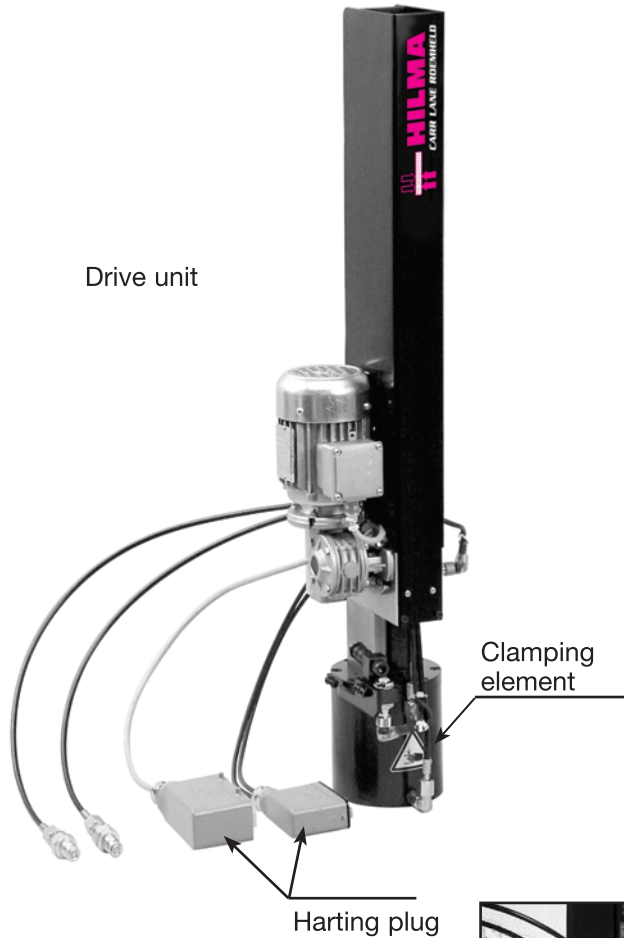


Rapid Clamping System

with pusher chain



Applications

- for automatic clamping of dies on press rams and for dies varying in width

A pusher chain driven with an electric motor moves the rapid clamping system with its attached clamping cylinder automatically to the clamping edge. The T-slot in the machine provides guidance for the chain and the clamping element. Clamping and unclamping of the cylinder is carried out by applying pressure to the cylinder, depending on the design. Following unclamping, the clamping element moves automatically from the clamping position into the parking position.

Advantages

- high functional safety by position monitoring and automatic travelling sequence
- suitable for retrofit and installation in original equipment
- tie rod made from high-strength forge steel
- no need for die standardization (width and depth)
- optimum utilization of the ram area
- clamping force of between 17,550 and 25,875 lbs. (other clamping forces on request)
- central operation of all clamping elements
- additional safety by mechanical self-locking lock available on request



Rapid clamping system with pusher chain fastened to the press ram of a double column press. A hollow piston cylinder serves as clamping element.