

## TOGGLE HAND PRESSES

### TOGGLE HAND PRESS

#### MODEL P600PR



#### DATA

With 14 daN handle force the output force is:	
Fully retracted	470 daN
5 mm extended	110
10 mm	70
15 mm	75
20 mm	80
25 mm	85
30 mm	146
31 mm	190
Fully extended	580

**Type:**  
Bench mounted manual toggle press.

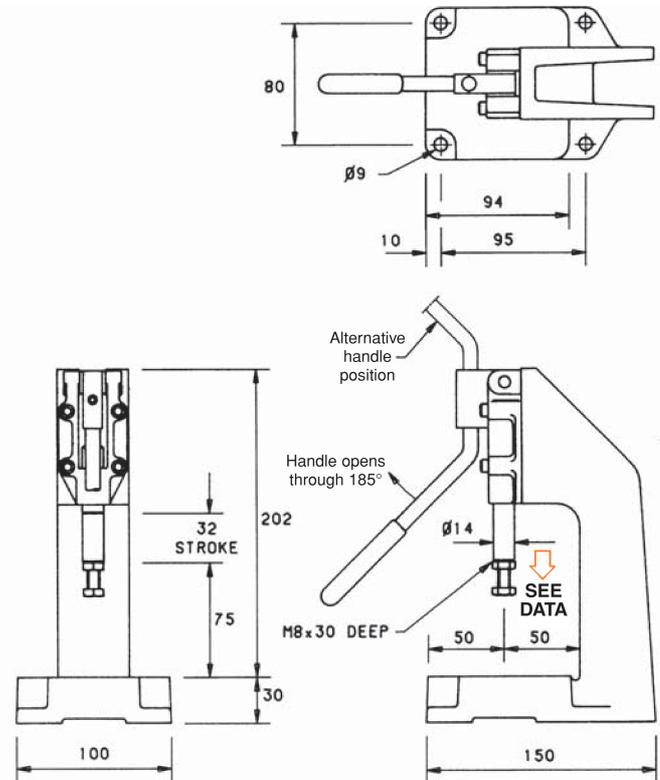
**Nominal holding force:**  
600 daN.

**Weight:**  
3.60 kg.

Quality Features:

- S.G. Iron framecasting.
- precision ground steel plunger.
- fixed height work head.

All toggle presses achieve their maximum force at the end of the stroke. Therefore Brauer toggle presses are best employed where the full force of the press is only used over a short length at the end of the working stroke; e.g. when punching, riveting, embossing, gluing, etc.



### TOGGLE HAND PRESS

#### MODEL P1200PR



#### DATA

With 15 daN handle force the output force is:	
Fully retracted	705 daN
5 mm extended	167
10 mm	90
15 mm	73
20 mm	70
25 mm	72
30 mm	85
35 mm	100
40 mm	110
45 mm	150
48 mm	220
49 mm	290
Fully extended	930

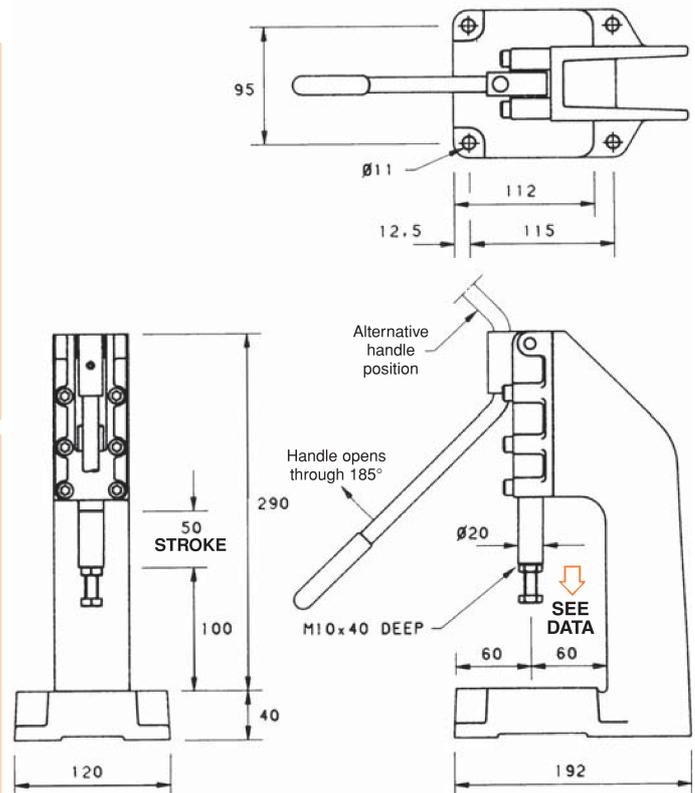
**Type:**  
Bench mounted manual toggle press.

**Nominal holding force:**  
1200 daN.

**Weight:**  
7.35 kg.

Quality Features:

- S.G. Iron framecasting.
- precision ground steel plunger.
- fixed height work head.



## TOGGLE HAND PRESSES

### TOGGLE HAND PRESSES

#### MODEL P2500PR



#### DATA

With 17 daN handle force the output force is:

daN	mm
1000	Fully retracted
100	10 mm extended
72	20 mm
60	30 mm
70	40 mm
88	50 mm
118	60 mm
190	70 mm
230	72 mm
353	74 mm
1100	Fully extended

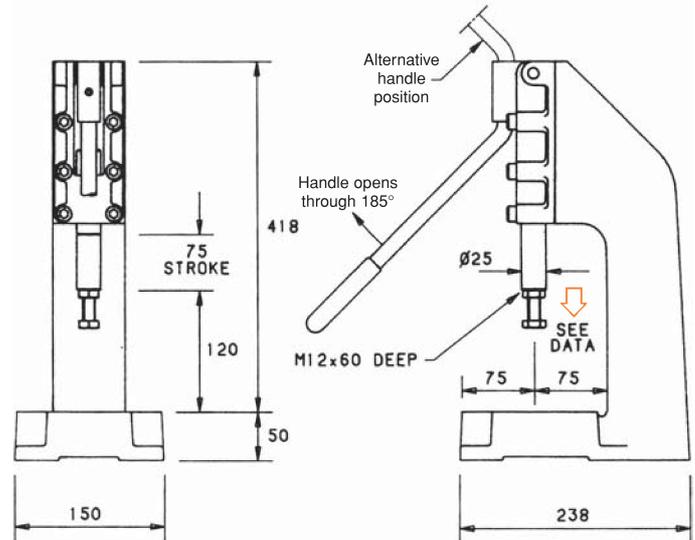
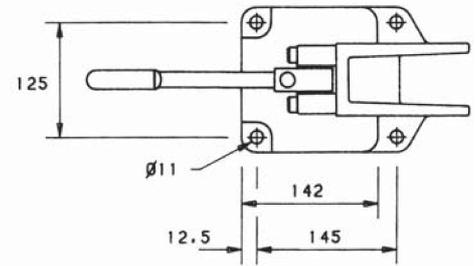
**Type:**  
Bench mounted manual toggle press.

**Nominal holding force:**  
2500 daN.

**Weight:**  
15.50 kg.

**Quality Features:**

- S.G. Iron framecasting.
- precision ground steel plunger.
- fixed height work head.



### TOGGLE HAND PRESSES

#### MODEL TPR 1



#### DATA

With 13 daN handle force the output force is:

daN	mm
48	Fully retracted
45	5 mm extended
42	10 mm
42	15 mm
45	20 mm
49	25 mm
54	30 mm
75	35 mm
102	38 mm
143	39 mm
500	Fully extended

**Optional Extras: please mention when ordering**  
Table Bore 12<sup>H7</sup> mm TB  
Stroke Counter Z

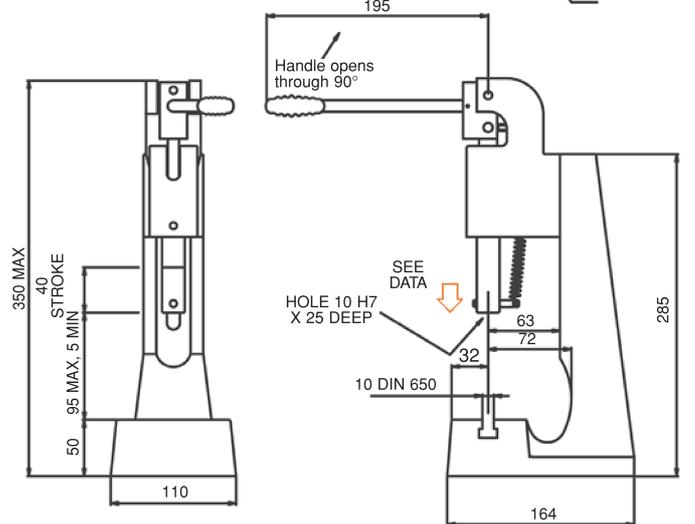
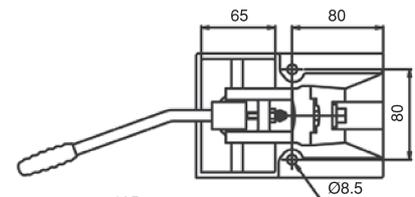
**Type:**  
Bench mounted toggle press

**Nominal holding force:**  
500 daN

**Weight:**  
10 kg

**Quality Features:**

- hardened, ground ram.
- long-design, honed ram.
- ground table, with T-slot.
- adjustable working head height.



## TOGGLE HAND PRESSES

### TOGGLE HAND PRESSES

#### MODEL TPR 2



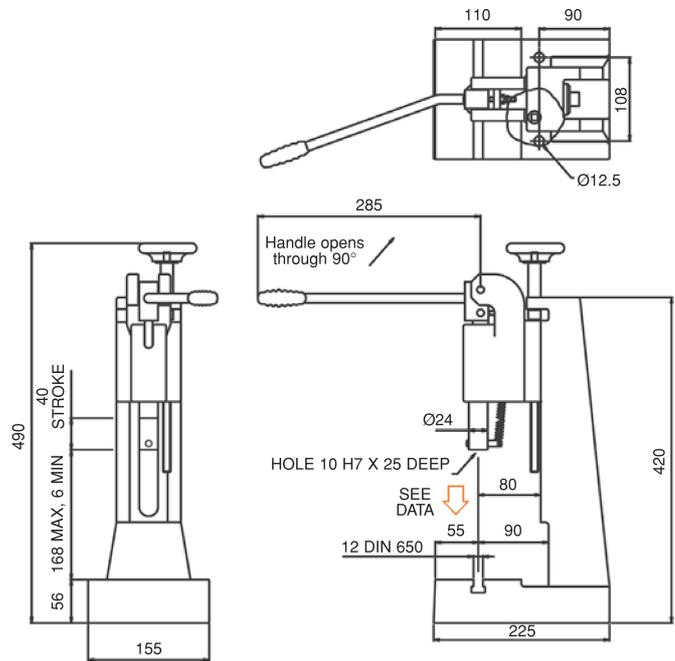
#### DATA

With 15 daN handle force the output force is:

daN	mm
Fully retracted	76
5 mm extended	74
10 mm "	65
15 mm "	65
20 mm "	72
25 mm "	80
30 mm "	98
35 mm "	125
38 mm "	200
39 mm "	255
Fully extended	750

**Optional Extras: please mention when ordering**  
 Table Bore 12<sup>H7</sup>mm TB Z  
 Stroke Counter Z

- Type:** Bench mounted toggle press  
**Nominal holding force:** 750 daN  
**Weight:** 19 kg
- Quality Features:**
- hardened, ground ram.
  - long-design, honed ram.
  - ground table, with T-slot.
  - adjustable working head height.



### TOGGLE HAND PRESSES

#### MODEL TPR 3



#### DATA

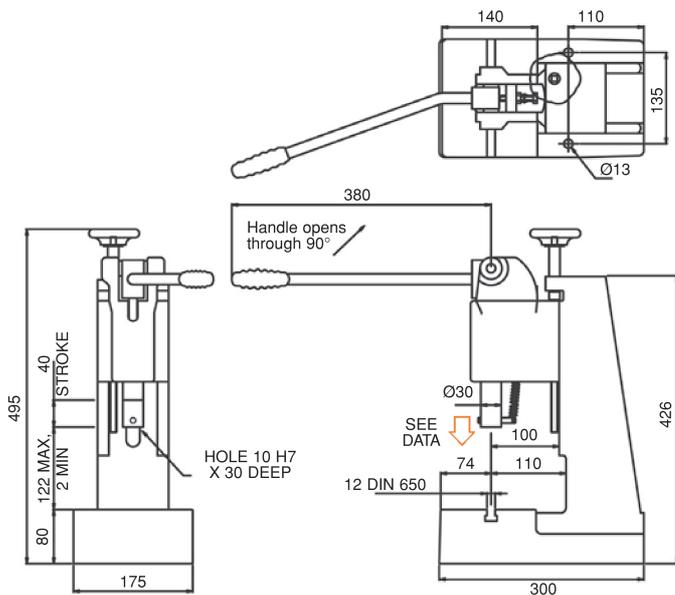
With 20 daN handle force the output force is:

daN	mm
Fully retracted	145
5 mm extended	135
10 mm "	130
15 mm "	130
20 mm "	130
25 mm "	140
30 mm "	160
35 mm "	230
38 mm "	325
39 mm "	440
Fully extended	1400

**Optional Extras: please mention when ordering**  
 Table Bore 12<sup>H7</sup> mm TB Z  
 Stroke Counter Z

- Type:** Bench mounted toggle press  
**Nominal holding force:** 1400 daN  
**Weight:** 39 kg
- Quality Features:**
- hardened, ground ram.
  - long-design, honed ram.
  - ground table, with T-slot.
  - adjustable working head height.

The **extra powerful** hand toggle presses in the TPR 3 series are especially suited to the often changing demands found in tool making and general workshops. Their high capacity up to 15 kN allow for flexible use in various applications.



## RACK & PINION HAND PRESSES

### RACK & PINION PRESSES

#### MODEL RPP 1



#### DATA

With 18 daN handle force the output force is 150 daN

Capacity	kN	1,5
	kgf	150
Working Stroke	mm	43
Clearance	mm	63
Table Size	mm	100x65
T-Slot width to DIN 650	mm	10
Ram Bore Øx depth	mm	10 <sup>H7</sup> x25
Ram Ø	mm	20
Space required	mm	110x160
Weight	kg	8,5

#### Optional Extras: please mention when ordering

Table Bore 12 <sup>H7</sup>	mm	TB
Micrometer Screw Gauge		MICRO
Stroke Counter		Z

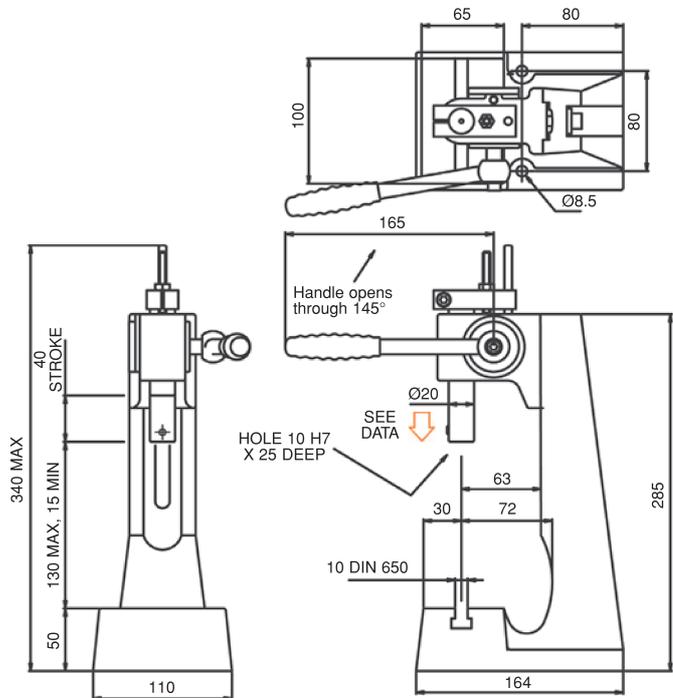
#### Type:

Bench mounted rack and pinion press

#### Quality Features:

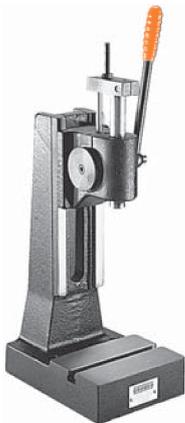
- anti-twist ram.
- stroke adjustment by means of adjustment screw, or micrometer screw.
- hand lever adjustable through 360°.
- long, honed ram guide.
- ground table, with T-slot.

All Brauer rack and pinion presses apply their pressing force constantly throughout the entire working stroke. The direct transmission of force through the lever allows the operator to sense the load being applied. The optional micrometer stop for stroke adjustment allows high precision work.



### RACK & PINION PRESSES

#### MODEL RPP 2



#### DATA

With 20 daN handle force the output force is 150 daN

Capacity	kN	2,5
	kgf	250
Working Stroke	mm	50
Clearance	mm	80
Table Size	mm	155x115
T-Slot width to DIN 650	mm	12
Ram Bore Øx depth	mm	10 <sup>H7</sup> x25
Ram Ø	mm	20
Space required	mm	155x220
Weight	kg	21

#### Optional Extras: please mention when ordering

Table Bore 12 <sup>H7</sup>	mm	TB
Micrometer Screw Gauge		MICRO
Stroke Counter		Z

#### Type:

Bench mounted rack and pinion press

#### Quality Features:

- anti-twist ram.
- stroke adjustment by means of adjustment screw, or micrometer screw.
- hand lever adjustable through 360°.
- long, honed ram guide.
- ground table, with T-slot.

