








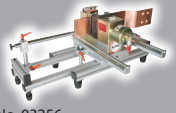










# PUMP OVERVIEW



<p>Recommended combination ■ ■</p> <p>Possible combination ■</p>	 <b>FOOT PUMP</b>	 <b>AHP 03-01</b>	 <b>SC-05 III B</b>	 <b>DSP-120</b>	 <b>LHP 700</b>	 <b>ALH 600</b>
Prod.-No.	02121	03853	03852	02027	02140	03190
 Prod.-No. 02012 / 02013	■ ■	■ ■	■ *	■	■	■
 Prod.-No. 03200SET		■	■ ■			
 Prod.-No. 03250	■	■ ■	■ *	■	■	■
 Prod.-No. 03256	■	■ ■	■ *	■	■	■
 Prod.-No. 03258	■	■ ■	■ *	■	■	■
 Prod.-No. 03260	■	■ ■	■ *	■	■	■
 Prod.-No. 03300	■	■ ■	■ *	■	■	■
 Prod.-No. 03360/03380	■ ■	■ ■				■ ■
 AP 250		■			■	■ ■
 AP 400		■			■	■ ■

\* in combination with optional foot switch

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## COMPACT FLEX HAND HYDRAULIC PUNCH

In an aluminium design – weight only 2.0 kg • Made in Germany by ALFRA

- Hand punch with hydraulic hose and cylinder.
- Ideal for use in tight spaces.

### Punching capacity

Round holes up to Ø 82 mm  
 Square holes up to 68 x 68 mm  
 Rectangular holes up to 46 x 86 mm

Punching force: 75 kN  
 Operating pressure max.: 650 bar  
 Hydraulic hose length: 600 mm  
 Weight: 2.0 kg

Contents: 1 compact flex hand hydraulic punch  
 1 hydraulic screw Ø 19.0 mm  
 1 hydraulic screw Ø 19.0 x 9.5 mm  
 1 HSS pre-drill Ø 11.0 mm  
 1 set of distance bushes, 3 pieces

Compact flex hand hydraulic punch	Prod.-No. 02065
in a sturdy and practical plastic case	
Compact flex hand hydraulic punch, individual	02066



Prod.-No. 02065



Prod.-No. 02066

## ALFRA FOOT PUMP

Made in Germany

- Max. operating pressure 700 bar.
- Built-in pressure control valve.
- For all round, square, rectangular and special shape punches.
- The foot pump leaves both hands free for exact positioning and punching on the control cabinet. The foot pump carrier frame is splayed, guaranteeing safe work without tilting.

Tank volume 270 cm<sup>3</sup>  
 Useful oil volume 210 cm<sup>3</sup>  
 Pumping capacity 1.7 cm<sup>3</sup> per piston stroke

Contents: 1 hydraulic cylinder with quick coupling  
 1 hydraulic hose 2.8 m  
 1 hydraulic screw Ø 19.0 and 19.0 x 9.5 mm  
 1 set of distance bushes, 5 pieces  
 1 pre-drill Ø 11.0 mm  
 without punches and dies

Foot pump set with hydraulic cylinder and accessories	Prod.-No. 02120
Individual foot pump, with 2.8 m hydraulic hose	02121



Prod.-No. 02120

