

Pascal Engineering Inc. Newsletter

Quick Die Change Edition



Selecting a Die Clamp System

By Anna Hirschler

Looking to improve operations with a die clamp system? This guide can help you make your selections based on your specific application.

WHAT'S NEW

SELECTING A DIE CLAMP
SYSTEM

PASCAL DIE CLAMPS

Determining the quantity and
model.

Selecting the Quantity

To determine the size and quantity of the clamps needed, use the following chart. The total clamping force must be higher than:

10% of the machine tonnage for crank presses.

20% of the machine tonnage for high-speed presses.

Die opening force of the hydraulic press.



Unified thickness

In order to use die clamps, the die thickness must be unified, so if this is not the case please reach out to us so that we can help you find a solution.

Control Unit

For the control system supplying the hydraulic pressure to the clamp and die lifter, the compact control unit HCS is recommended. For manual operations, select the non leak valve unit model VHA, and power unit HUT.

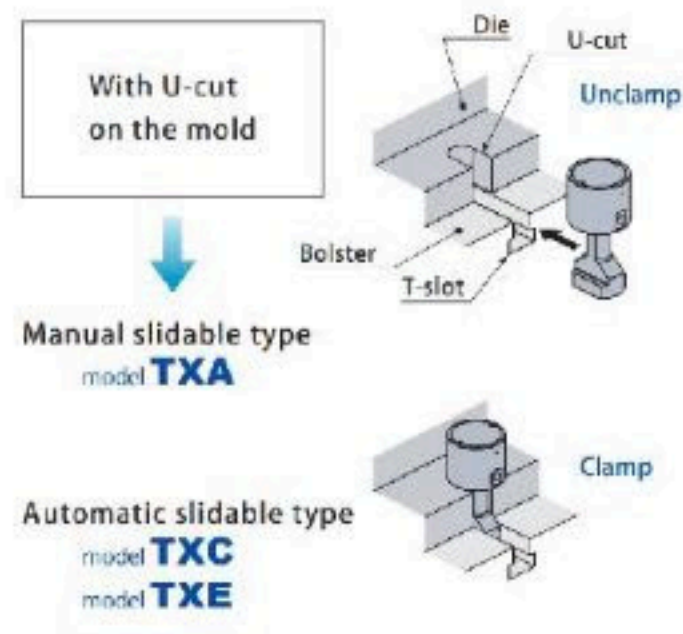
Have any questions?

Pascal is happy to help! Check below for links to our resources and contact info.

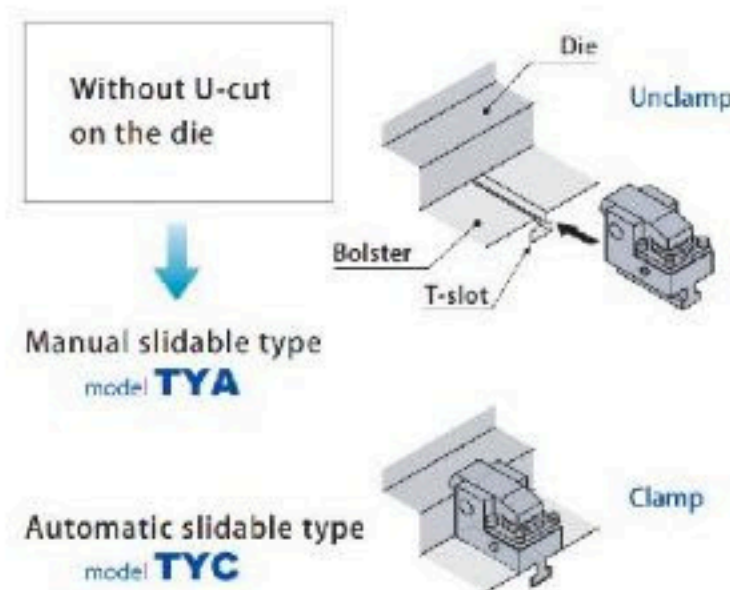
Selecting the Model

The first point to determine will be if the die has a U-cut. If it has a U-cut, select manual slideable model TXA or Automatic slideable models TXC or TXE.

If it has a U-cut, select manual slideable model TXA or Automatic slideable models TXC or TXE.



If it does not have a U-cut, select manual slideable model TYA or automatic slideable model TYC.



Simply fill out the request form on our website!