

TECAIR

De Boeg 26
9206 BB Drachten
The Netherlands

Double acting cushioned (one side) cylinder bore 160 stroke 205 mm with a blockingcylinder for the stroke.

Materials:

Maincylinder: stainless steel 304.

Blockingcylinder: stainless steel tube and synthetic caps.

Temperature reach: -25° - $+80^{\circ}$ C

Function: **Dosage cylinder for the weighting of cheese.**

Application: **cheese processing industry.**

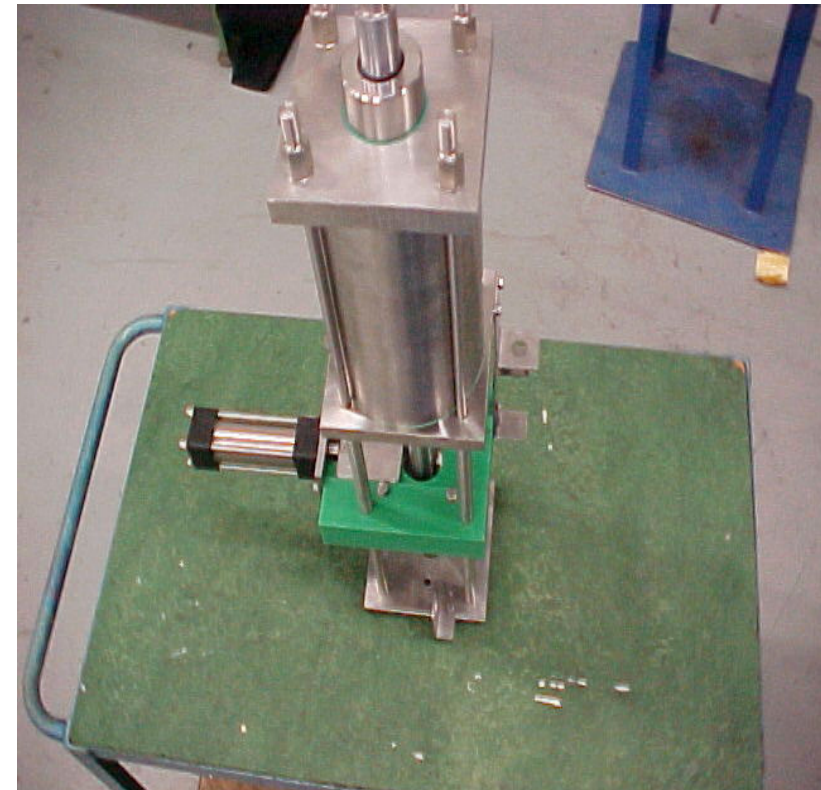
Remarks: **In the past this cylinder used to be aluminium coated.**



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Double acting uncushioned cylinder with integrated 5/2 main valve and two 3/2 pincontrolled valves.

Materials: **Aluminium black anodised.**

Temperature reach : **-25°-+80 °C**

Function: **Bore cleaner.**

Application: **Defense.**

Remarks: **The borecleaners are available from bore 50-63-80-100 to 125 mm.**

Only one airconnection is needed.



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**Double acting uncushioned cylinder
bore 10 stroke 500 mm.**

Materials:

Cylindertube: stainless steel 304

Caps: Aluminium

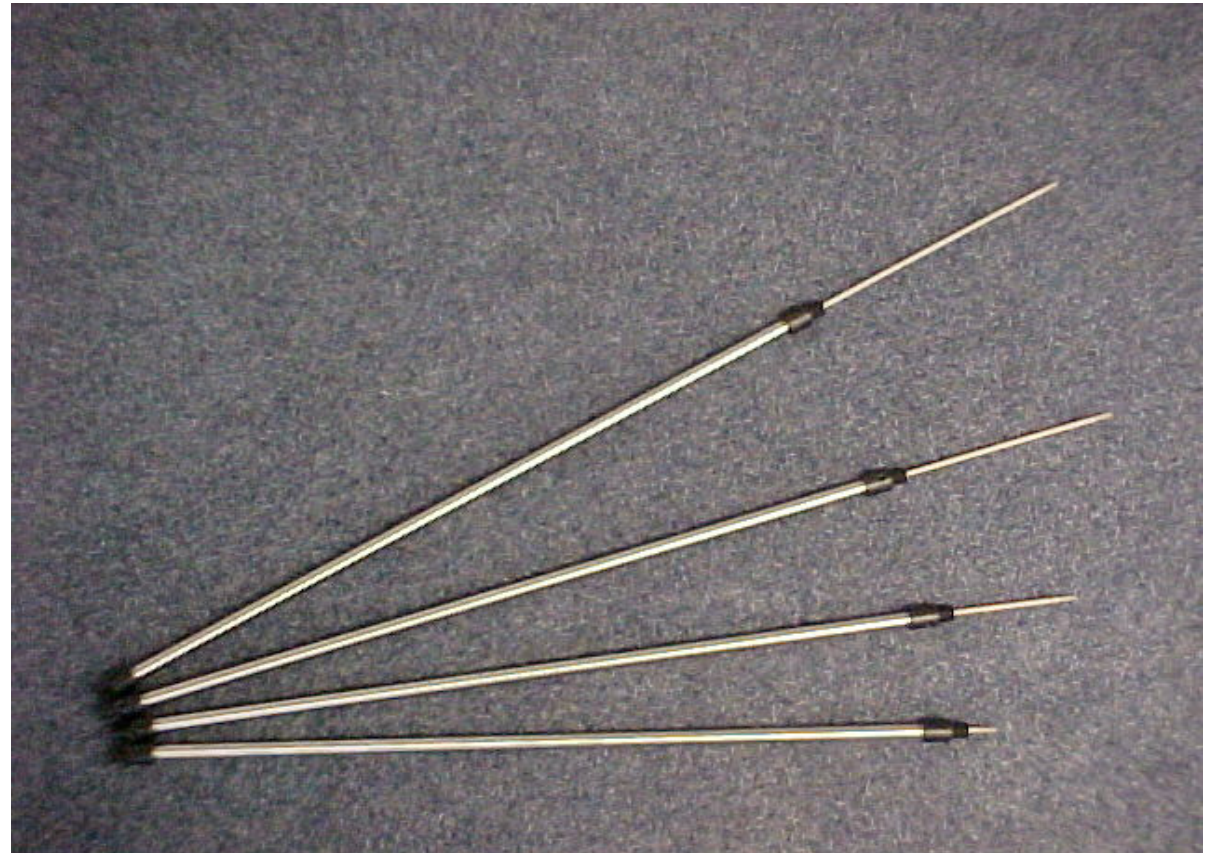
Pistonrod: synthetic (PEEK)

Temperature reach: **-25°-+80 °C**

Function: **Used on machines to
shoot spokes into bicycle wheels.**

Application: **Bicycle trading industry**

Remarks: **pistonrod was designed
synthetic to achieve a mass with a
low speed.**



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**Double acting uncushioned cylinder
bore 125 stroke 150 mm.**

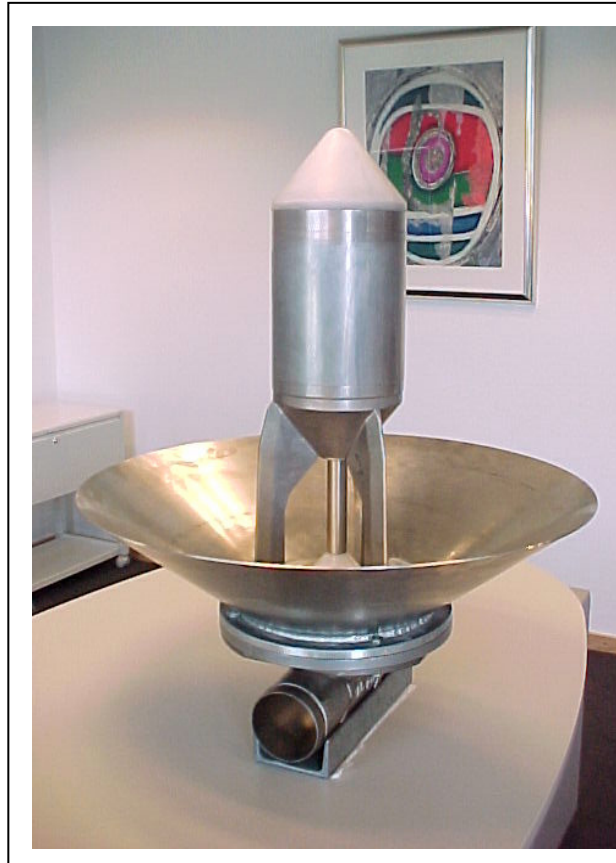
Materials:
Plain aluminium with synthetic cap.

Temperature reach: **-25°+80 °C**

Function: **closing unit for Silo-
compartments.**

Application: **Transport trucks for
animalfood.**

Remarks: **Cylindertube is machined
to achieve a very smooth surface
after assembling. The airtubes are
integrated in the cylindersupports
and run from the outside of the
compartments to the cylinder.**



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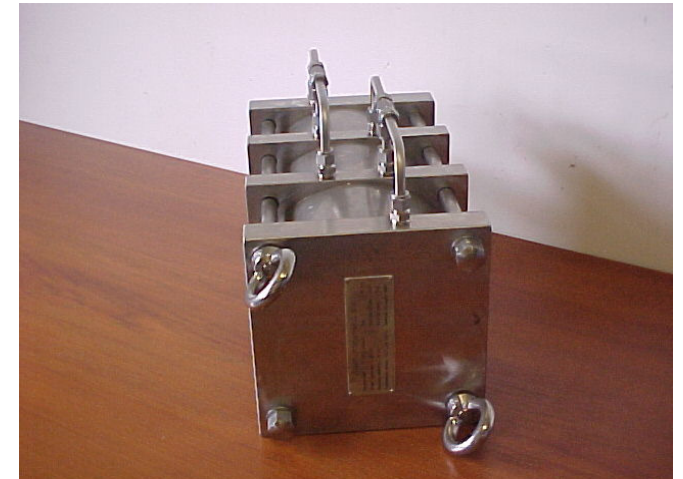
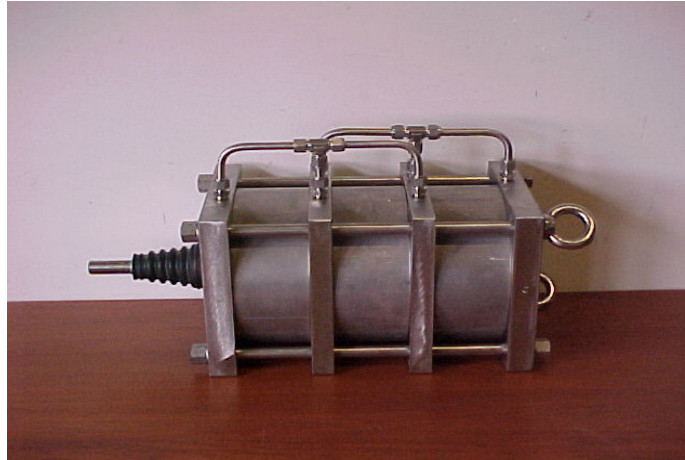
Double acting uncushioned cylinder bore 200 stroke 45 mm with a triple piston.

Materials: Stainless steel 316 Ti

Temperature reach: -35°+80°

Functie: Cylinder for closing a valve.

Application: Petrochemical industry.



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Switching Cylinder bore 110 for permanent magnetic railbrakes.

Materials: Hard anodised cylindertube with black anodised caps and stainless steel 304 pistonrod.

Temperature reach: -25° to $+80^{\circ}$

Function: the 2 cylinders per magnetic brake unit lower the inside magnets to cause a magnetic field between the brake unit and the rails.

Application: Dutch Railways.

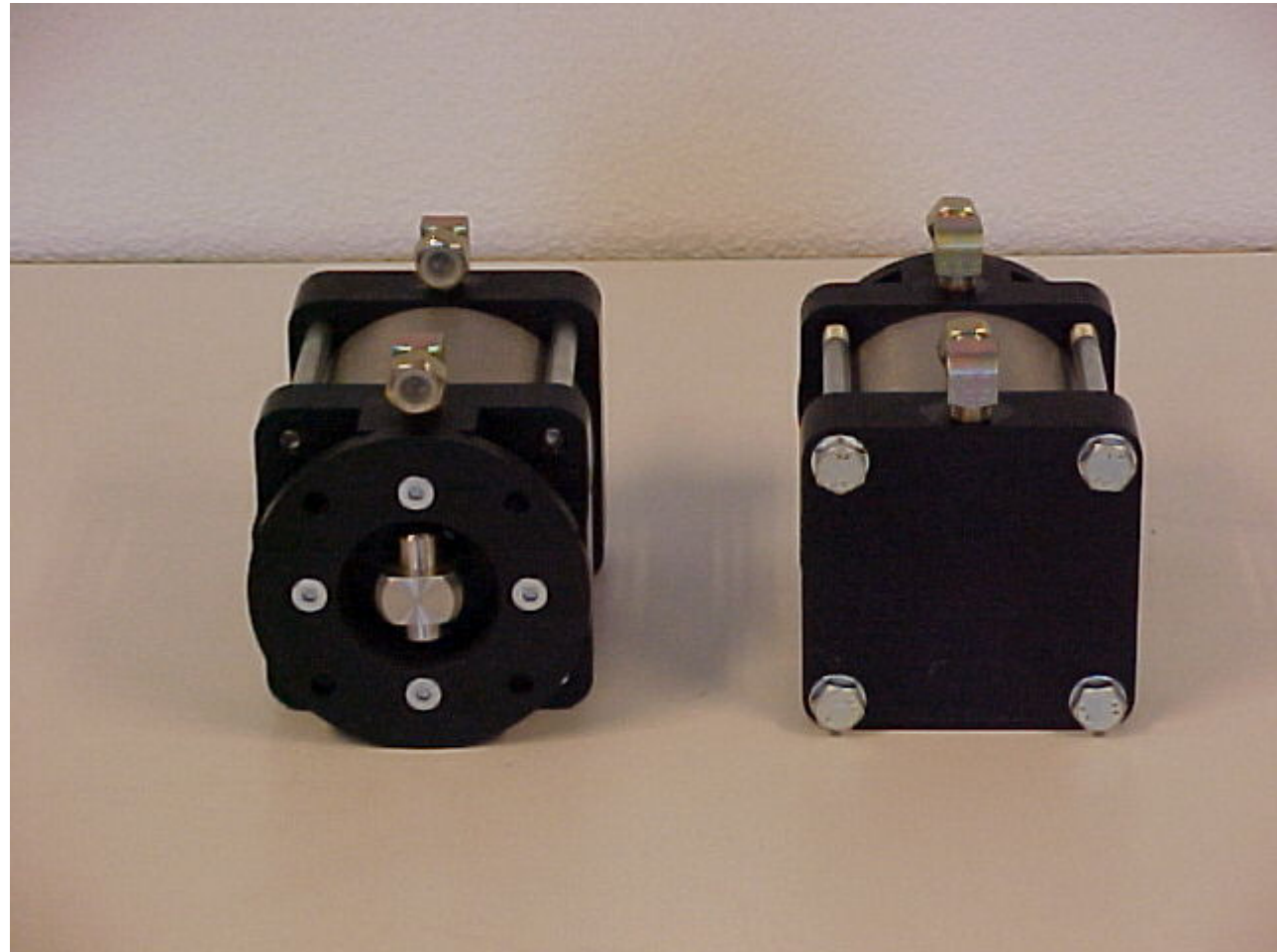
Remarks: Frontcap is also the mounting flange.



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Lifting cylinder bore 110
springreturn for permanent
magnetic railbrakes.

Materials: Hard anodised
cylindertube with black anodised
caps and stainless steel 304
pistonrod including mounting
plates.

temperature: -25°+80°

Function: Two lifting cylinders
per magnetic brake unit lower the
complete magnetic brake on the
rails.If the airpressure drops
below a certain level the
magnetic brake is lifted from the
rails by means of the
“springreturn” principle.

Application: Dutch railways



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TKES 20x stroke 50 springreturn(incl. electro pneumatic valve) cylinder.

Materials: Hard anodised aluminiumtube, black anodised caps.

Temperature reach: -25°-+80°

Function: locking cylinder for a gasoil fuel pump.

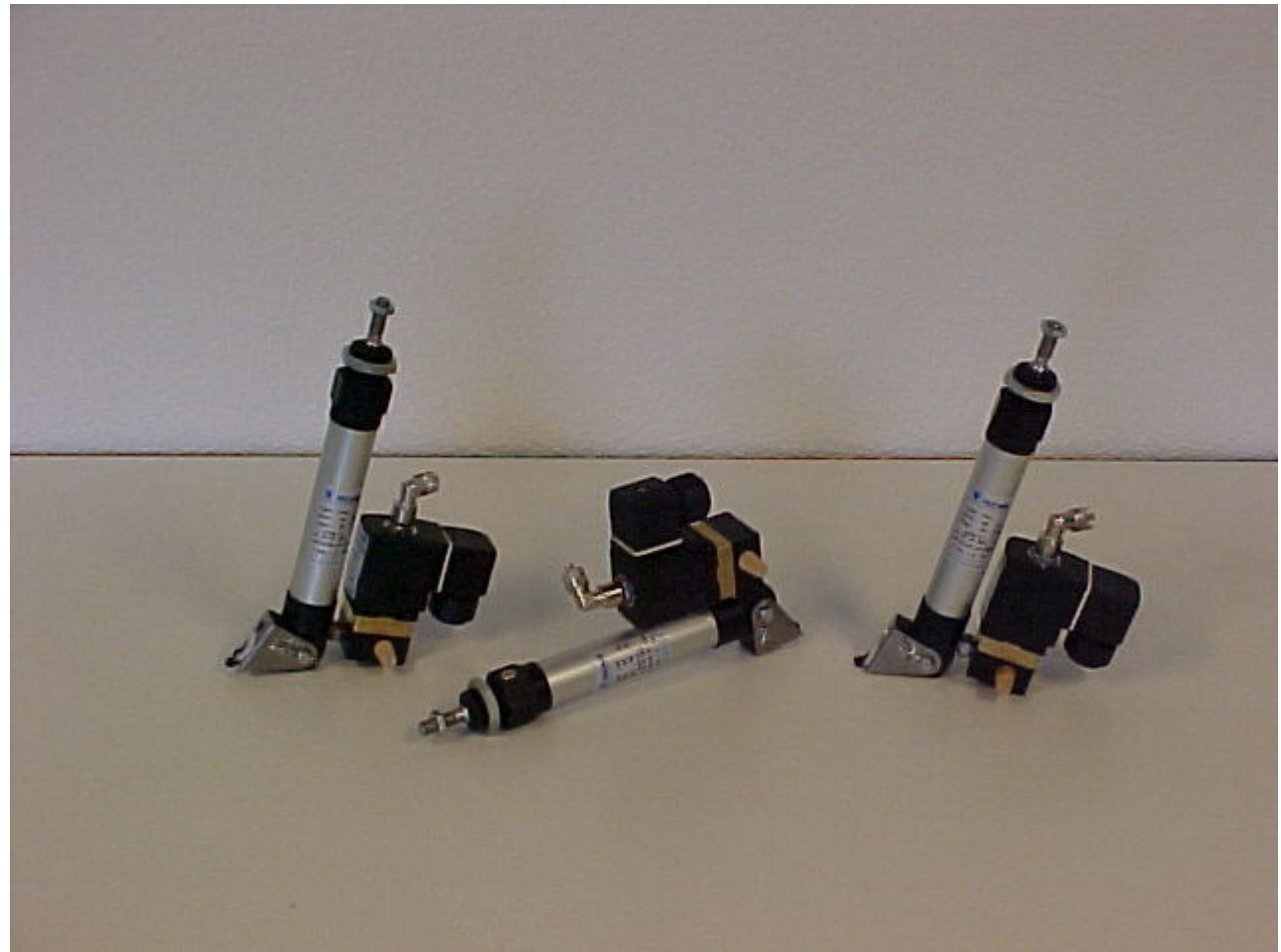
Application: Internal-cumbustion engines.



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TRS 80 Double acting
uncushioned round cylinder with
modified pistonrod.

Materials: Hard anodised
cylindertube with black anodised
caps and stainless steel 304
pistonrod.

Temperature reach: -25° to $+80^{\circ}$

Function: Closing unit for
fertilization tanks. Dimensions
4", 5", 6", 8".

Application: Agrarian industry
(fertilization).



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Tandem cylinder Ø40 stroke 25
and 160 mm.

Materials: Synthetic with
stainless steel nuts, washers,
connecting rods and pistonrod

Temperature reach: -25°+80°

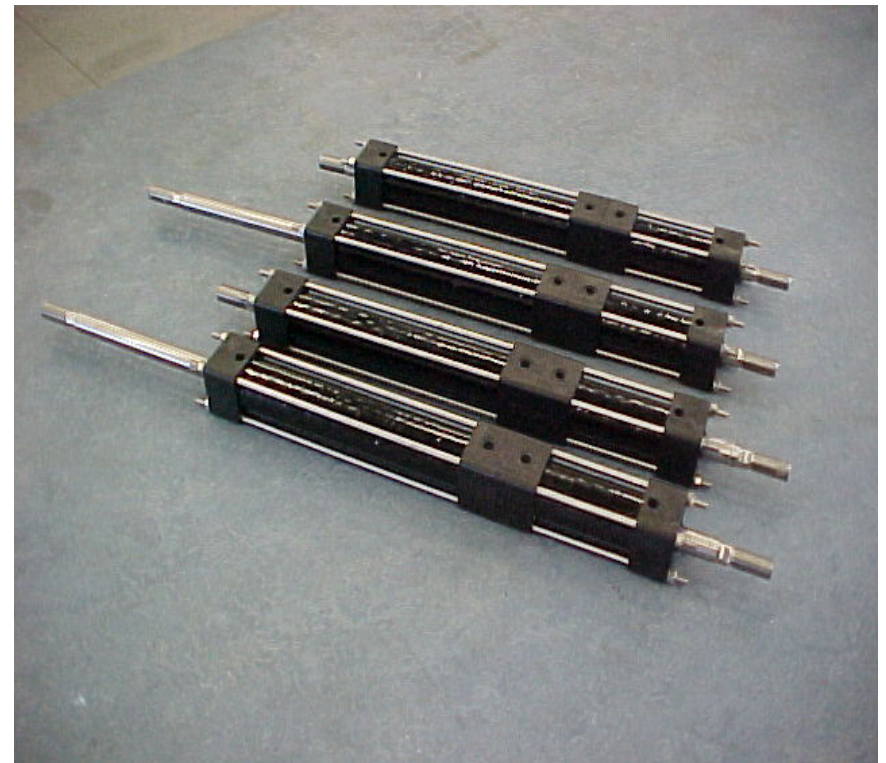
Application: Food processing
industry



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TN bore 63 double acting
cushioned cylinder.

Materials: Completely stainless
steel 304.

Temperature: -25°+80°

Function: Knife cylinder.

Application: Dairy processing
industry.



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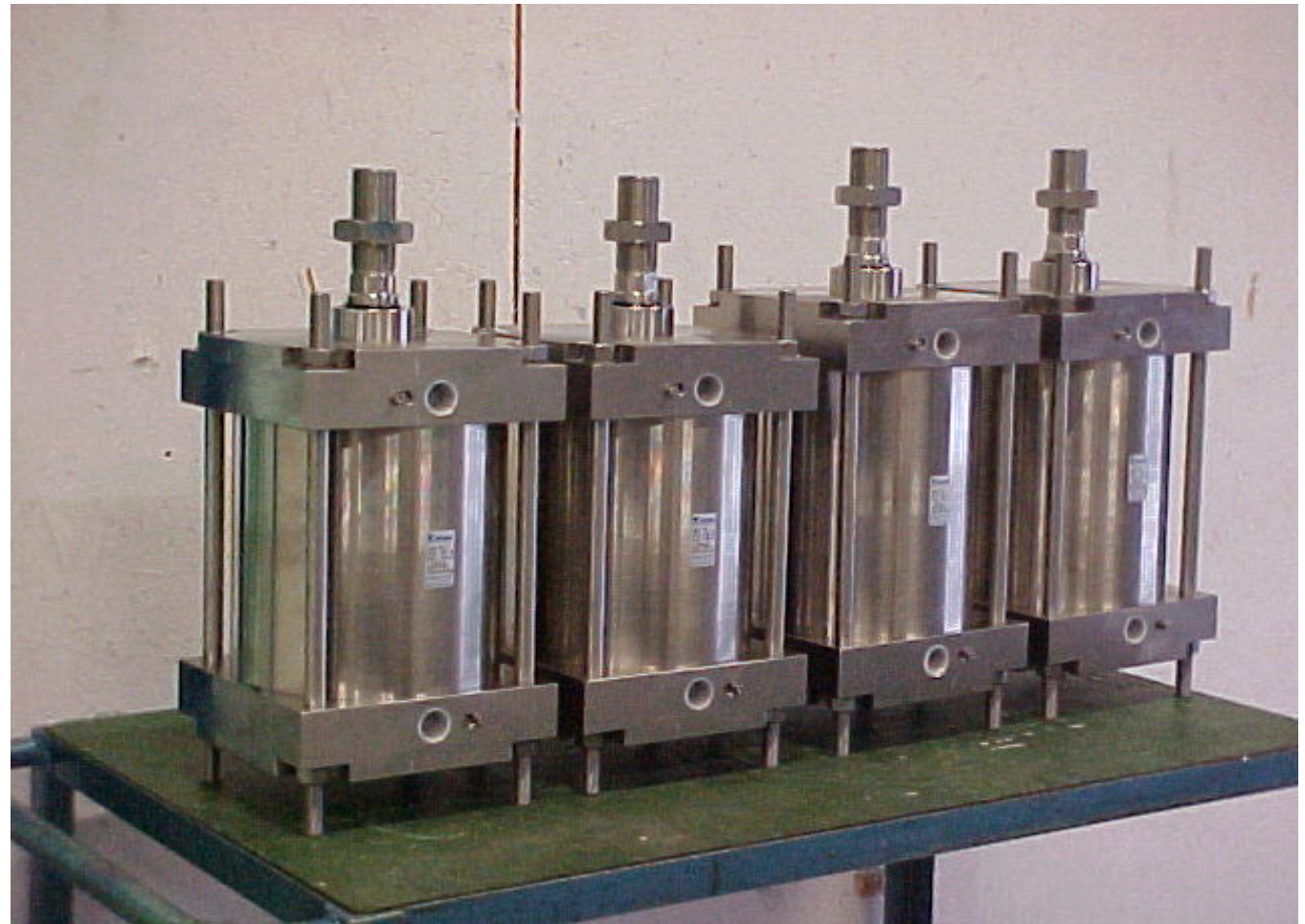
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TN Ø200 stroke 160/190 mm
Double acting cushioned
cylinder

Materials: Completely stainless
Steel 316

Temperature reach: -25°+80°

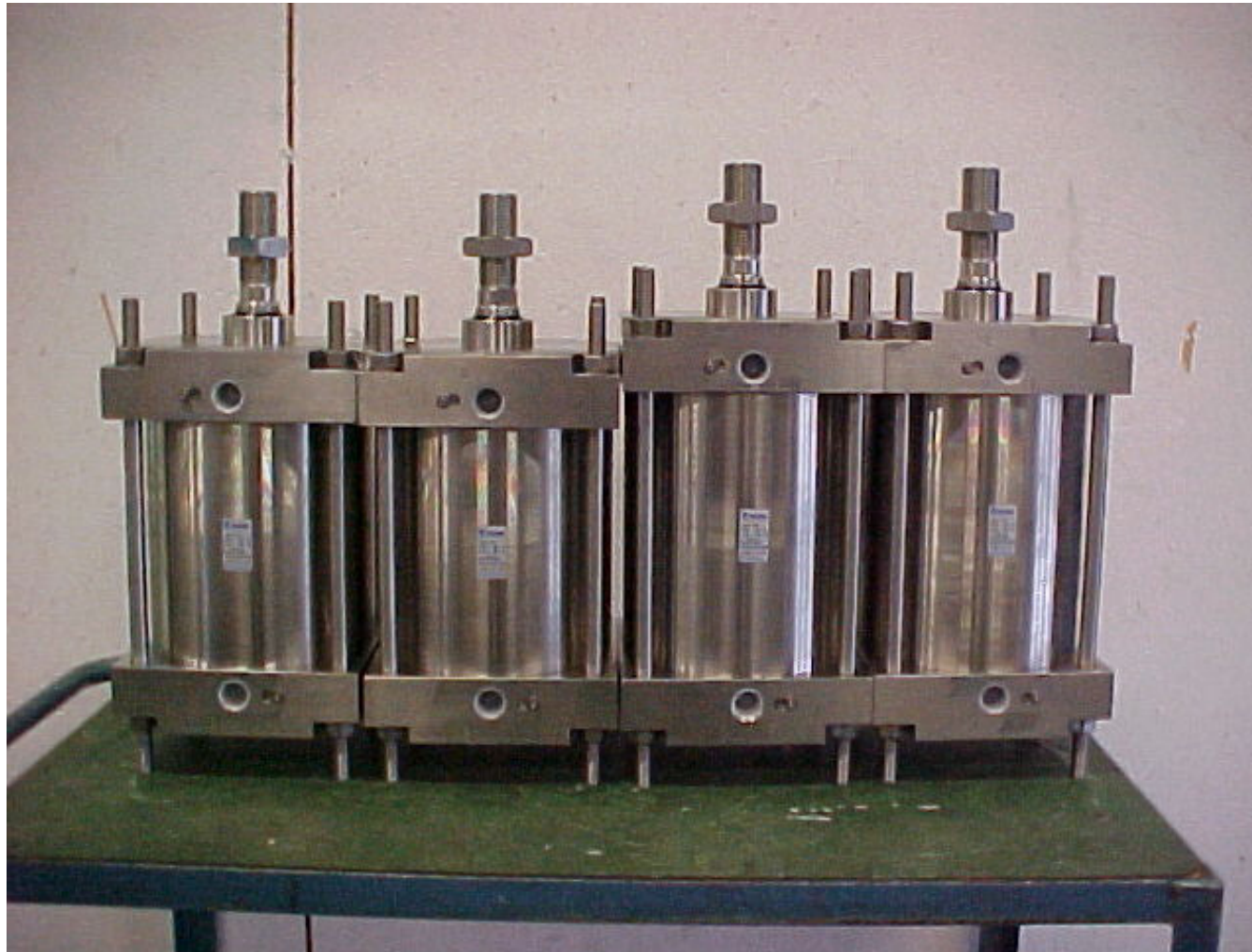
Function/application:
Press holders in a Cardboard
factory



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**Single acting pneumatic
plunger pump with a
adjustable (stroke) volume
from 1 to 2.5 liters**

Function: Sugarwater dosing
unit

Cylinder material: aluminium
Pump material: stainless steel
304

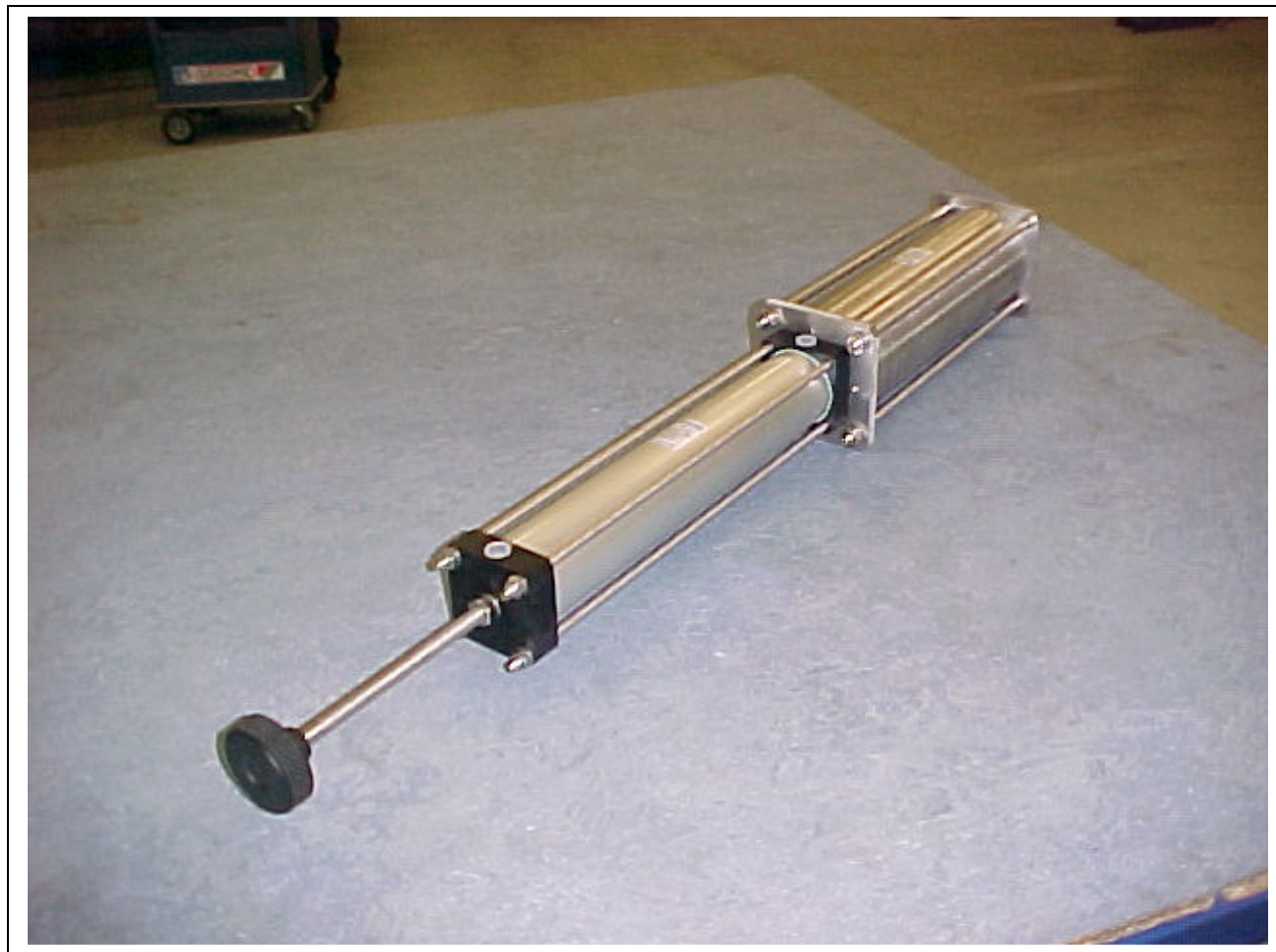
Application: Foodprocessing
industry



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**Double acting cushioned cylinder
bore 200 stroke 1200 mm.**

Materials:

**Hard anodised aluminium tube with
casted aluminium caps**

Temperature reach: **-25 °-+80 °C**

Function: **Heavy lever cylinder.**

Application: **Sink industry.**



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Single controle unit.

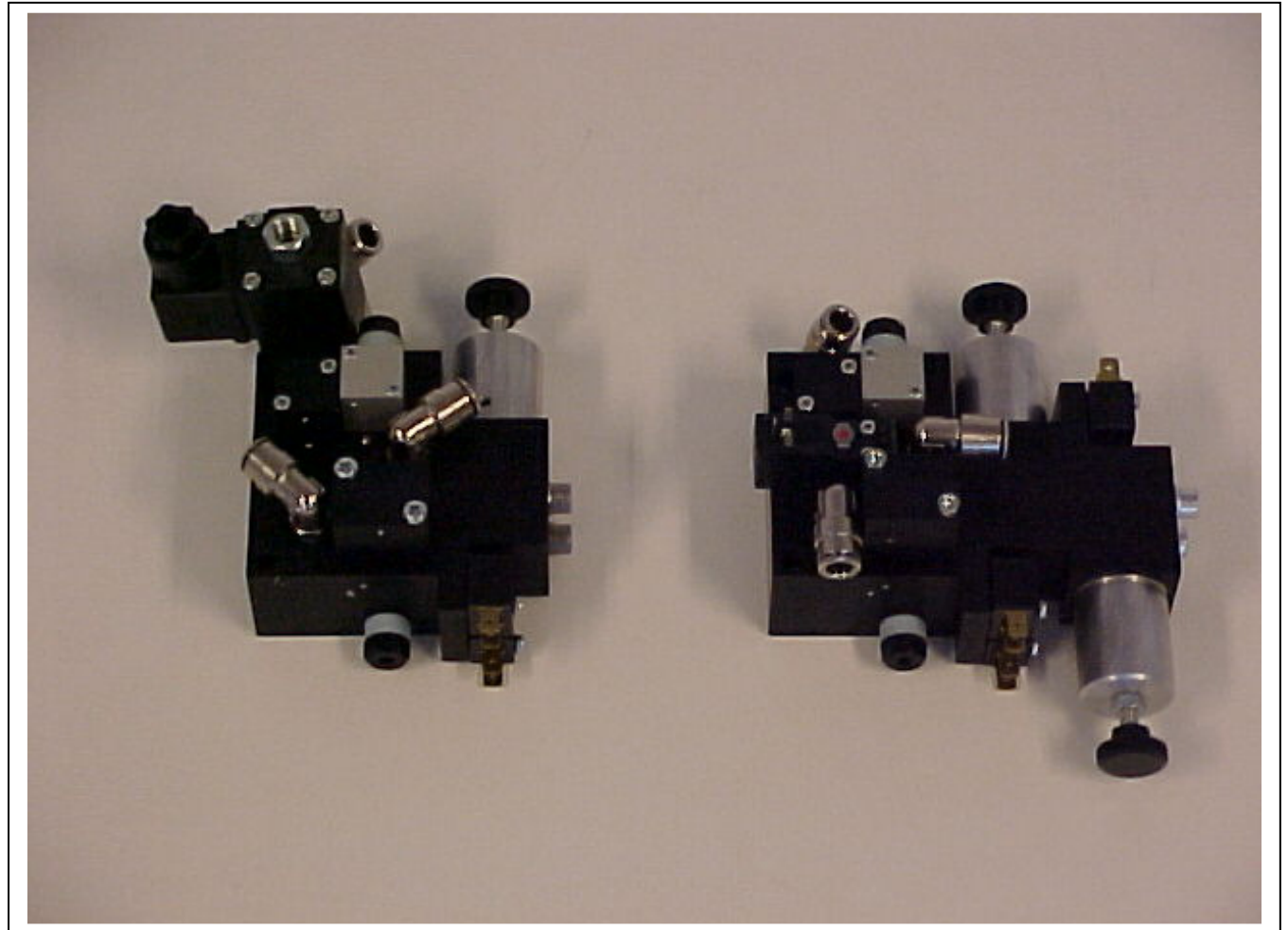
Materials: Aluminium black anodised.

Temperature reach:
-25° - +80° C.

Function: Controle unit to open/close busdoors.

Application: Public transport.

Remarks: Controle units all include a anti-slamming device and can be extended by one or two obstruction detection devices



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