



















# 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>
<b>Prod.-No.</b>	02121	03853	03852	02027	02140	03190
 <b>Prod.-No. 02012 / 02013</b>	■ ■	■ ■	■ *	■	■	■
 <b>Prod.-No. 03200SET</b>		■	■ ■			
 <b>Prod.-No. 03250</b>	■	■ ■	■ *	■	■	■
 <b>Prod.-No. 03256</b>	■	■ ■	■ *	■	■	■
 <b>Prod.-No. 03258</b>	■	■ ■	■ *	■	■	■
 <b>Prod.-No. 03260</b>	■	■ ■	■ *	■	■	■
 <b>Prod.-No. 03300</b>	■	■ ■	■ *	■	■	■
 <b>Prod.-No. 03360/03380</b>	■ ■	■ ■				■ ■
 <b>AP 250</b>		■				■ ■
 <b>AP 400</b>		■				■ ■

\* in combination with optional foot switch



## COMPACT FLEX HAND HYDRAULIC PUNCH

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  $\varnothing$  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  $\varnothing$  19.0 mm  
 1 hydraulic screw  $\varnothing$  19.0 x 9.5 mm  
 1 HSS pre-drill  $\varnothing$  11.0 mm  
 1 set of distance bushes, 3 pieces

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



Prod.-No. 02065



Prod.-No. 02066

## ALFRA FOOT PUMP

Made by ALFRA Germany

- Max. operating pressure 700 bar.
- Built-in pressure control valve.
- For all round, square, rectangular and special shape punchers.
- 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  $\varnothing$  19.0 and 19.0 x 9.5 mm  
 1 set of distance bushes, 5 pieces  
 1 pre-drill  $\varnothing$  11.0 mm  
 without punches and dies

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



Prod.-No. 02120





## ALFRA ELECTRO-HYDRAULIC PUMP AHP 03-1



Made in Germany by ALFRA

### Technical data:

Motor voltage:	230 V / 50 Hz (110 V / 50 + 60 Hz on request)
Motor output:	0.55 kW, 2,720 rpm
Max. operating pressure:	700 bar
Pump capacity:	0.62 l / min. at 60 Hz 0.52 l / min. at 50 Hz
Tank volume:	2.5 l / useful volume 1.5 l
Temperature switch:	80°C +/- 5°
Weight:	17 kg
Dimensions L x W x H:	330 x 180 x 350 mm

Electro-hydraulic pump AHP 03-1 with hand switch,  
2.0 m hydraulic hose with quick coupling

**Prod.-No.**  
03853

### Option:

Foot switch with 2 pedals, start-stop function

03866



Prod.-No. 03853

## ALFRA ELECTRO-HYDRAULIC PUMP SC-05 III B

Made in Germany by ALFRA

### Technical data:

Motor voltage:	230 V/50 Hz (110 V/50 Hz or 60 Hz on request)
Motor output:	1.1 kW
Max. operating pressure:	700 bar
Default setting:	620 bar
Pump capacity:	0.9 l/min.
Tank volume:	5.0 l
Weight:	29 kg
Dimensions L x W x H:	500 x 230 x 370 mm

Electro-hydraulic pump SC-05 III B  
with 2.0 m hydraulic hose + quick coupling

**Prod.-No.**  
03852

### Option:

Foot switch for start function, 1 pedal

03861

Foot switch for start-stop-off function, 3 pedals

03865



Prod.-No. 03852



## ALFRA ELECTRO-HYDRAULIC PUMP DSP-120

Compact electro-hydraulic pump, two-stage operation with holding function for single-acting hydraulic cylinder.

### Technical data

Operating voltage:	230 V/50 Hz
Motor output:	0.4 kW
Max. operating pressure:	700 bar
Pump capacity at 0 - 20 bar:	2.0 l/min
Pump capacity at 20 - 700 bar:	0.2 l/min
Tank volume:	1.2 l
Useful oil volume:	0.8 l
Weight approx.	7.5 kg

### Prod.-No.

Electro-hydraulic pump with accessories	02025
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Contents:	1x	hydraulic cylinder SKP-1
	1x	hydraulic hose 1.8 m
	1x	hydraulic screw Ø 19.0 and 19.0 x 9.5 mm
	1x	set of distance bushes, several pieces
	1x	pre-drill Ø 11.0 mm
	1x	hand switch without punches and dies

Electro-hydraulic pump, individual, 220 V, with 1.8 m hydraulic hose, quick coupling and hand switch	02027
Foot switch with 2 pedals	02029
Hand switch	02030



Prod.-No. 02025

## ALFRA AIR HYDRAULIC PUMP - LHP 700

Air hydraulic pump for operating single-acting hydraulic cylinders for punching tools, cable shears, pressing devices or similar applications.

- Robust tank
- Tank ventilation filter
- Reduced noise level
- Oil level indicator on the tank
- Precise starting under load is possible
- Exact control – the relief valve operated via the foot pedal permits the load to be reduced exactly
- Hydraulic hose 2.0 m with quick coupling

### Technical data

Max. operating pressure:	700 bar
(for a feed pressure of 7 bar)	
Feed line pressure/working range:	2.8 - 10 bar
Air connection:	1/4" thread
Pump capacity, pressureless:	1.0 l/min
Pump capacity p max.	
(with 7 bar air):	0.1 l/min
Tank volume:	2.4 l
Useful oil volume:	2.1 l
Weight:	6.3 kg



Prod.-No. 02140

### Prod.-No.

Air hydraulic pump	02140
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