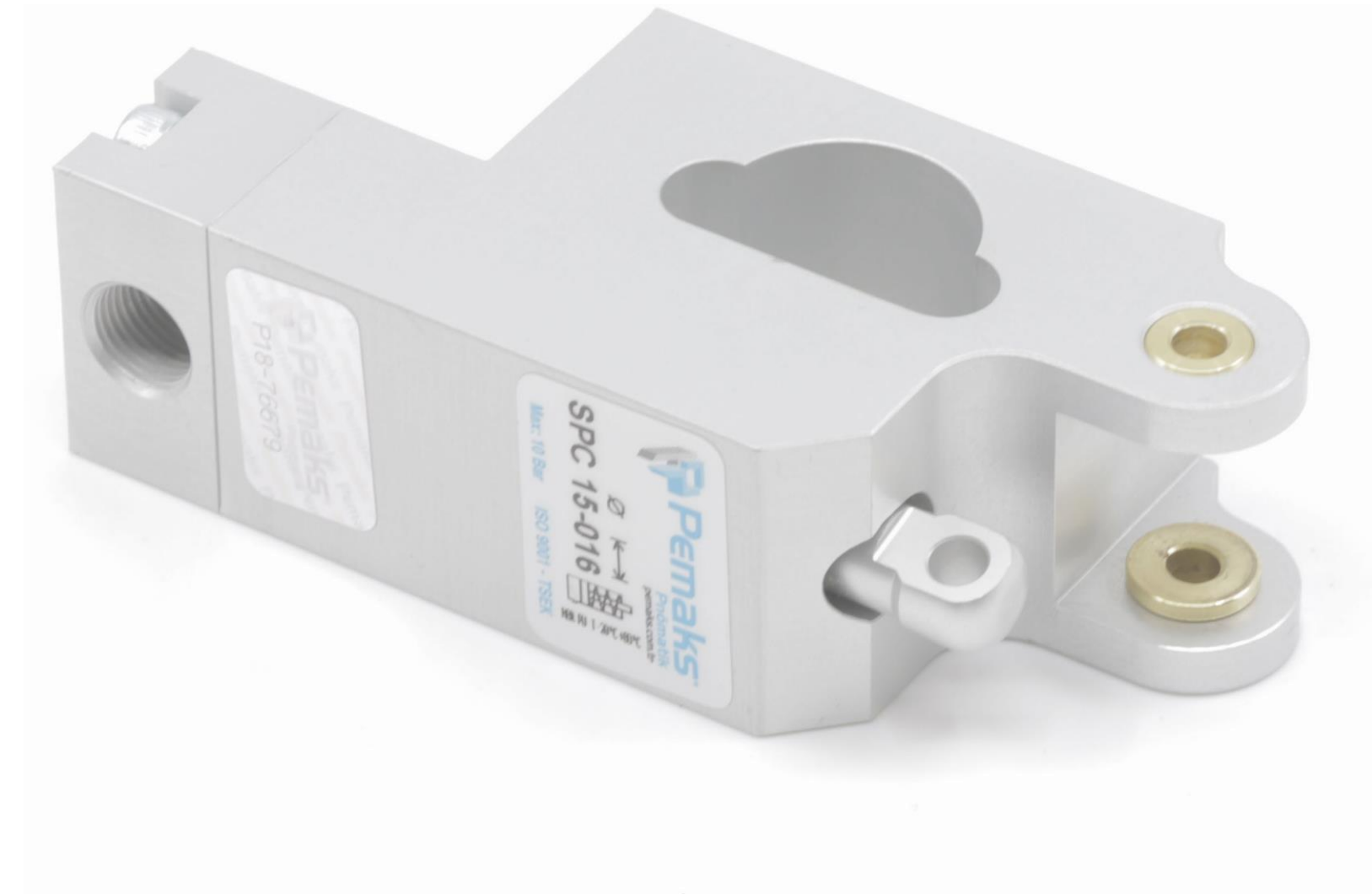
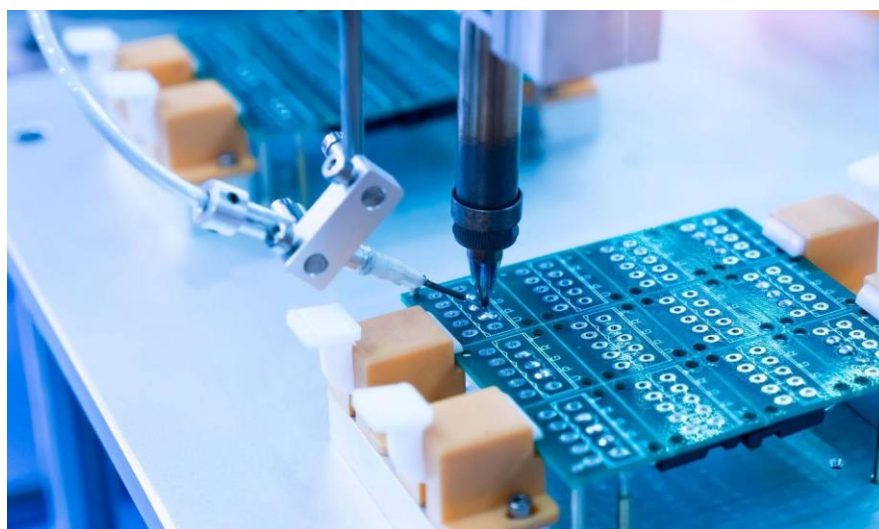
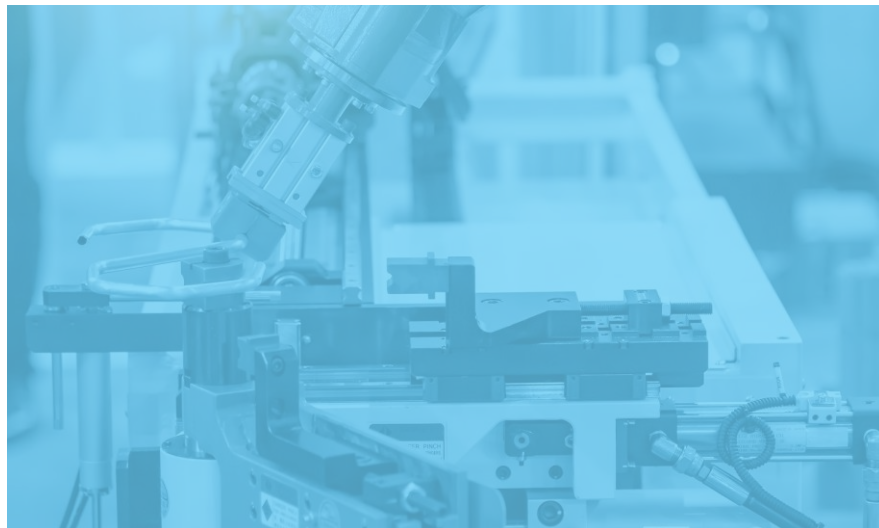
Also best for:

Food Packaging Machinery // Food Process and Filling Machinery

Conveyor and Transport Machinery



Clamp Cylinder with Profile Body



Description:

Complete solution for clamp automation.

Function:

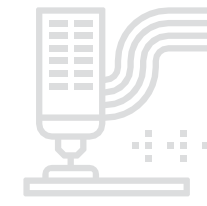
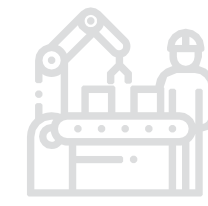
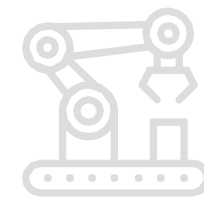
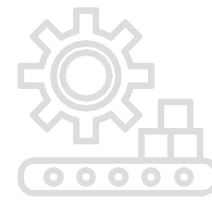
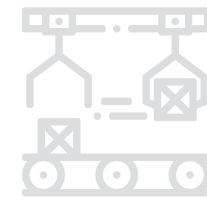
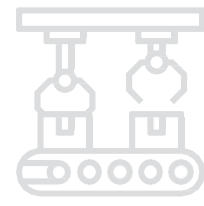
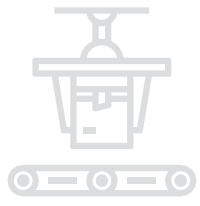
Custom-made body design specific to customer needs.

Industry/Area:

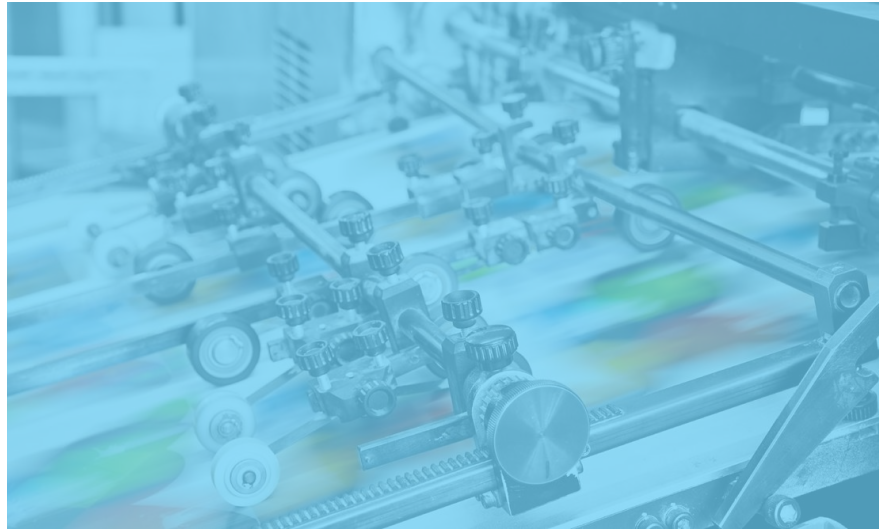
Custom Automation Machinery

Also best for:

Electrical and Electronic Industries



Triple Piston Cylinder



Description:

Three pistons in one body.

Function:

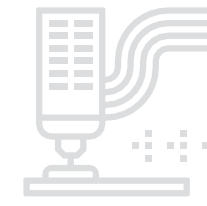
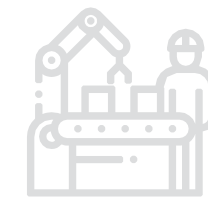
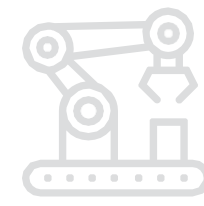
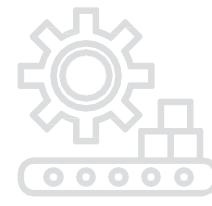
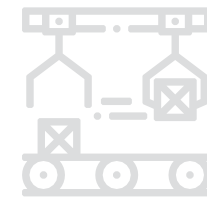
Three times the force is obtained, facilitating operations such as cutting and drilling with three pistons in a narrow area.

Industry/Area:

Paper, Plastic Process and Printing Machinery

Also best for:

Woodworking Machinery



Magnet Gripper



Description:

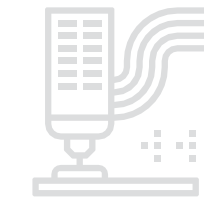
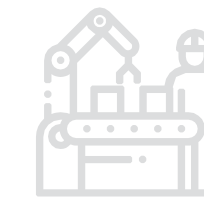
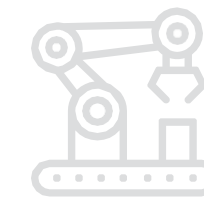
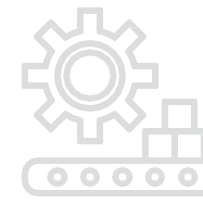
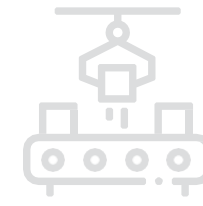
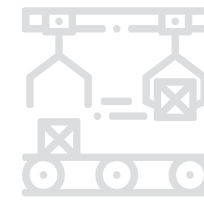
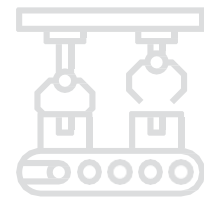
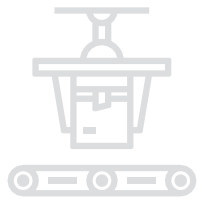
Air control of the magnet inside the body.

Function:

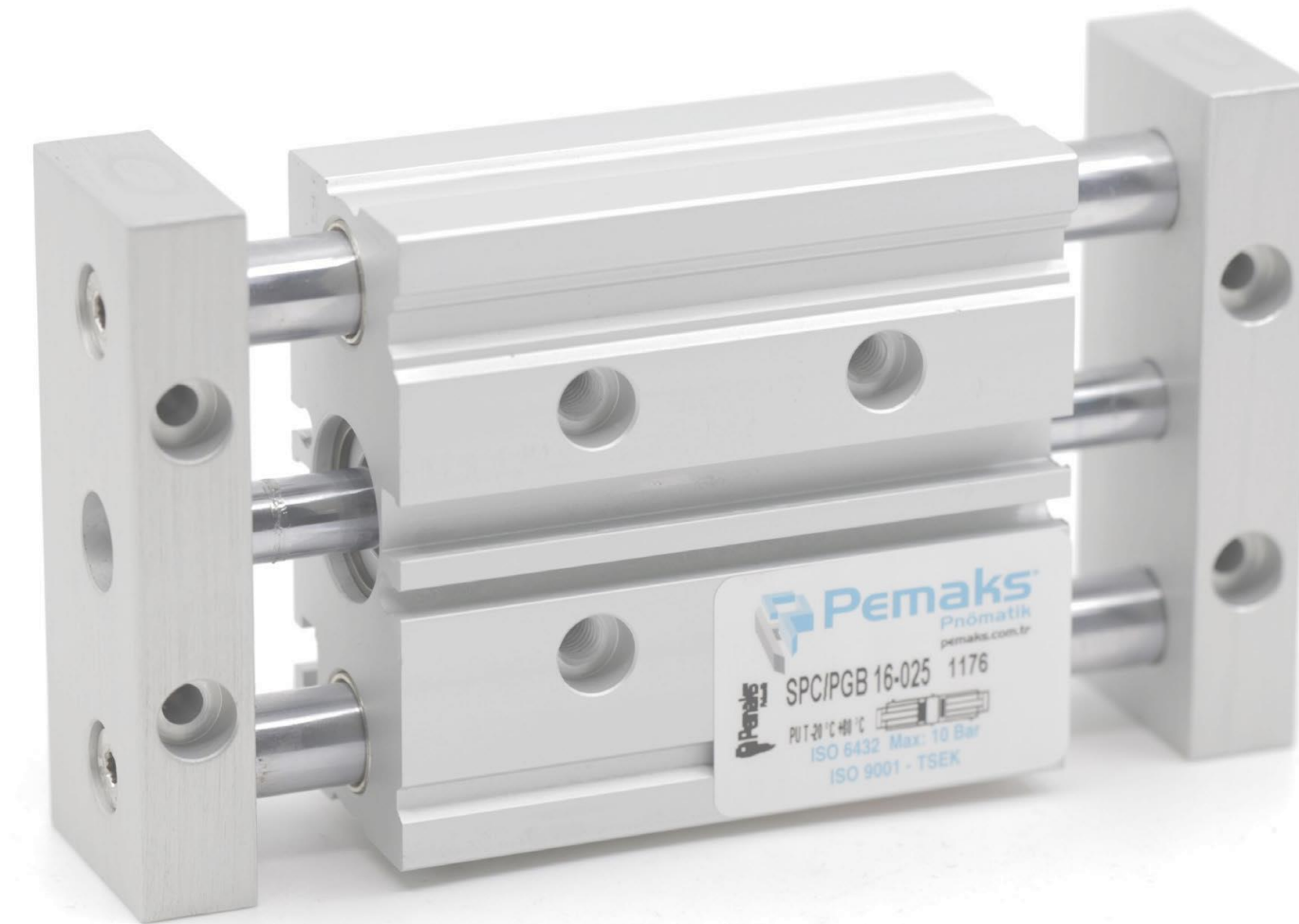
Air-controlled transport of metal and similar substances with the help of a magnet.

Industry/Area: Metal Industries

Also best for: White Goods Manufacturing Plants // Electrical and Electronic Industries



Heavy Duty Gripper Cylinder



Description:

Inclusion of strong guiding function in gripper.

Function:

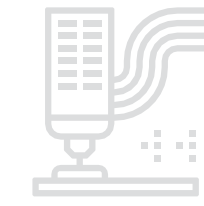
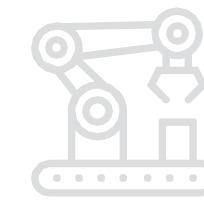
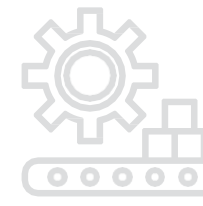
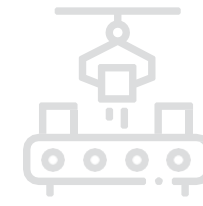
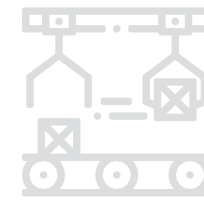
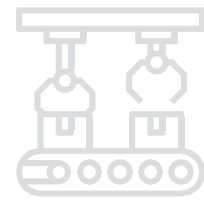
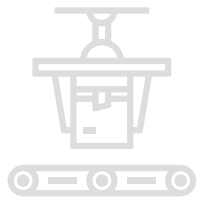
Precise transportation of heavy and large volume parts.

Industry/Area:

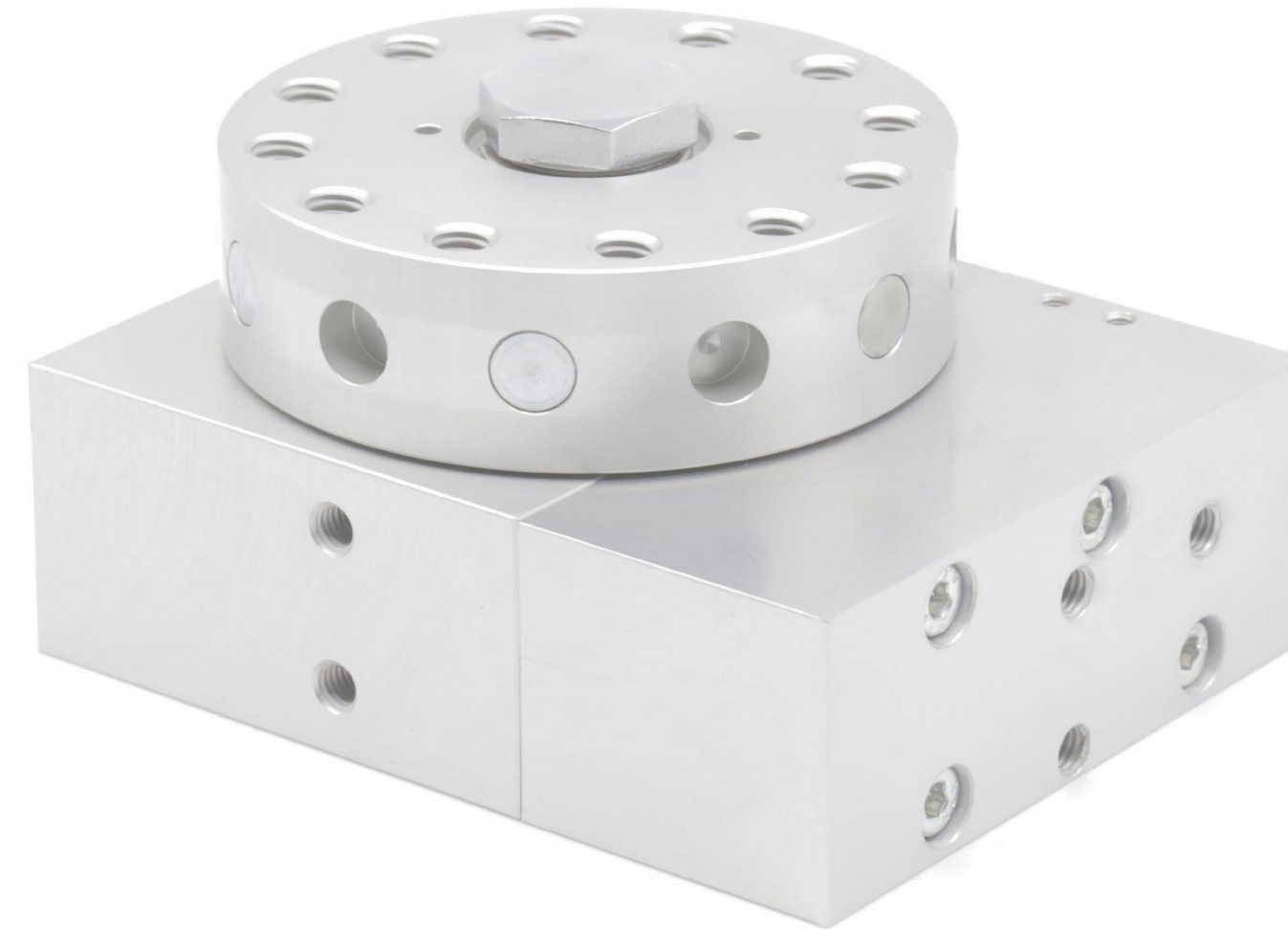
Battery Machinery

Also best for:

Metal Processing Machinery // Automotive and Subsidiary Industries



Rotary Station



Description:

Rotary positioning accuracy.

Function:

The cylinder ensures 30-45-90 degree rotation every time air is supplied.

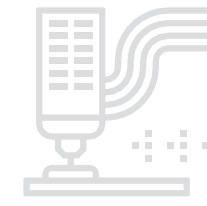
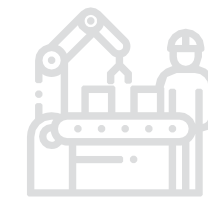
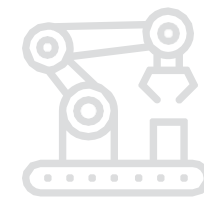
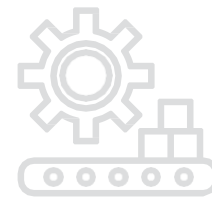
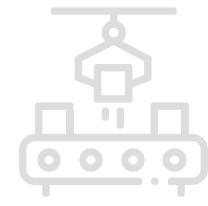
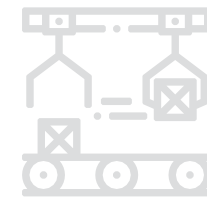
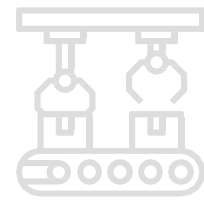
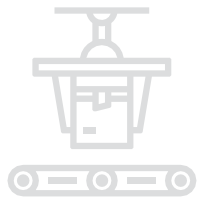
Industry/Area:

Custom Automation Machinery

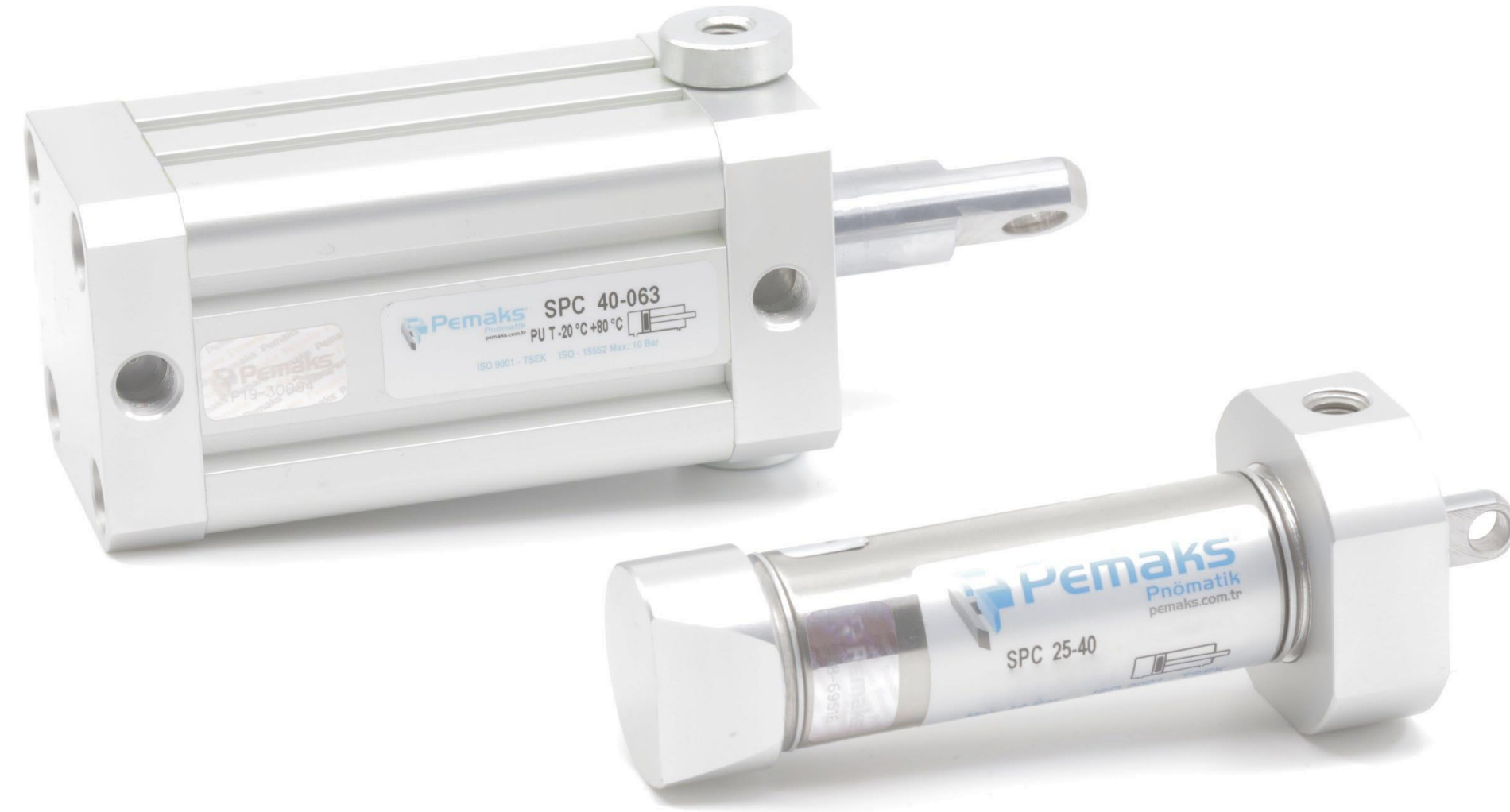
Also best for:

White Goods Manufacturing Plants

PVC & Aluminum Processing Machinery



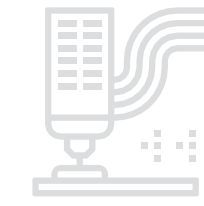
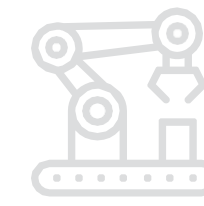
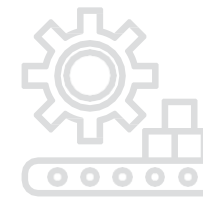
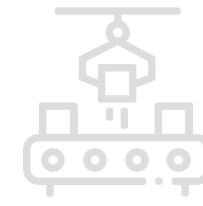
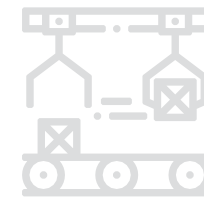
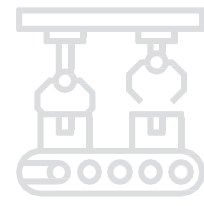
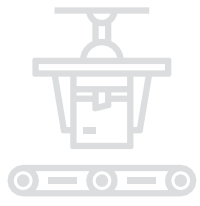
Clamp Cylinder



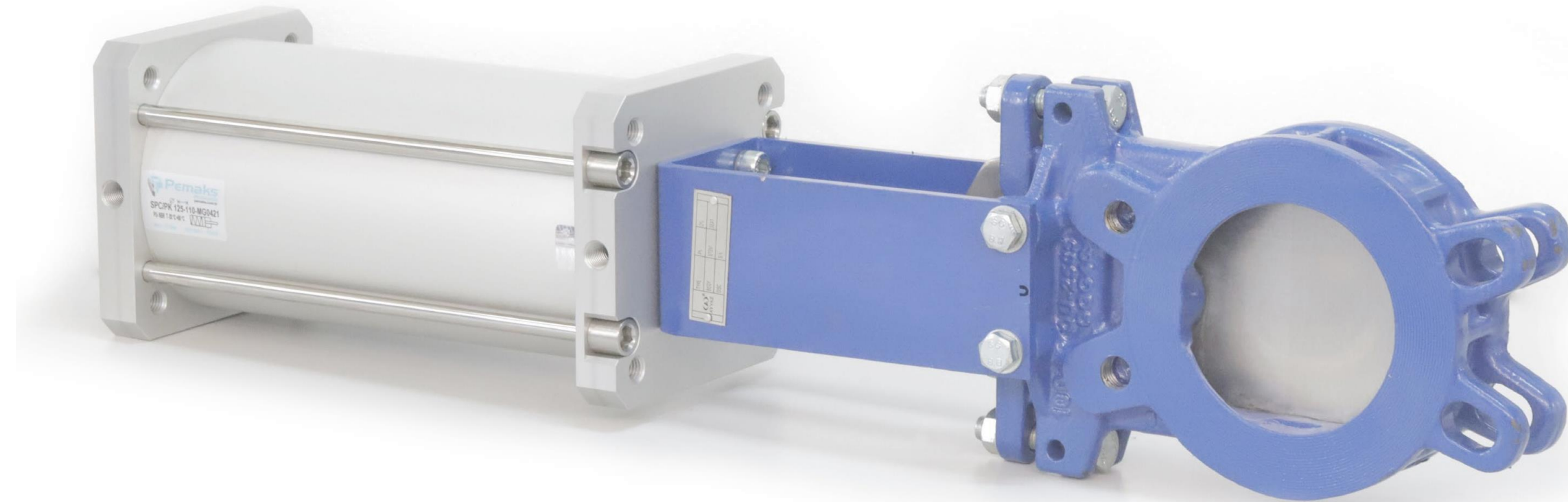
Description: Production of cylinders in special sizes for clamp manufacturers.

Function: Clamp movement is provided by the special structure of the cylinder.

Industry/Area: Clamp Cylinder Production Industry



Ball Valve with Spring



Description:

Spring application for large diameter cylinders (160-200-250mm).

Function:

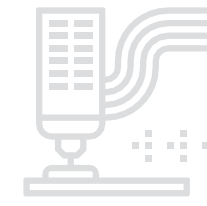
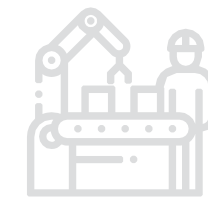
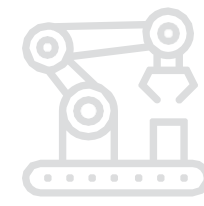
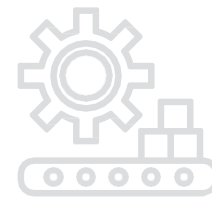
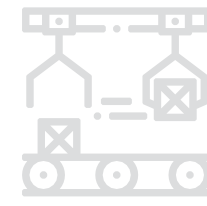
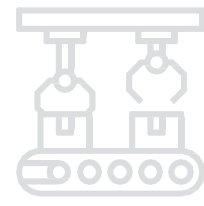
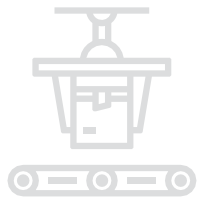
Allows the ball valve to remain open or closed in case of air interruption, using a spring application in the front or rear part of the cylinder.

Industry/Area:

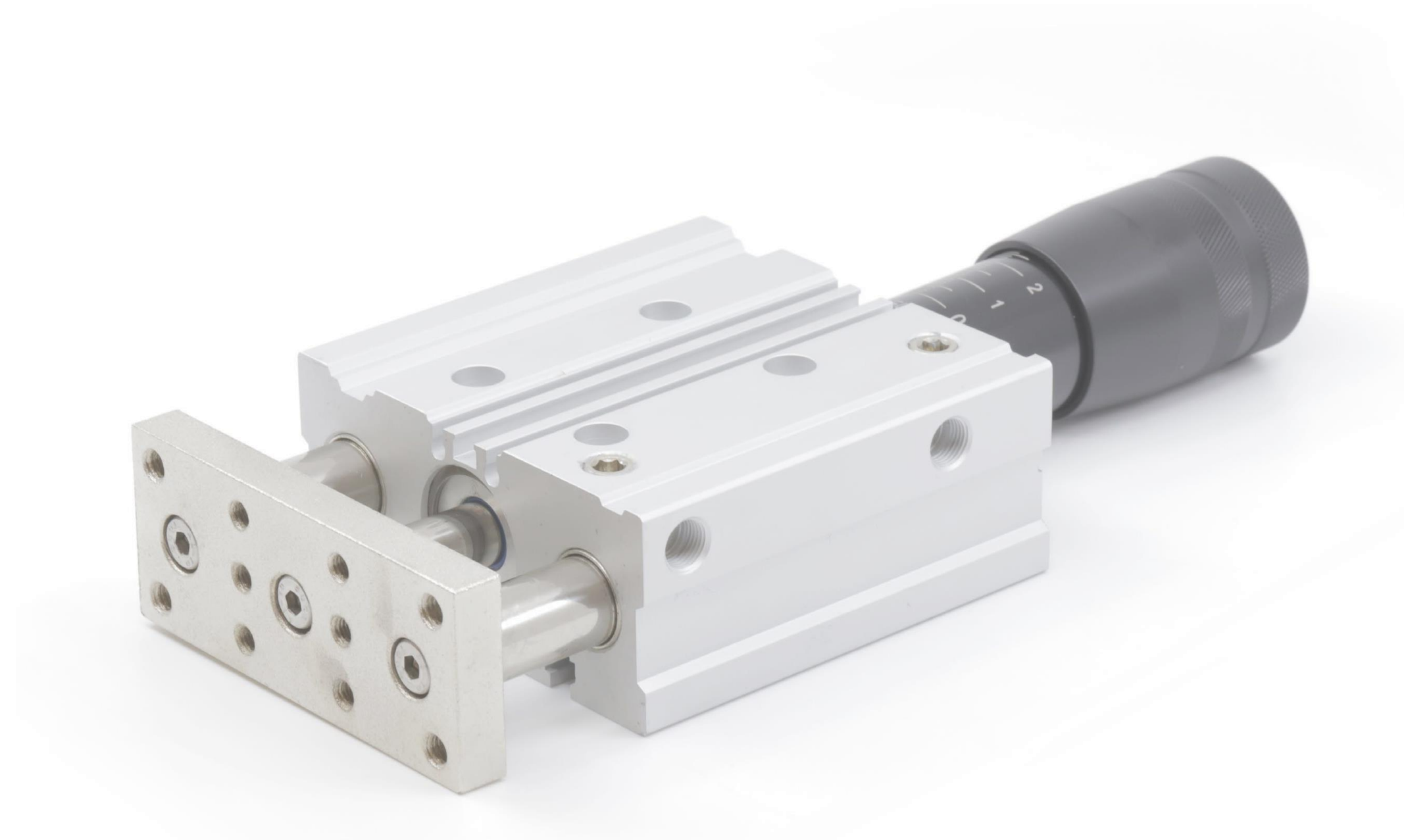
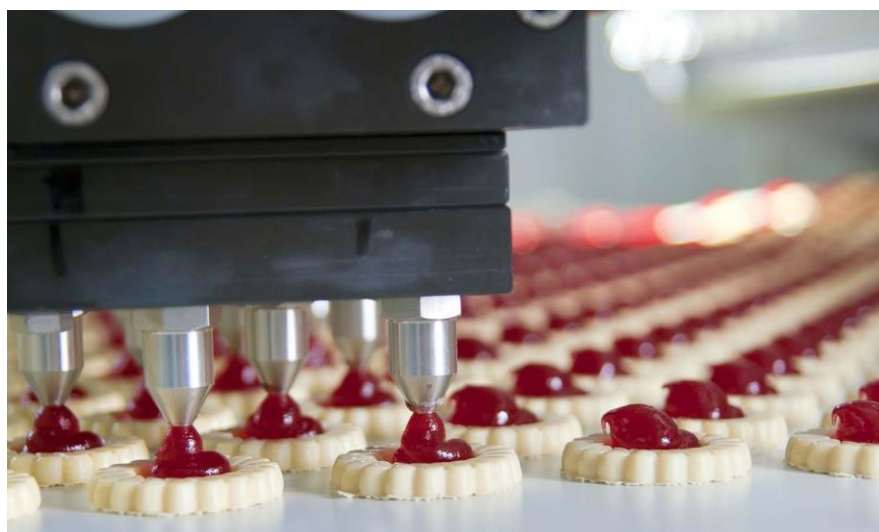
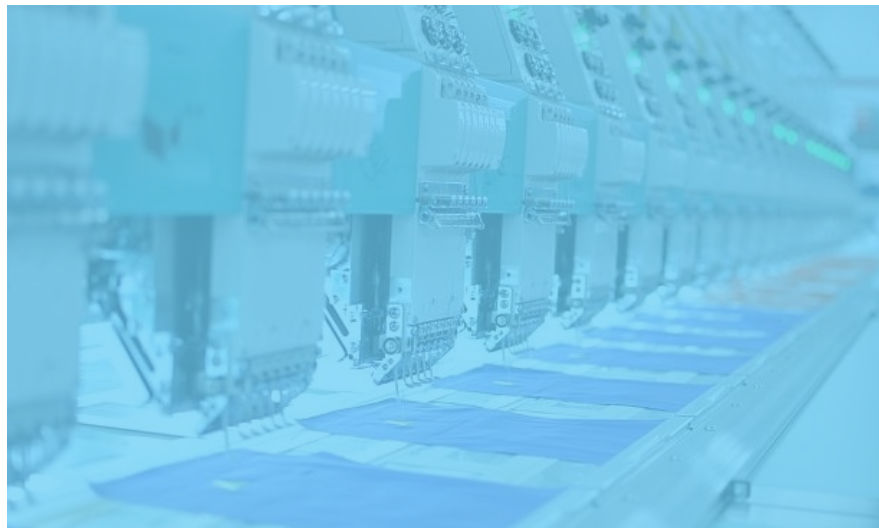
Food Process and Filling Machinery

Also best for:

Oil and Gas Industry // Fluid Process Systems



Non Rotating (Twin Bed) Cylinder with Adjustable Stroke



Description:

Guiding and safe stroke adjustment.

Function:

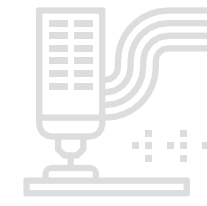
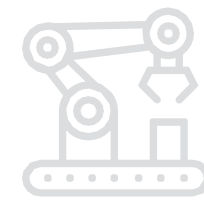
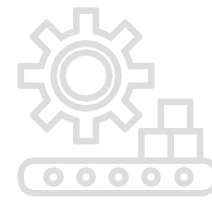
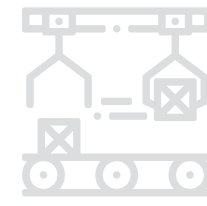
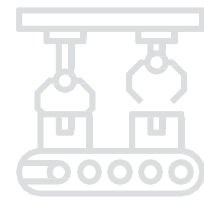
Dosing application, belt width adjustment, printing adjustment.

Industry/Area:

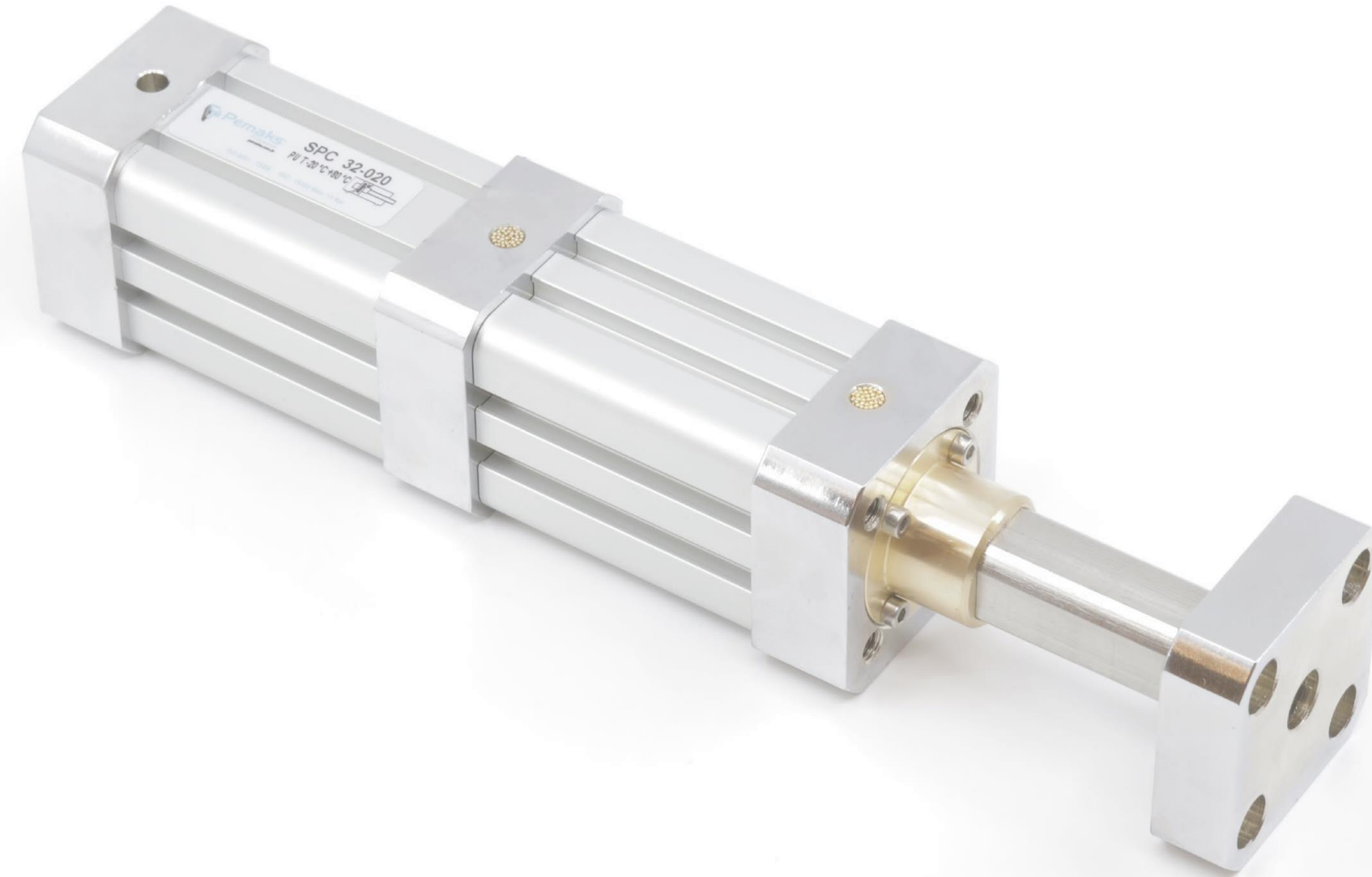
Textile Sewing Machinery

Also best for:

Food Packaging Machinery // Food Process and Filling Machinery
Conveyor and Transport Machinery



Non Rotating-Triple Tandem Cylinder with Wire Welding Application



Description:

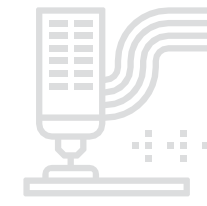
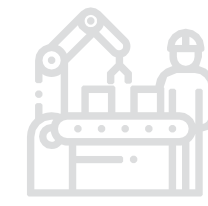
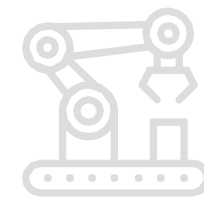
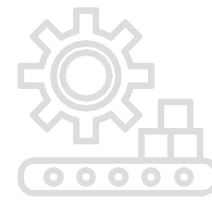
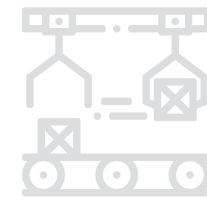
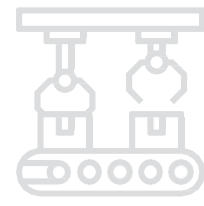
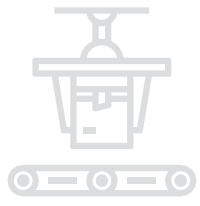
Precise positioning in welding applications.

Function:

In welding applications, ensuring the clarity of the welding point with the function of non-rotating rod, welding quality with the tandem function.

Industry/Area:

Metal Processing Machinery



Cushioning Application in Compact Cylinder



Description:

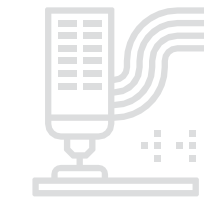
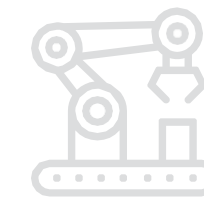
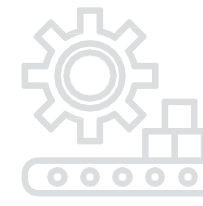
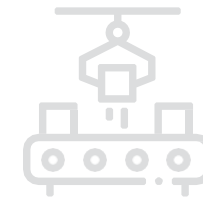
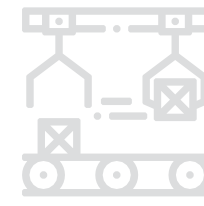
Precise posture with cushioning in the final position in compact size.

Function:

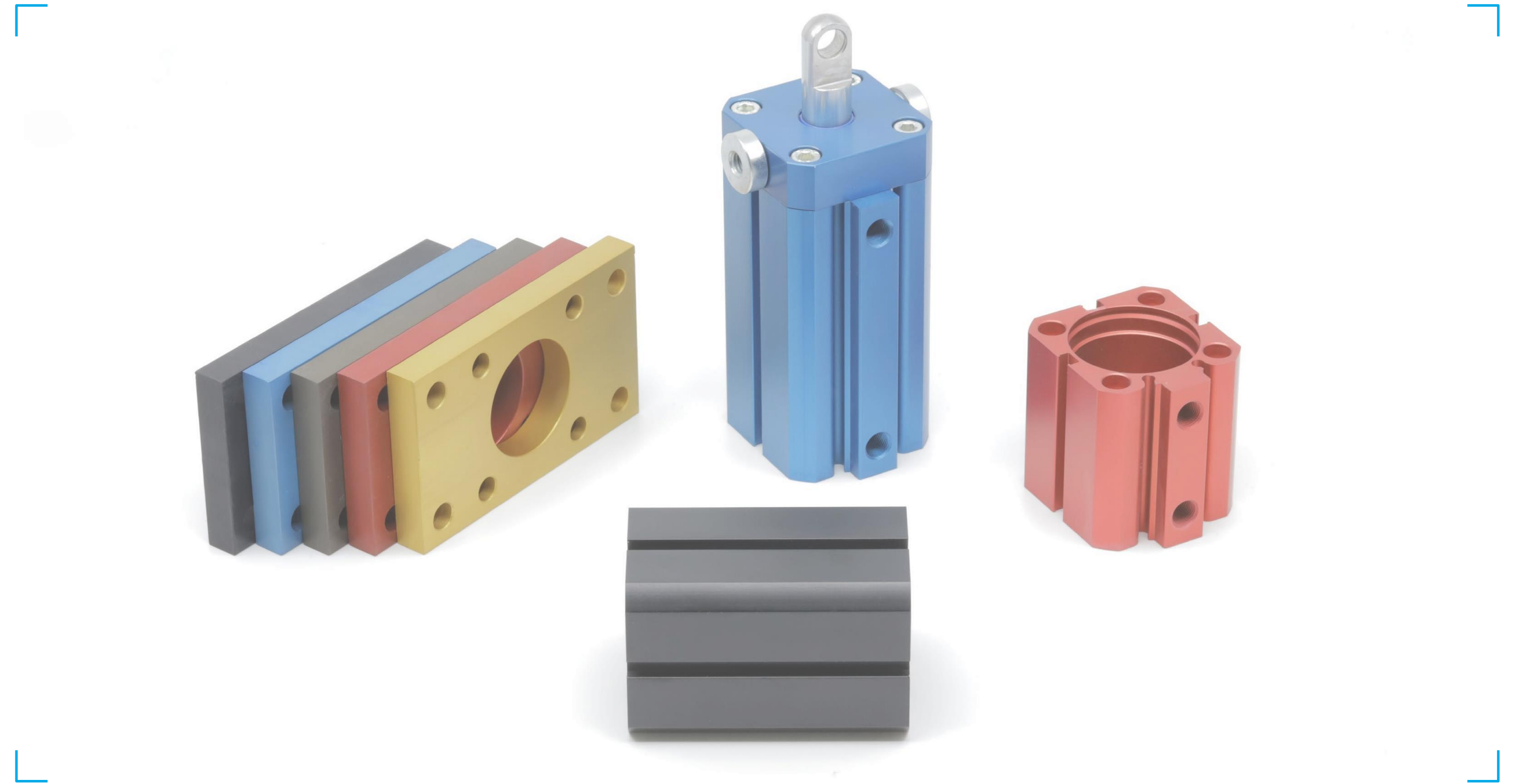
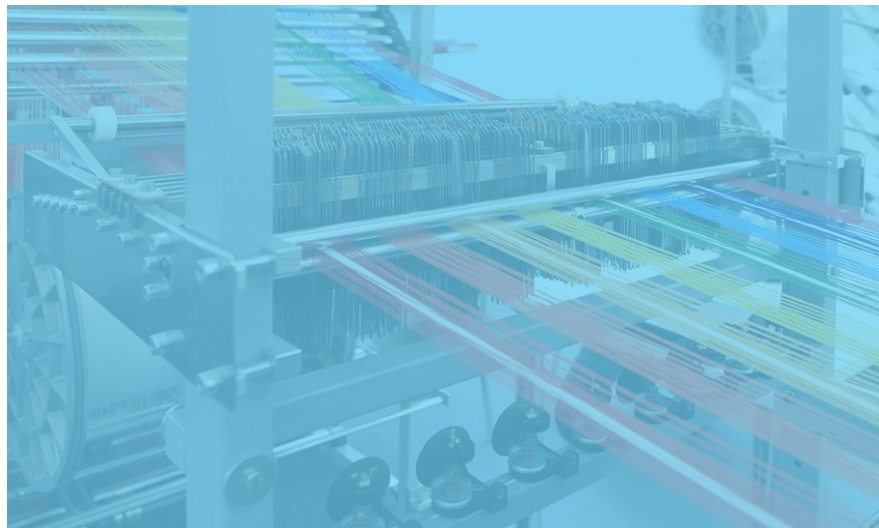
When the cylinder reaches the final position, it ensures precise and vibration-free posture.

Industry/Area: Textile Printing Machinery

Also best for: Paper & Plastic Printing Machinery



Different Color Applications



Description:

Various color options (depending on quantity)

Function:

Color options for profile tubes, caps and accessories as per customer's request.

Thank you for your time.

