

SPECIAL PRODUCTS

This section contains our increasingly wide range of special products.

Our strength consists of assisting the customer step by step at the design stage and the subsequent development of the desired product, always maintaining a direct exchange of information to facilitate and speed up the entire process.

These articles are used on all the equipment requiring the installation of parts with oversized or reduced dimensions, with high pressure hose pipes, remote flow regulators and much more besides.

Below is a list and a brief description of our main special articles.

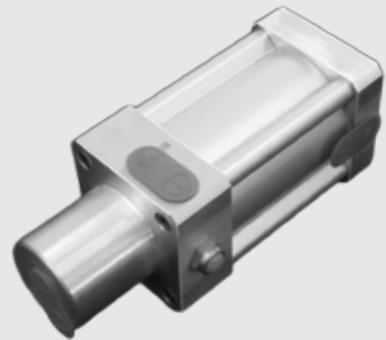
MULTIPLIERS

SPECIAL FEATURES:

- Pneumatic liner $\varnothing 63$.
- Pressure ratio 3:1
- Special seals for oil DOT 4

USE:

Fitted on a tool machine with a flywheel and hydraulic clamps. The pressure generated by the booster closes the clamps that stop flywheel rotation.

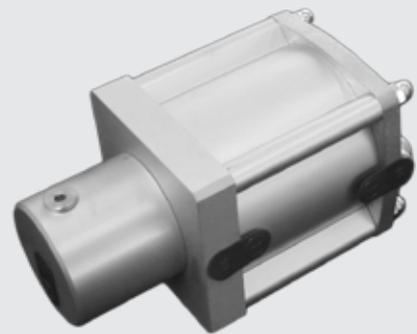


SPECIAL FEATURES:

- Air/water booster
- Pressure ratio 4:1
- Special seals for water

USE:

Used as a test instrument in boiler systems to detect any water leakage in the circuit.



SPECIAL FEATURES:

- Oil/oil booster
- Pressure ratio 16:1
- Special seals for high pressure

USE:

Used on equipment requiring high pressures with special layout.



SPECIAL FEATURES:

Increased stroke 200mm.
Increased oil volume

USE:

Thanks to its high oil flow rate, it can drive long-stroke cylinders requiring a higher volume of oil than the standard.


SPECIAL FEATURES:

Surface treatment of chemical nickel-plating.

USE:

Since it is used on equipment in contact with food, all the external parts are treated with a special process of chemical nickel-plating associated with dehydrogenation.


SPECIAL FEATURES:

Equipped a with a manifold.
Air ports on the opposite side compared to the standard side.

USE:

Supplied complete with a manifold to control several cylinders in a single supply.



PUMPS

SPECIAL FEATURES:

Special fittings

USE:

Supplied complete with special fittings to facilitate and speed up the installation on equipment.



MIXING NOZZLES

SPECIAL FEATURES:

Special G1/8 fitting

USE:

Thanks to the special G1/8 fitting, it can be fitted directly onto the machine to be lubricated.

We can make nozzles of different materials and with surface treatments on request.



EQUALIZERS

SPECIAL FEATURES:

Liner Ø40

Reduced layout

USE:

Thanks to its minimal layout, it offsets small amounts of oil.



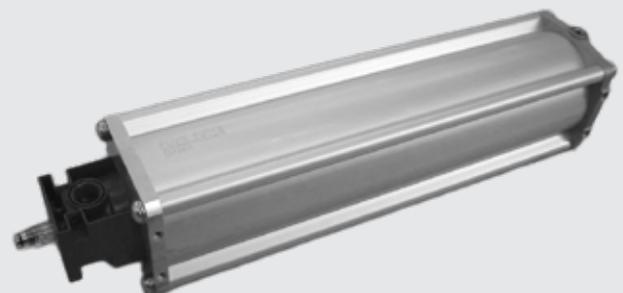
LUBRICATORS

SPECIAL FEATURES:

Oversized oil tank

USE:

This is a lubricator with micrometric regulation of lubrication, guaranteed connection at low flow rates and with an oil tank bigger than the standard.



CYLINDERS

SPECIAL FEATURES:

Liner inside Ø40
Stroke 40 mm

USE:

Mounted on agricultural machinery



SPECIAL FEATURES:

Special layout with a hole for oscillation.

USE:

The hole in the upper part of the liner facilitates the attachment and oscillation on a moulding machine. When the mould descends, the cylinder acts as a cushion and dampens the blow.



SPECIAL FEATURES:

Mechanical locking with Belleville springs

USE:

Used for thrust functions, these cylinders are ideal when a permanent, safe locking at a constant force is required for an indefinite time, without maintaining the connection under permanent pressure using control units or other means.



SPECIAL FEATURES:

Double-acting cylinder
Equipped with a regulator for descent

USE:

A double-acting cylinder mounted on a press can regulate the piston rod stroke by means of a retainer so as to ensure constant operation.



SPECIAL FEATURES:

Double-acting cylinder
Short stroke

USE:

Mounted on machines cutting low-thickness sheet metal.

**SPECIAL FEATURES:**

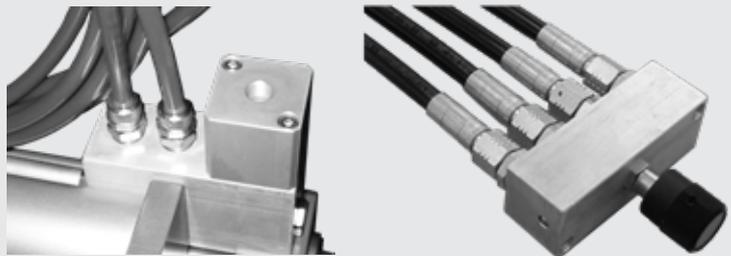
Vertical regulation
Side loading valve

USE:

Due to a problem of layout, the rear part of the brake must not have protrusions, so both regulation and filling operations are made laterally.

**REGULATION**

- Remote regulation with Rilsan tubes and Tognella regulators;
- Remote regulation with high-pressure R7 / R1 tubes and Tognella regulators;
- Single-turn and multi-turn regulation

**SPECIAL FEATURES:**

2 brakes with one regulation
Remote regulation unit with high-pressure pipes

USE:

Mounted on a large diameter cylinder, they are used as a guide for simultaneous descent.

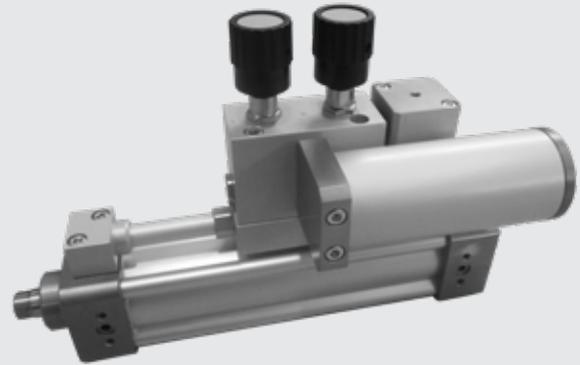


SPECIAL FEATURES:

Tank rotated by 180°
Special regulators

USE:

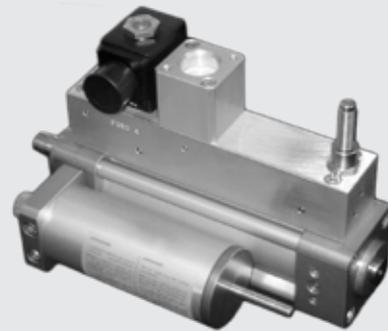
Being subjected to continuous, constant manual regulation, it requires easy-to-handle and accessible grips.


SPECIAL FEATURES:

Special valve unit complete with vertical regulation, electric valve and manual release valve.

USE:

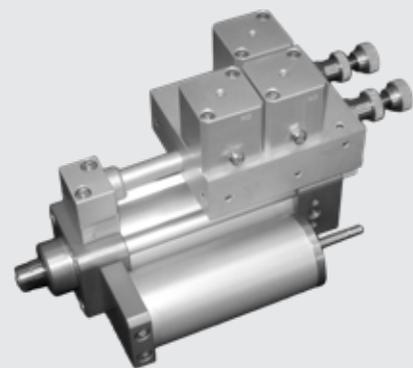
Mounted on safety locks, it requires an electric control of the valve and manual release in case of emergency.


SPECIAL FEATURES:

Double regulation in one direction.
Multiple regulation block with 3 valves.

USE:

It is mounted on a welding machine carrying out different machining. During the first cycle a quick-feed valve and a stop valve are used for a type of welding. During the second cycle the brake is required to stop only at the desired position and complete the other welding.


SPECIAL FEATURES:

Remote tank connected to a high-pressure pipe.

USE:

Mounted on woodworking machinery, it performs a high number of cycles, which is why it causes oil overheating. With the tank placed at a certain distance, this problem can be avoided.

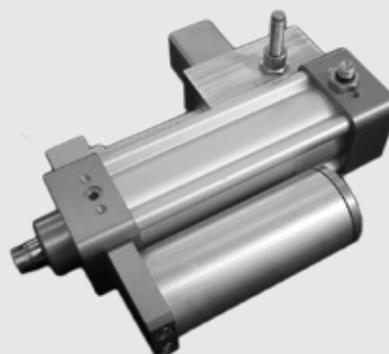


SPECIAL FEATURES:

Side regulation needle without knob
Side loading valve

USE:

For overall dimension problems, it is provided without the regulation knob.



SPECIAL FEATURES:

Remote regulation with high-pressure pipes
Multi-turn regulator
Dual electric acceleration-stop valve
Customised special heads

USE:

Mounted on saws and cutters. Regulation should be positioned on a control panel distant from the brake.



SPECIAL FEATURES:

Remote regulation with Rilsan pipes
Tognella regulator

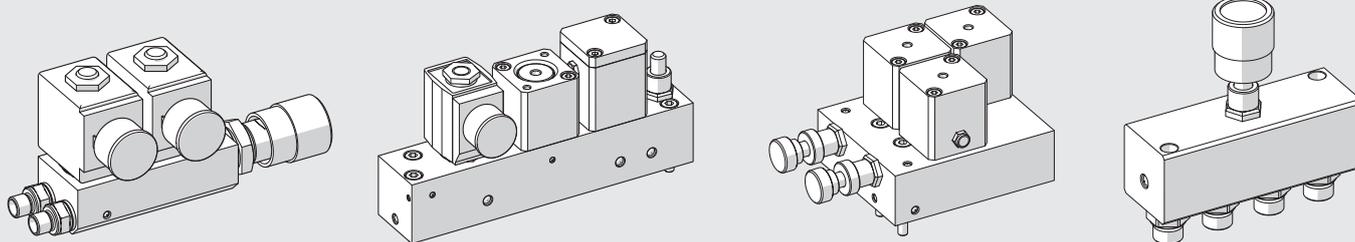
USE:

Grinding machines equipped with low-pressure cylinders (max force generated 120 kg). For this reason, the remote Tognella regulator is connected by Rilsan pipes.

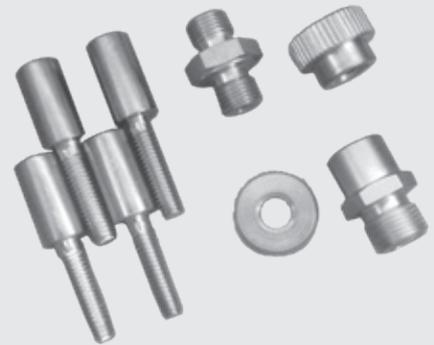


CONTROL

- Special blocks of valves according to drawing;
- Blocks for electric valves;

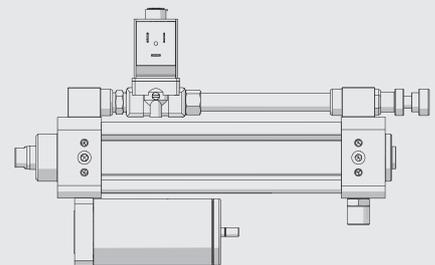
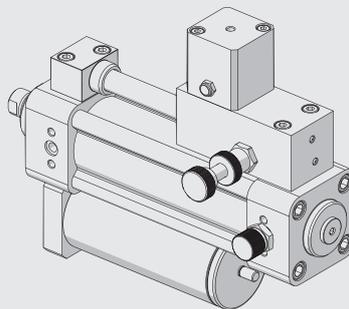
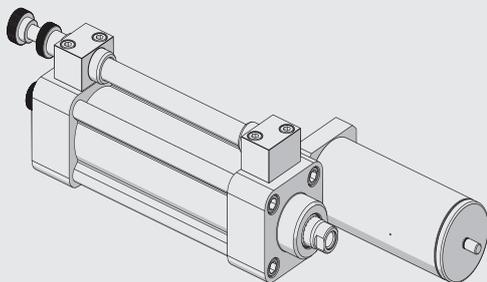
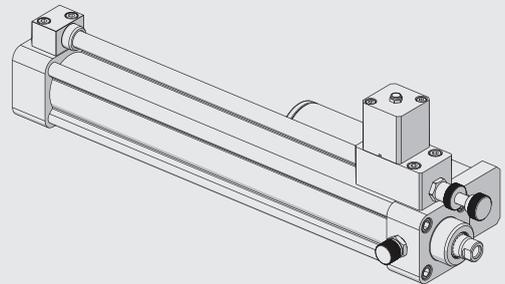


- FKM / FPM gaskets;
- High temperature gaskets,
- Surface treatment of chemical nickel plating with stainless steel rod (for food uses)



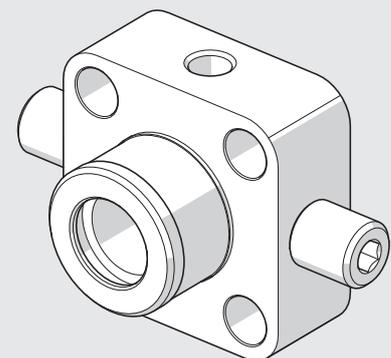
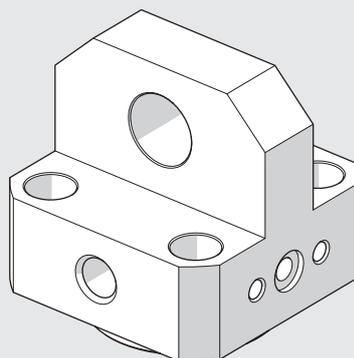
POSITION

- Chance to move the tank, regulation and loading valve in the most comfortable position for the use during processing;



HEADS

- Special heads with integrated hinge;
- Special heads with integrated pins.



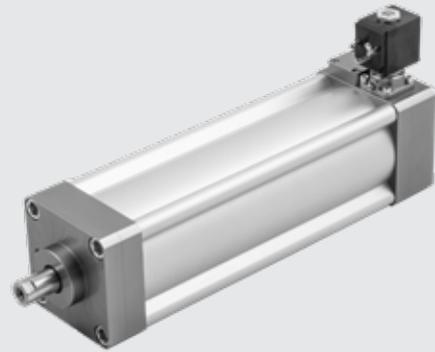
VERTICAL HYDROPNEUMATIC UNIT

SPECIAL FEATURES:

Air/oil vertical automatic hydropneumatic unit with upward rod.
Thrust Bore $\varnothing 80$
Strokes on request

USE:

Equipped with 1 or 2 solenoid valves which control the speed or the stop of the rod in any required position.



STRUCTURES AND PROCESSINGS

We have the chance to manufacture pinions and racks having special diameters and modules.

