

DA range

DA presses are the logical implementation of modern press technology for direct-acting pneumatic presses. Due to their modular design, exactly the size needed for the application can be selected, thus optimising the price/performance ratio. Standard stroke lengths from 40 mm to 120 mm are available in 20 mm steps. Special lengths can be provided on request. Direct-acting pneumatic presses produce a constant force over the whole stroke length. All direct-acting pneumatic presses can be provided as automation components or with **mader** controllers for individual workstations.

The processing of sheet metal, printed circuit boards and other bulky components requires presses to have a larger throat. XL-DA presses with 250 mm and 300 mm throat enable even these workpieces to be processed.

L-DA presses with up to 350 mm daylight are used for tall parts which require more vertical space. For dimensions which lie outside the standard, presses with press frames in welded design can be manufactured to your specifications.

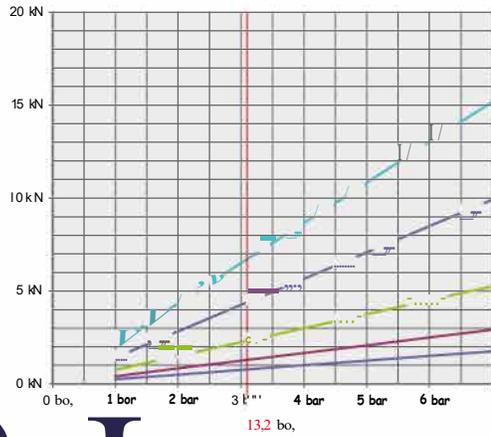
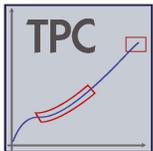
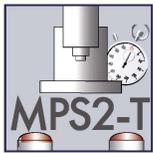
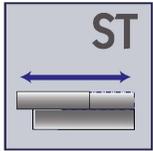
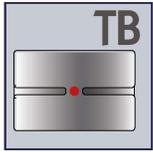
DA presses are practically maintenance-free, as all moving parts are mounted in bearings. Cylinders are pre-greased and are therefore suitable for oil-free operation.

Quality features:

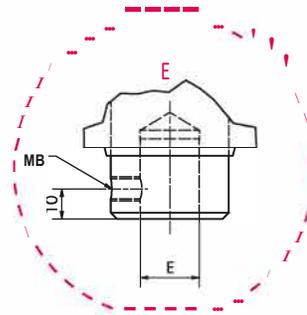
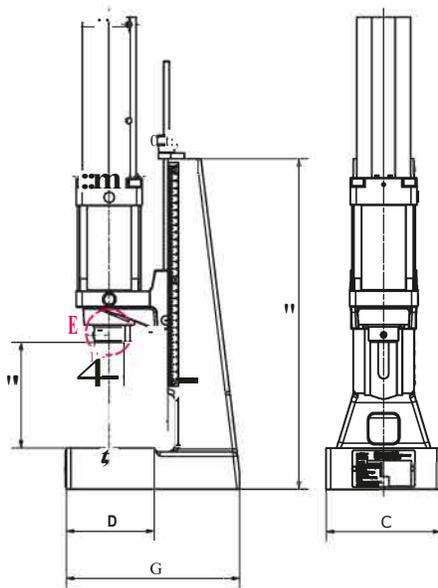
- Anti-twist, hard-chrome-plated ram guided in Te8on bushes
- Simple adjustment of the height of the press head using a threaded spindle and right-angle gearbox
- Side-mounted measuring strip for fast reproduction of settings when changing the tool
- Practically maintenance-free double-acting cylinder
- Adjustable cylinder end-position damping
- Low noise: less than 75 dB



The accessories



- D A 130Q.-80
- D A 850.-80
- D A 450.-80
- D A 250-80-80
- D A 150-80-63



For details of fine stroke adjustment see page 37

The accessories



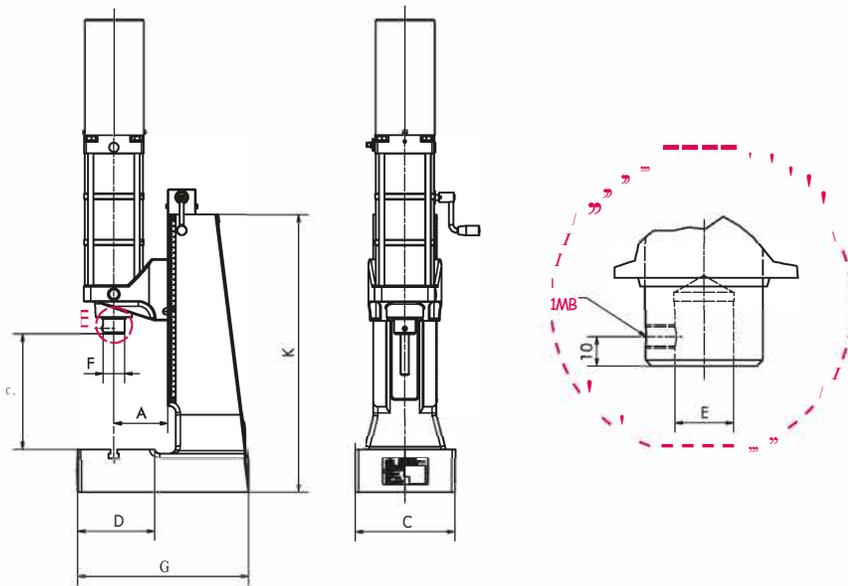
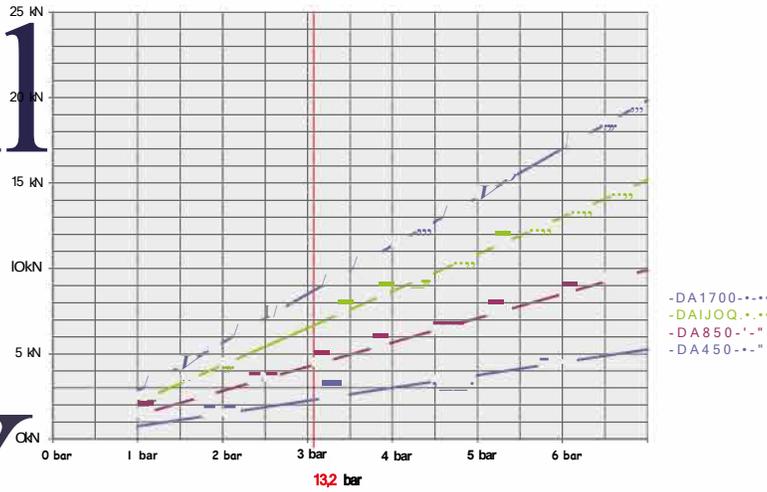
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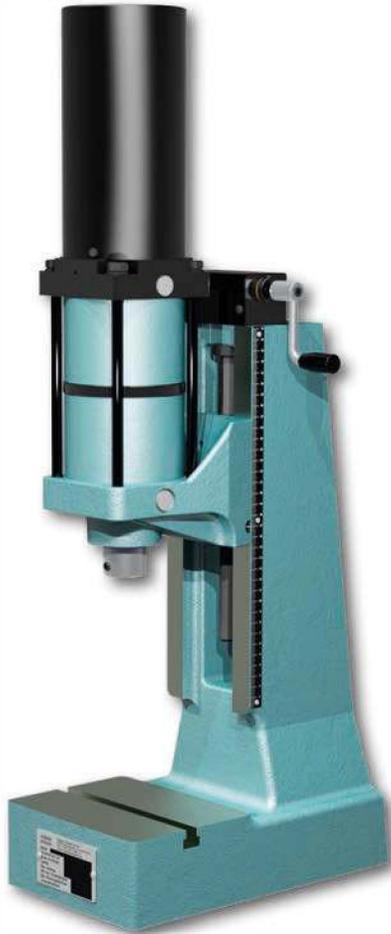


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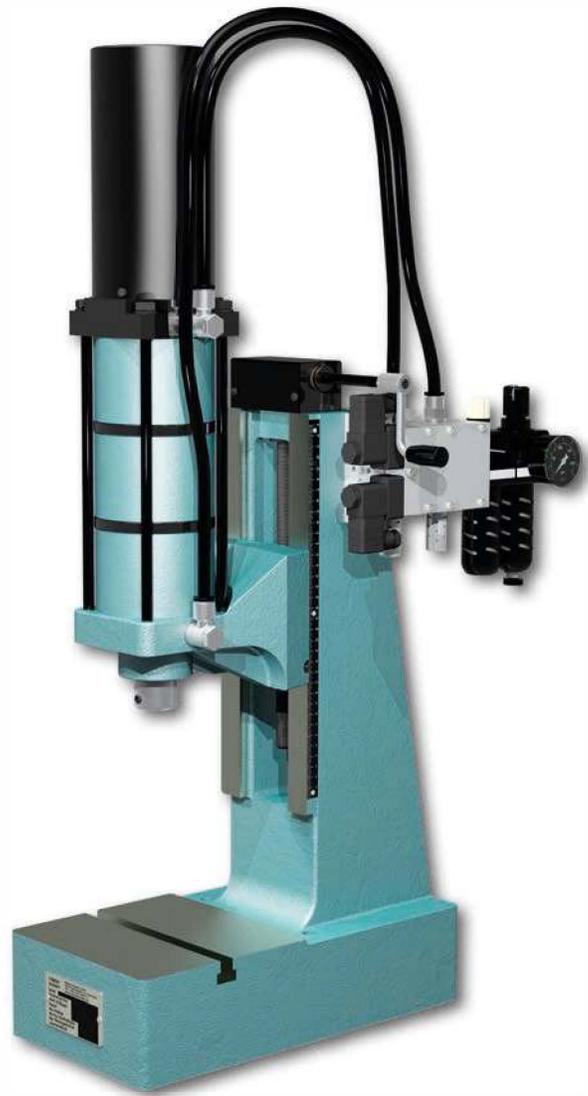


For details of fine stroke adjustment see page 37

DA Series with round ram



DA 850-40-100



DA 1300-40-130

Type			DA 450-*-100	DA 850-*-100	DA 1300-*-100	DA 1700-*-100
Capacity at 6 bar		kN	4.5	8.5	13.0	17.0
Working stroke max *		mm	40/60/80/ 100/120	40/60/80/ 100/120	40/60/80/ 100/120	40/60/80/ 100/120
Throat	A	mm	100	100	100	100
Daylight	B	mm	60 - 285	60 - 285	60 - 285	60 - 285
Tobie size	CxD	mm	185x 145	185 x 145	185 x 145	185 x 145
T-slot width similar to DIN 650		mm	12	12	12	12
Ram bore Ø x Depth	E	mm	20H7x 25	20H7x 25	20H7x 25	20H7x 25
RamØ	F	mm	40	40	40	40
Air connection			G 3/8"	G 3/8"	G 3/8"	G 3/8"
Air consumption/cm CyI stroke		l	1.0	1.5	2.1	2.6
Space requirement	CxG	mm	185 x 320	185 x 320	185 x 320	185 x 320
Stand height	K	mm	520	520	520	520
Weight		kg	co.62	co.65	co. 68	co. 71

	DA 450-*-130	DA 850-*-130	DA 1300-*-130	DA 1700-*-130
Capacity at 6 bar	4.5	8.5	13.0	17.0
Working stroke max *	40/60/80/ 100/120	40/60/80/ 100/120	40/60/80/ 100/120	40/60/80/ 100/120
Throat	130	130	130	130
Daylight	70 - 325	70 - 325	70 - 325	70 - 325
Tobie size	200x 190	200x 190	200x 190	200x 190
T-slot width similar to DIN 650	14	14	14	14
Ram bore Ø x Depth	20H7x 25	20H7x 25	20H7x 25	20H7x 25
RamØ	40	40	40	40
Air connection	G 3/8"	G 3/8"	G 3/8"	G 3/8"
Air consumption/cm CyI stroke	1.0	1.5	2.1	2.6
Space requirement	200 x 385	200 x 385	200 x 385	200 x 385
Stand height	580	580	580	580
Weight	co.77	co. 80	co.83	co. 86

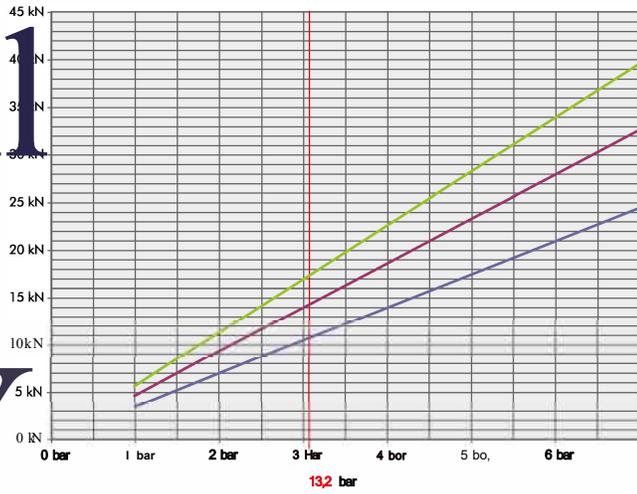
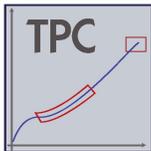
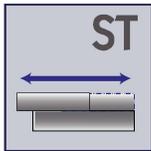
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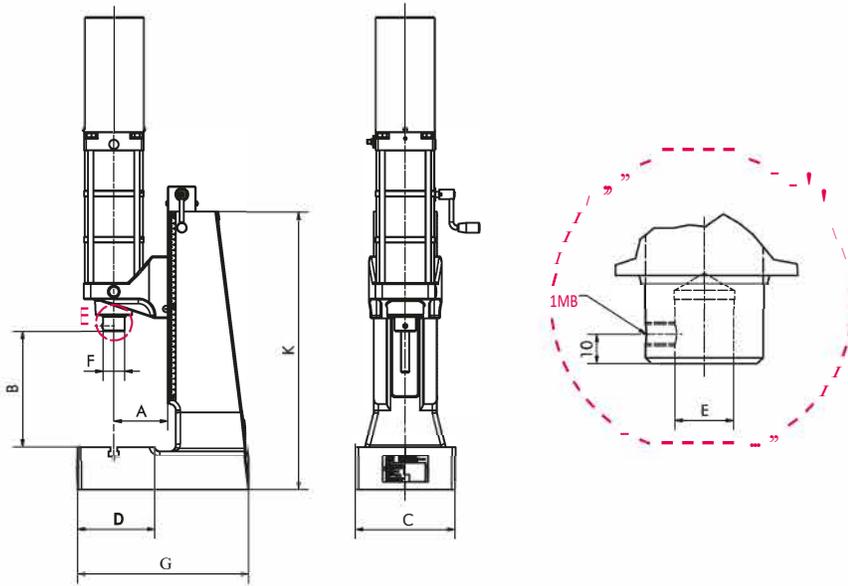
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- DA 3400--130
- DA 2800--130
- DA2100--130



For details of force stroke adjustment see page 37

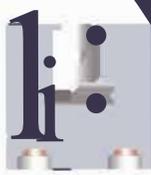
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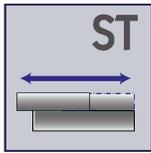
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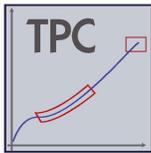
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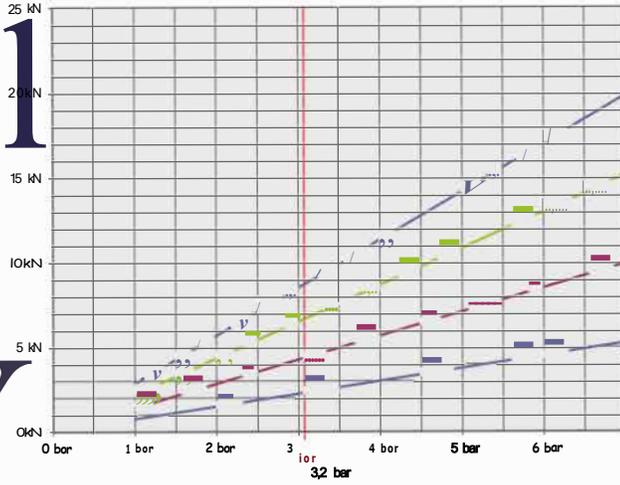
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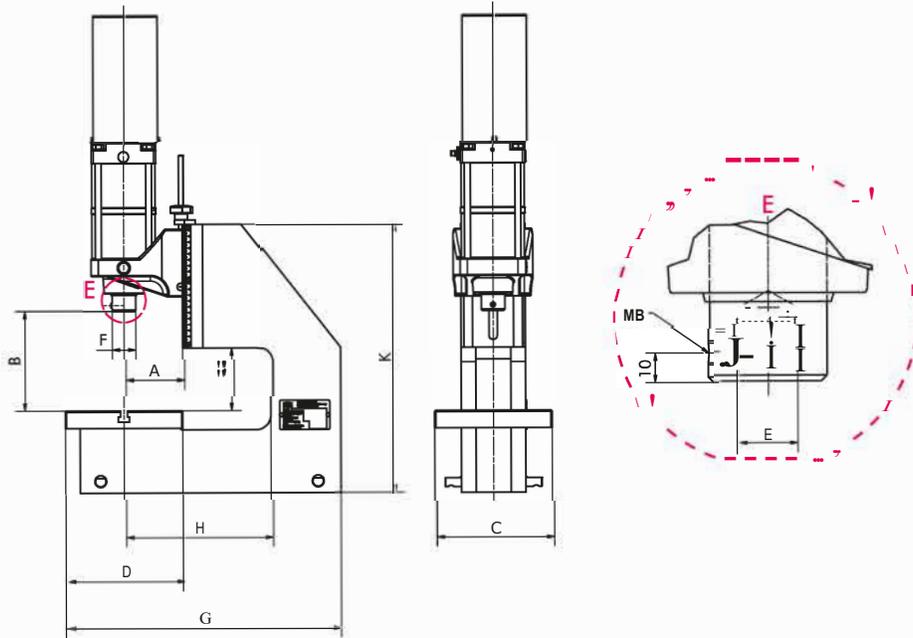
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TPC



- XL-DA 1700'-250
- XL-DA 1300'-250
- XL-DA 850'-250
- XL-DA 450'-250



For details of fine stroke adjustment see page 37

XL- Direct-acting pneumatic presses
DA-Serie with round ram, with 250 mm throat



XL-DA 1300-40-250

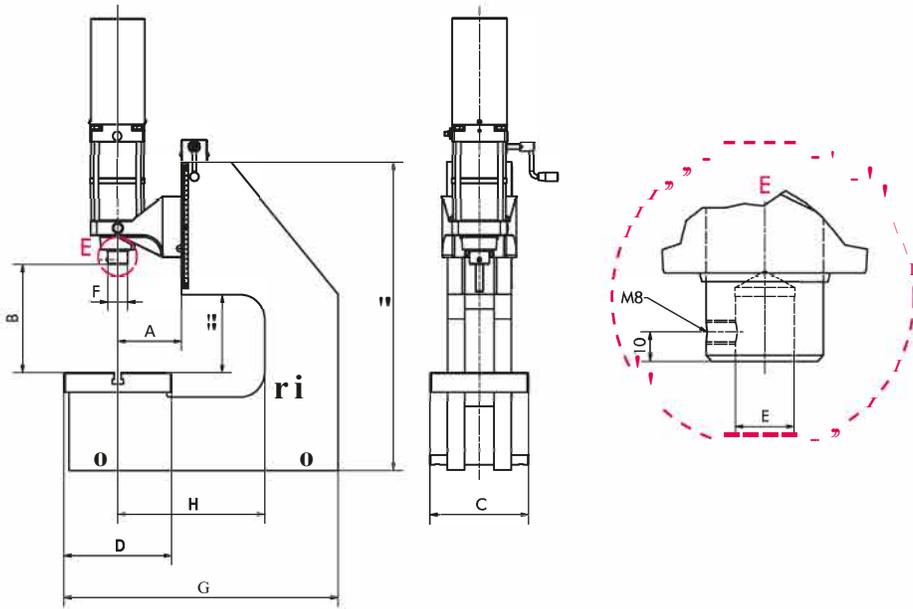
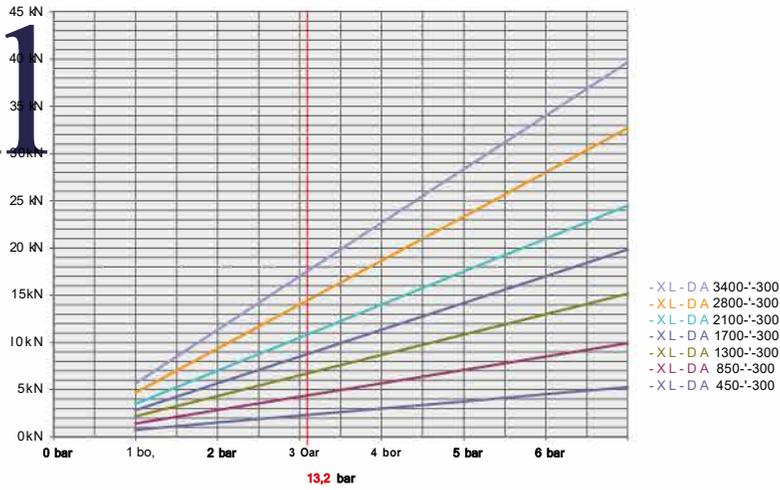
Type			XI-DA 450-*-250	XI-DA 850-*-250	XI-DA 1300-*-250	XI-DA 1700-*-250
Capacity at 6 bar		kN	4.5	8.5	13.0	170
Working stroke max. *		mm	40/60/80/100/120	40/60/80/100/120	40/60/80/100/120	40/60/80/100/120
Throat	A	mm	100	100	100	100
Throat C-frame	H	mm	250	250	250	250
Daylight	B	mm	75-175	75-175	75-175	75-175
Daylight C-frame	BB	mm	100	100	100	100
Table size	CxD	mm	200x 200	200x 200	200x 200	200x 200
T-slot width similar to DIN 650		mm	∅	∅	∅	∅
Ram bore Ø x Depth	E	mm	20H7x 25	20H7x 25	20H7x 25	20H7x 25
Ram Ø	F	mm	40	40	40	40
Air connection			G 3/8"	G 3/8"	G 3/8"	G 3/8"
Air consumption/cm cyl. stroke		l	L0	1.5	2.1	2.6
Space requirement	CxG	mm	200x465	200x465	200x465	200x465
Stand height	K	mm	465	465	465	465
WPIriht		kri	mi S7	∅ 60	∅ 61	∅ 66

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The accessories



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For details of foe stroke adjustment see page 37