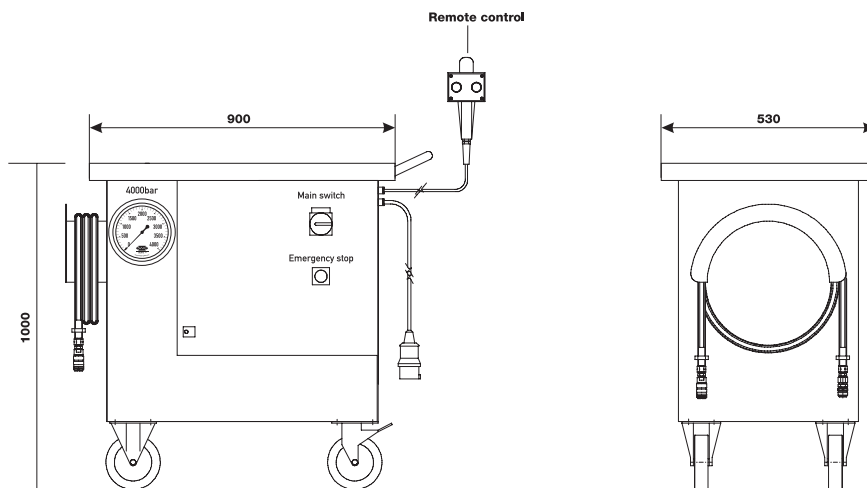


The Electrohydraulic High-pressure Pump Unit **HDE 4000** (PG 22 A4000, Version 04/2010)



Technical data (further versions on request)

	Standard	Special version
Operating voltage:	400 V / 50 Hz	
Additional mains voltage (3 P + PE):	360–440 V / 50 Hz 380–480 V / 60 Hz	Special voltagen
Nominal output:	400 V / 50/60 Hz P _{nenn} = 2,9 kw	
Hand control housing (remote control), connection cable:	Length: 5 metres	Length: ____metres, Radio remote control
Electricity supply cable with CEE plug:	Length: 5 metres	Length: ____metres
Max. hydraulic pressure:	1600 bar up to 4000 bar	
Pressure connection:	G ¹ / ₄ " IG M 16 x 1,5 IG	Pressure connections of various versions
Tank content:	34 litres	
Useful volume:	27 litres	
Hydraulic oil:	HLP ISO VG 32	If required by customer
Oil-level indicator:	Inspection Glass / Float Switch	
Conveying performance:	< 700 bar – 2,3 l/min > 700 bar – 0,5 l/min	
Set-up:	Assembly-friendly arrangement of the individual components on a mobile sub-structure	Stationary
Weight (filled with oil, without distributor, without pressure gauge)	240 kg	
Length:	900 mm	
Width:	530 mm	
Height:	1000 mm	
Distributor:	According to type key	Distributor of various versions
Pressure gauge:	Ø 160, Class 1.0, filled with glycerine	
Packaging:	Pallet	<ul style="list-style-type: none"> · Transport box, simple wood · Assembly box with hinged and swivel lock · Version according to customer's wishes

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

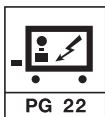
The high-pressure hydraulic generators, connection couplings and adapters are all aligned to function with SCHAAF high-pressure hydraulic tools and high-pressure hydraulic hoses = 100 % system solution.

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Visit us on the internet and convince yourself of our innovative services and products.

SCHAAF has been developing and manufacturing high-pressure hydraulic tools since 1954.





The Electrohydraulic High-pressure Pump Unit **HDE 4000** (PG 22 A4000, Version 04/2010)

Brief denomination

0	2	2	A	4	0	0	0	/					X	/		/	/	X	X	/		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	27

Max. pump pressure	Pump den.
4000 bar	A-4000400
3000 bar	A-4000300
2500 bar	A-4000250
1600 bar	A-4000160

Pressure release	Den.
Electrical	1
Manual	2

External / possible adjustment 50 bar - max. pump pressure

Operating voltage	Den.
360-440V / 50Hz, 3 P + PE	1
380-480V / 60Hz, 3 P + PE	
500 V / 50 Hz, 3 P + PE	

Version with pressure gauge		
Distributor disk		Den.
up to 4,000 bar	1 connector M16 x 1,5 IG 60° DK n. Z. A4000.40.1	09
	2 connectors M16 x 1,5 IG 60° DK n. Z. A4000.40.2	10
	3 connectors M16 x 1,5 IG 60° DK n. Z. A4000.40.3	11
	4 connectors M16 x 1,5 IG 60° DK n. Z. A4000.40.4	12
up to 1,600 bar	1 connector G¼" IG n. Z. A4000.60.1	01
	2 connectors G¼" IG n. Z. A4000.60.2	02
	3 connectors G¼" IG n. Z. A4000.60.3	03
	4 connectors G¼" IG n. Z. A4000.60.4	04

	Pressure connection	Den.
4000 bar	Coupling Socket SVK40-M16 x 1,5 AG 58° DK	S4 / pc.
1600 bar	Coupling Socket CVK16-G¼" AG	C6 / pc.

Example of ordering

0	2	2	A	4	0	0	0	3	0	0	/	1	0	X	/	S	4	/	2	/	X	X	/	1	D	B	1
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

PG 22 Electrohydraulic high-pressure unit with max. pump pressure of 3000 bar Distributor disk with 2 connectors M16 x 1,5 IG 60° DK Connectors, occupied with 2 SVK 30-M16 x 1.5 AG 58° DK quick-locking coupling sockets Electrical pressure release valve Operating voltage 400 V / 50 Hz

Enclosed accessories
Operating and maintenance instructions

Special wishes

Please state further special wishes here:

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

SCHAFF has been developing and manufacturing high-pressure hydraulic tools since 1954.

