

Hydraulic Production Vises

- Innovative compact design
- Internal hydraulics
- 4,700 lbs (2,100 kg) clamping force
- Operates on lower input pressure
- Fully machinable jaws
- Fastest quick-change jaw system
- Hardened and ground steel wear rails
- Easy-Flow™ base design



Hydraulic Power Sources Available



Technical Specifications:

Hydraulic Clamping Stroke: 1/4" (6.3mm)
 Operating Volume: 0.4 Cu In (6.7 cm³)
 Maximum Input Pressure: 4000 P.S.I. (275 bar)
 Minimum Input Pressure: 500 P.S.I. (35 bar)
 Input Port: #4 SAE (7/16-20 UNF-2B)

Clamping Force (lbs) = Input Pressure x 1.19
Clamping Force (kg) = Input Pressure Bars x 7.67

Operation:

Using the Jergens Hydraulic Vise handle part number 49445, tighten vise jaws so the workpieces touch the fixed jaw. Next, turn the handle back 1/2 turn and activate the hydraulic cylinder. Handle included with vise.

Note: Only use the Jergens Hydraulic Vise Handle Part No. 49445 for adjustment purpose, do not use to operate vise.

Jergens hydraulic vises are available in 3 different base configurations. They offer the same unique features as Jergens manual vises.

Clamping Force

Input Pressure		Clamping Force	
PSI	Bars	lbs.	kgf
500	35	595	268
1,000	70	1,190	537
2,000	140	2,380	1,075
3,000	210	3,570	1,612
4,000	275*	4,760*	2,110*

*Recommended Maximum