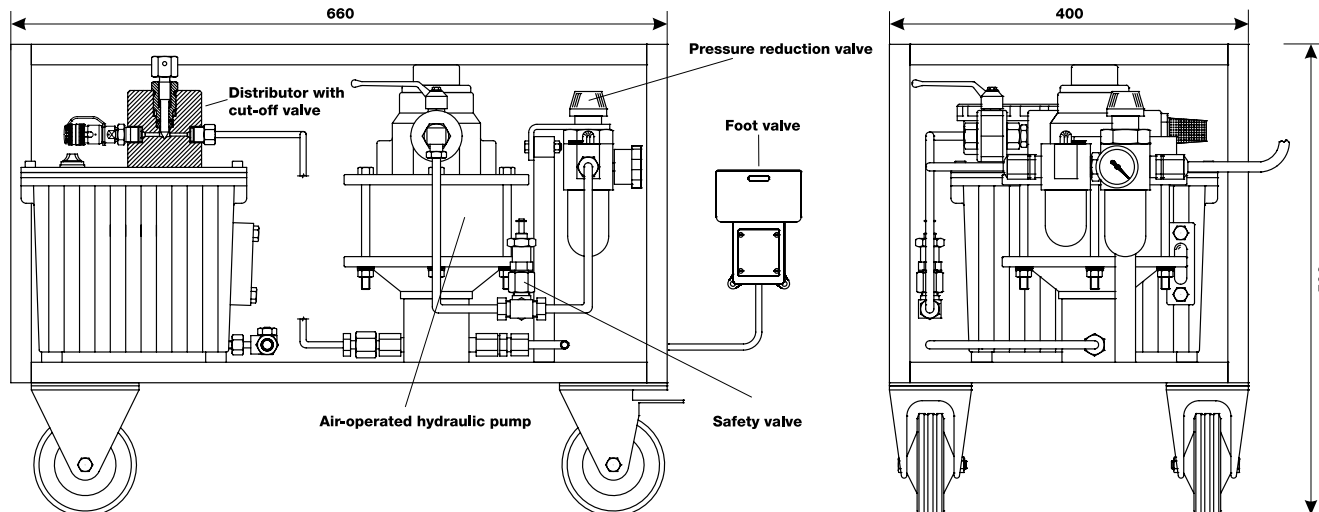


PG 22

# Air-Hydraulic Pump **HDL 1600-4000** (PG 22 A3720, Version 01/2021)



## Technical data (further versions on request)

	Standard			Special version
Max. hydraulic pressure:	4000 bar	3000 bar	1600 bar	
Safety valve on the air pressure side:	Factory set approx. to max. hydraulic pressure			Pressure limitation valve positioned outside on the hydraulic side adjustable from 0 to 4000 bar
	4000 bar	3000 bar	1600 bar	
Pressure intensifier:	Pressure ratio from 1 bar air pressure to 740 bar hydraulic pressure			
Maintenance unit:	Adjustable pressure reducer and oil injector for working with oiled compressed air			
Pressure connection:	According to type key			Pressure connections of various versions
Pressure gauge:	Ø 100, Class 1.0, filled with glycerine			Additional manometers in various accuracy classes and calibres
	4000 bar	3000 bar	1600 bar	
Air cut-off valve:	Hand and/ or foot operated			
Tank:	Aluminium tank with 6 litre useable volume and externally visible oil level gauge			Aluminium tank with 11 or 15 litre useable volume
Hydraulic oil:	HLP ISO VG 15			If required by customer
Set-up:	Maintenance-friendly arrangement of the individual components, steel tube frame, sound suppressor on the air pressure side, mobile			Mounted on assembly dolly, furnished with trailer ring
Weight (filled with oil):	approx. 34 kg			
Length:	660 mm			
Width:	400 mm			
Height:	596 mm			
Packaging:	Pallet			<ul style="list-style-type: none"> <li>Transport box, simple wood</li> <li>Assembly box with hinged and swivel lock</li> <li>Version according to customer's wishes</li> </ul>

## Other products manufactured by SCHAAF

- Bolt tensioners
- Hydraulic nuts
- High-pressure hydraulic hoses
- Couplings, nipples, adapters, distributors up to 4000 bar
- ExpaTen, EcoRolls and many more

## Complete solution from SCHAAF

The high-pressure hydraulic generators, connection couplings and adapters are all aligned to function with SCHAAF high-pressure hydraulic tools and high-pressure hydraulic hoses = 100 % system solution.

**www.schaaf-gmbh.com**

SCHAAF develops and produces world leading technology in the field of joining technique in all sectors of the industry.

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## Brief denomination

<b>0</b>	<b>2</b>	<b>2</b>	<b>A</b>	<b>3</b>	<b>7</b>	<b>2</b>	<b>0</b>				/			<b>X</b>	/			/		/			/						
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29

Max. pump pressure	Pump den.
4000 bar	A-3720400
3000 bar	A-3720300
1600 bar	A-3720160

<b>Precision pressure - limitation valve , a.d. A1935</b>	<b>Den.</b>
External / possible adjustment 50 bar - max. pump pressure	DB

	Distributor block	Den.
4.000 bar	1 connector M16 x 1,5 IG 60° DK	09
	2 connectors M16 x 1,5 IG 60° DK	10
	3 connectors M16 x 1,5 IG 60° DK	11
	4 connectors M16 x 1,5 IG 60° DK	12
1.600 bar	1 connector G¾" IG	05
	2 connectors G¾" IG	06
	3 connectors G¾" IG	07
	4 connectors G¾" IG	08
	Supply / return distributor	VR

	<b>Pressure connection</b>	<b>Den.</b>
4000 bar	Coupling Socket SVK40-M16 x 1.5 AG 58° DK	S4 / pc.
3000 bar	Coupling Socket SVK30-M16 x 1.5 AG 58° DK	S3 / pc.
3000 bar	Adapter MA M16 x 1.5 AG 58° DK / G¼" AG / 60° DK	MA / pc.
1600 bar	Coupling Socket CVK16-G¼" AG	C6 / pc.
1600 bar	Adapter KA G¼" AG / M14 x 1.5 AG / 60° DK	KA / pc.

0	2	2	A	3	7	2	0	3	0	0	/	1	2	X	/	S	3	/	2	/	M	A	/	2	D	B
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

External pressure-limitation valve

## Operating and maintenance instructions

Please state further special wishes here:

[illegible]

IG = Internal thread	AG = External thread	DK = Conical nipple	n. Z. = according to drawing	BSP = British Standard Pipe
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