

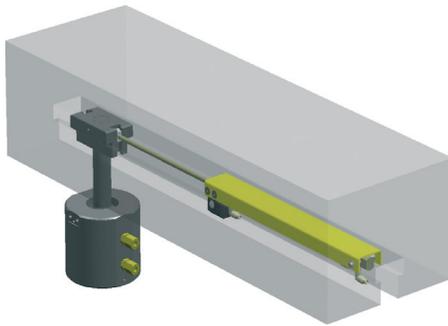
# Rapid clamping system with pneumatic cylinder 'Pneumatic travelling clamp'



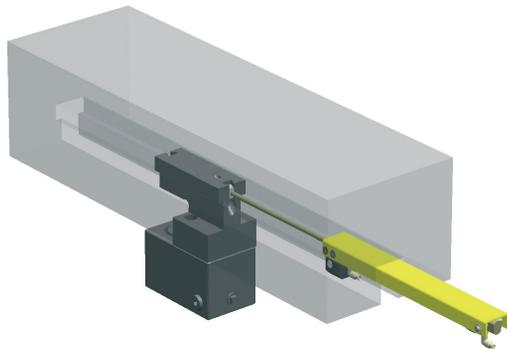
**ROEMHELD**  
HILMA ■ STARK

## Possible clamping elements:

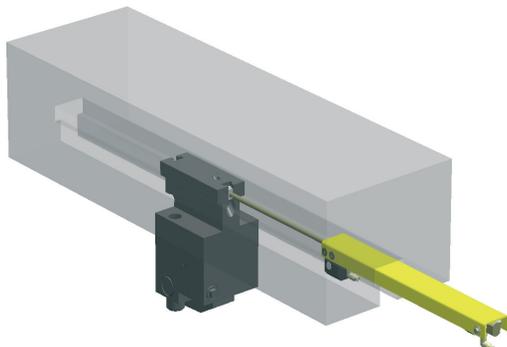
- Hollow piston cylinder double-acting with a max. clamping force of 115 kN
- Hollow piston cylinder single-acting with a max. clamping force of 104 kN
- Locking cylinder double-acting with a max. clamping force of 100 kN
- Spring clamping cylinder single-acting with a max. clamping force of 100 kN



Sliding clamp single-acting  
with a max. clamping force of 78 kN



Angular clamping element single-acting  
with a max. clamping force of 66 kN



## Application and special features:

Low-cost rapid clamping system for short distances of travel. In this version, standard clamping elements are moved by means of a pneumatic cylinder. The pneumatic positioning drive fits completely into a T-slot as per DIN 650 with a slot width of 28 mm, therefore the positioning cylinder can be positioned upstream or downstream of the clamping element. The positioning drive is fastened in the T-slot using a wedge lock without the need to modify the press ram. Interrogation of the unclamping and clamping positions is carried out using inductive magnetic sensors on the pneumatic cylinder.

- robust and cost-effective system for short distances of travel
- easy installation using standard clamping elements
- for fastening, no modification to the press ram is required
- rapid adaptation to various die sizes

## Scope of supply:

Pneumatic positioning drive unit including screw fittings for pneumatic connection and position interrogation on the cylinder.

Clamping element

High-pressure hose and screw fittings for hydraulic connections on the clamping element

## Optional extras:

- ◇ parking station (for the unclamping position outside of the press ram)
- ◇ traveling distance up to 400mm
- ◇ reed contacts instead of inductive magnetic sensors
- ◇ pneumatic one-way restrictors for adjusting the positioning speed

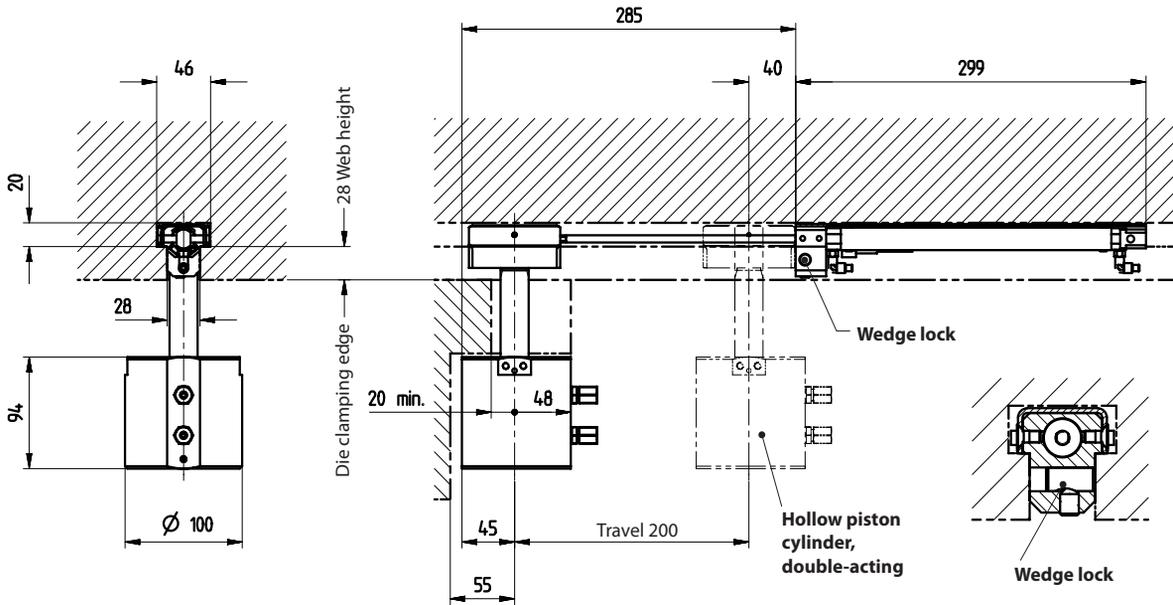
**Other optional extras including adaptation are available upon request**

## Technical data:

Operating pressure, pneumatic:	min. 6 bar (max. 10 bar)
Weight of the clamping element:	max. 8,5 kg (for 6 bar) 14 kg (for 10 bar)
Travel:	200 mm
Temperature range:	max. 70°C



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### Optional extras and versions of installation



**3.2295**

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**Carr Lane Roemheld Mfg Co.**

927 Horan Drive, Fenton, MO 63026

Phone 800-827-2526 Fax 636-386-8034 www.roemheld-usa.com

Subject to technical modification