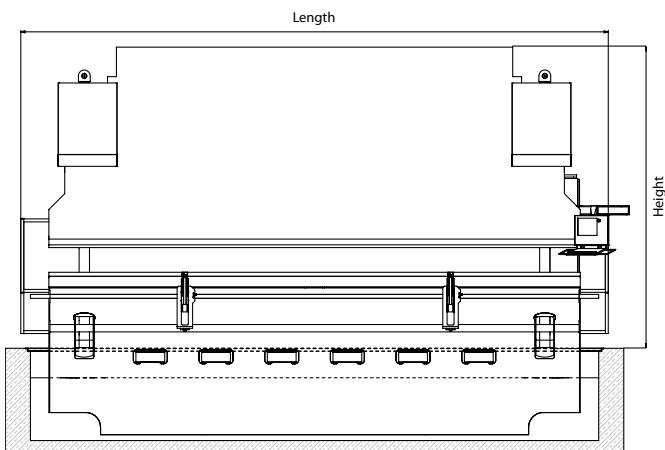
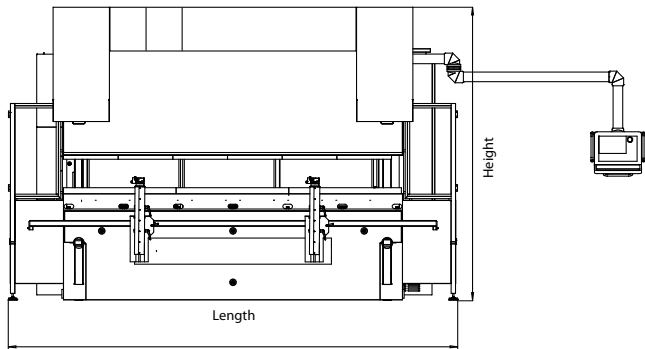


Technical Data Beyeler Xpert



Types	Bending length	Length	Width	Height	
Beyeler Xpert 60	2050	3100	2000	2600	
	2550	3600	2000	2600	
Beyeler Xpert 100	2050	3100	2050	2600	
	2550	3600	2050	2600	
	3100	4100	2050	2600	
	4100	5100	2050	2780	
Beyeler Xpert 150	2550	3600	2050	2600	
	3100	4100	2050	2600	
	4100	5100	2050	2780	
Beyeler Xpert 200	2550	3600	2050	2650	
	3100	4100	2050	2650	
	4100	5100	2050	2900	
Beyeler Xpert 250	3100	4100	2050	3000	
	4100	5100	2050	3150	
Beyeler Xpert 320	3100	4100	2100	3150	
	4100	5100	2100	3150	
Beyeler Xpert 250	5100	5880	2185	3455	
	6200	6880	2185	3580	
	Beyeler Xpert 320	5100	5880	2200	3380
		6200	6880	2200	3480
Beyeler Xpert 400	7200	7880	2200	3680	
	3100	3880	2200	3230	
	4100	4880	2200	3230	
Beyeler Xpert 500	5100	5880	2200	3380	
	6200	6880	2200	3380	
	7200	7880	2200	3580	
	8200	8880	2200	3780	
Beyeler Xpert 650	4100	4920	2610	3595	
	5100	5920	2610	3595	
	6200	6920	2610	3680	
	7200	7920	2610	3980	
Beyeler Xpert 800	8200	8920	2610	4280	
	4100	5860	2645	3770	
	5100	5860	2645	3770	
	6200	6960	2645	3880	
Beyeler Xpert 800	7200	7960	2645	4080	
	8200	8960	2645	4280	
	5100	5800	3025	4080	
	6200	7000	3025	4080	
Beyeler Xpert 800	7200	8000	3025	4280	
	8200	9000	3025	4480	

figures in mm

Beyeler Xpert 60–320

Types		Xpert 60		Xpert 100				Xpert 150			Xpert 200			Xpert 250		Xpert 320	
Tonnage	kN	600	600	1000	1000	1000	1000	1500	1500	1500	2000	2000	2000	2500	2500	3200	3200
Bending length	mm	2050	2550	2050	2550	3100	4100	2550	3100	4100	2550	3100	4100	3100	4100	3100	4100
Standard stroke	mm	215	215	215	215	215	215	215	215	215	215	215	215	265	265	265	265
Open height	mm	500	500	500	500	500	500	500	500	500	500	500	500	550	550	550	550
Distance between side frames	mm	1700	2200	1700	2200	2750	3750	2200	2750	3750	2200	2750	3750	2750	3750	2750	3750
Throat	mm	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
Max. backgauge range in X	mm	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050
X-axis travel	mm	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600
X-axis speed	mm/s	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
X-axis positioning accuracy	+/- mm	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
R-axis travel	mm	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250
R-axis speed	mm/s	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150
R-axis positioning accuracy	+/- mm	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Z-axis speed	mm/s	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
Z-axis speed (6 axes)	mm/s	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
Y approach speed	mm/s	180	180	180	180	180	180	190	190	190	190	190	190	190	190	190	190
Y working speed	mm/s	1–10	1–10	1–10	1–10	1–10	1–10	1–10	1–10	1–10	1–10	1–10	1–10	1–10	1–10	1–10	1–10
Y working speed for robot operation	mm/s	1–12	1–12	1–12	1–12	1–12	1–12	1–12	1–12	1–12	1–12	1–12	1–12	1–12	1–12	1–12	1–12
Y return speed	mm/s	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150
Y-axis positioning accuracy	mm	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
Hydraulic-dynamic crowning		hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.
Movable front workpiece supports	mm	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750
Capacity of main motor	kW	5.5	5.5	7.5	7.5	7.5	7.5	11	11	11	18.5	18.5	18.5	22	22	30	30
Voltage		3 x 400 V, 50/60 Hz															
Oil capacity	l	150	165	180	235	205	240	310	300	400	390	390	375	445	610	550	610
Weight	t	6	6.6	7	7.6	9	11	8	9.8	12.4	11	12	16	15	18.5	18.5	22
Color		standard															
Machine assembly		overfloor															
Operator terminal		Bystronic 2D and 3D graphical control, ergonomic operator panel with TFT-based 15" color LCD, membrane and computer keyboard, and mouse. Operating system: Windows XP															
Safety equipment		AKAS laser, manually adjustable in height															

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Beyeler Xpert 250–400

Types		Xpert 250		Xpert 320			Xpert 400					
Tonnage	kN	2500	2500	3200	3200	3200	4000	4000	4000	4000	4000	4000
Bending length	mm	5100	6200	5100	6200	7200	3100	4100	5100	6200	7200	8200
Standard stroke	mm	265	265	265	265	265	265	265	265	265	265	265
Open height	mm	550	550	550	550	550	550	550	550	550	550	550
Distance between side frames	mm	4600	5100	4600	5100	6100	2600	3600	4600	5100	6100	7100
Throat	mm	400	400	400	400	400	400	400	400	400	400	400
Max. backgauge range in X	mm	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
X-axis travel	mm	700	700	700	700	700	700	700	700	700	700	700
X-axis speed	mm/s	500	500	500	500	500	500	500	500	500	500	500
X-axis positioning accuracy	+/- mm	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
R-axis travel	mm	250	250	250	250	250	250	250	250	250	250	250
R-axis speed	mm/s	130	130	130	130	130	130	130	130	130	130	130
R-axis positioning accuracy	+/- mm	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Z-axis speed	mm/s	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
Y approach speed	mm/s	130	130	130	130	130	120	120	120	120	120	120
Y working speed	mm/s	1–10	1–10	1–10	1–10	1–10	1–10	1–10	1–10	1–10	1–10	1–10
Y return speed	mm/s	115	115	130	130	130	100	100	100	100	100	100
Y-axis positioning accuracy	mm	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Hydraulic-dynamic crowning		hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.
Movable front workpiece supports	mm	750	750	750	750	750						
Number	Qty.	2	3	2	3	3						
Movable, heavy execution, front workpiece supports	mm						1000	1000	1000	1000	1000	1000
Number	Qty.						2	2	2	3	3	3
Capacity of main motor	kW	22	22	30	30	30	30	30	30	30	30	30
Voltage		3 x 400 V, 50/60 Hz										
Oil capacity	l	720	800	600	650	700	630	720	920	1130	935	1000
Weight	t	26	30	29	36	43	26	27	35	43	50	61
Color		standard										
Machine assembly		over- and underfloor										
Lower beam under-floor	mm	200	250	170	430	530	0	170	550	600	700	900
Side frames under-floor	mm	0	0	0	0	0	0	0	0	0	0	0
Operator terminal	Bystronic 2D and 3D graphical control, ergonomic operator panel with TFT-based 15" color LCD, membrane and computer keyboard, and mouse. Operating system: Windows XP											
Safety equipment	AKAS laser, manually adjustable in height											

Beyeler Xpert 500–800

Types		Xpert 500					Xpert 650					Xpert 800			
Tonnage	kN	5000	5000	5000	5000	5000	6500	6500	6500	6500	6500	8000	8000	8000	8000
Bending length	mm	4100	5100	6200	7200	8200	4100	5100	6200	7200	8200	5100	6200	7200	8200
Standard stroke	mm	365	365	365	365	365	365	365	365	365	365	365	365	365	365
Open height	mm	650	650	650	650	650	650	650	650	650	650	650	650	650	650
Distance between side frames	mm	3600	4600	5100	6100	7100	3500	4500	5100	6100	7100	4400	5100	6100	7100
Throat	mm	500	500	500	500	500	500	500	500	500	500	500	500	500	500
Max. backgauge range in X	mm	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
X-axis travel	mm	700	700	700	700	700	700	700	700	700	700	700	700	700	700
X-axis speed	mm/s	500	500	500	500	500	500	500	500	500	500	500	500	500	500
X-axis positioning accuracy	+/- mm	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
R-axis travel	mm	250	250	250	250	250	250	250	250	250	250	250	250	250	250
R-axis speed	mm/s	130	130	130	130	130	130	130	130	130	130	130	130	130	130
R-axis positioning accuracy	+/- mm	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Z-axis speed	mm/s	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
Y approach speed	mm/s	100	100	100	100	100	100	100	100	100	100	80	80	80	80
Y working speed	mm/s	1–10	1–10	1–10	1–10	1–10	1–10	1–10	1–10	1–10	1–10	1–10	1–10	1–10	1–10
Y return speed	mm/s	115	115	115	115	115	95	95	95	95	95	95	95	95	95
Y-axis positioning accuracy	mm	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Hydraulic-dynamic crowning		hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.
Movable, heavy execution, front workpiece supports	mm	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
Number	Qty.	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Capacity of main motor	kW	37	37	37	37	37	45	45	45	45	45	55	55	55	55
Voltage		3 x 400 V, 50/60 Hz													
Oil capacity	l	970	970	1100	1200	1300	1150	1150	1300	1600	1570	1300	1300	1600	1600
Weight	t	41	46	54	64	73	51	59	68	76	91	69	73	86	103
Color		standard													
Machine assembly		underfloor													
Lower beam under-floor	mm	600	750	800	950	1000	750	900	1100	1250	1400	1050	1150	1350	1550
Side frames under-floor	mm	0	0	0	0	0	400	400	400	400	400	510	510	510	510
Operator terminal		Bystronic 2D and 3D graphical control, ergonomic operator panel with TFT-based 15" LCD, membrane and computer keyboard, and mouse. Operating system: Windows XP													
Safety equipment		AKAS laser, manually adjustable in height													

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Your contact
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