

# Manual Toggle Presses with Circular Guide

The muscles and sinews of the hands and arms are not designed for frequent, repeated strain.

Avoid production losses, schedule difficulties and quality deterioration.



Dimension	Type 2.5 HKP/E
Force at BDC with permitted lever operating force	max. 5 kN max. 190 N
A2	188
B	50
C	260
D	120
E*	70
F	55
G	39
U	21
V	Ø 10 H7
X*	70-165
X1	0-32
Y	413-510
Weight	7 kg

Subject to technical modifications. Dimensions see page 14.

## Advantages:

- higher press force
- ergonomic work movements
- easy and precise positioning of the workpieces in the tools
- we manufacture the suitable adapter
- suitable for many tools from various manufacturers
- adapter is exchangeable
- quick change crimp tools
- easy and precise adjustment
- integrated return stroke blocking mechanism
- stroke counter (optional)

Accessories for your press		Options	Your selection	Type 2,5 HKP/E
1	Standard press without accessories		<input checked="" type="checkbox"/>	X
2	Precision depth adjustment PTE (adapter)		<input checked="" type="checkbox"/>	X
3	Ergonomic handle	select any	<input checked="" type="checkbox"/>	X
4	Centering plate with center bore		<input checked="" type="checkbox"/>	X
5	Highly stressable sliding table, mechanical	select one	<input checked="" type="checkbox"/>	
	Highly stressable sliding table, mechanical with locking bolt		<input type="checkbox"/>	
6	Clamping pivot without collar	select one	<input checked="" type="checkbox"/>	X
	Clamping pivot with collar		<input checked="" type="checkbox"/>	X

X = available



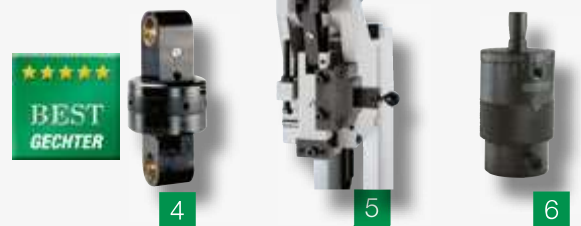
Force/stroke table

Dimension	8/12 HKPV	8/16 HKPV
x1 at <F. max	0-45	0-58
x2 at F. max	0-23	0-25
KForce at BDC with short stroke	20 kN	32 kN
Force at BDC with long stroke	16 kN	24 kN

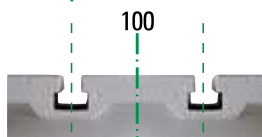
Subject to technical modifications.

On the following pages, you will find detailed descriptions and further illustrations on each topic:

Press force monitoring	Page	32
Lever operating forces and press forces	Page	41
Accessories	Page	42



With type 2.5 - 8/12  
1 x DIN 650 M8x10

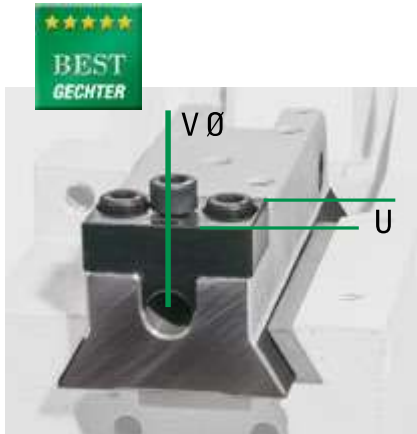


With type 8/16 2 x DIN 650 M8x1  
With type 50 2 x DIN 650 M10x12

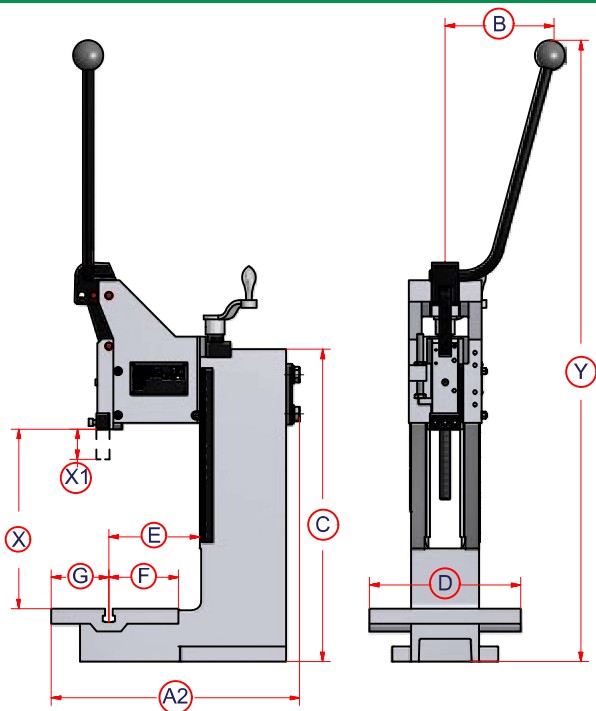
With press force monitoring  
Page 32



maXYmos



Unique **GECHTER** quality  
No-play adjustable prism guide.  
The clamping device can be removed towards the front, so that the clamping pivot is not damaged.



Dimension	Type 2.5 HKPV	Type 5 HKPV	Type 8/12 HKPV	Type 8/16 HKPV	Type 50 HKP
Force at BDC with permitted lever operating force	max. 8 kN max. 280 N	max. 14 kN max. 320 N	see table below max. 350 N	max. 420 N	max. 55 kN max. 330 N
A2	220	243	328	445	565
B	140	140	140	160	220
C	320	344	415	590	715
D	150	180	200	300	340
E*	90	90	120	160	200
E extended	-	200	300	300	300
F	60	60	92	130	150
G	40	50	75	100	120
U	25	21	21	29	44
V	Ø 10 H7	Ø 10 H7	Ø 10 H7	Ø 15 H7	Ø 25 H7
X*	75-190	70-195	75-240	100-320	110-370
X1**	0-42	0-40	0-45	0-58	0-15
Y	480-600	595-715	655-820	930-1150	1250-1510
Weight	11,5 kg	20 kg	32 kg	79 kg	242 kg

\* Change of dimensions for HMS presses!  
\*\* Special stroke length on request

Subject to technical modifications.

**Please note** that we will respond to your individual production requirements and that our **special machines experts** are at your disposal.

Accessories for your press	Options	Your selection	1	2	3
			Type 2,5 HKPV	Type 5 HKPV 8/12 HKPV 8/16 HKPV	Type 50 HKP
1 Standard press without accessories			X	X	X
2 Extended throat (see table on the left)	select one			X	X
3 Extended daylight + 100 mm				X	X
4 Integrated PFE fine tuning device				X	
5 Mechanical return stroke blocking mechanism			X	X	
6 Precision depth adjustment PTE (adapter)	select any		X	X	X
7 Ergonomic handle			X	X	
8 Centering plate with center bore			X	X	X
9 Mechanical stroke counter			X	X	X
10 Highly stressable sliding table, mechanical	select one		X	X	X
Highly stressable sliding table, mechanical with locking bolt			X	X	X
11 Clamping pivot without collar	select one			X	X
Clamping pivot with collar				X	X

X = available

