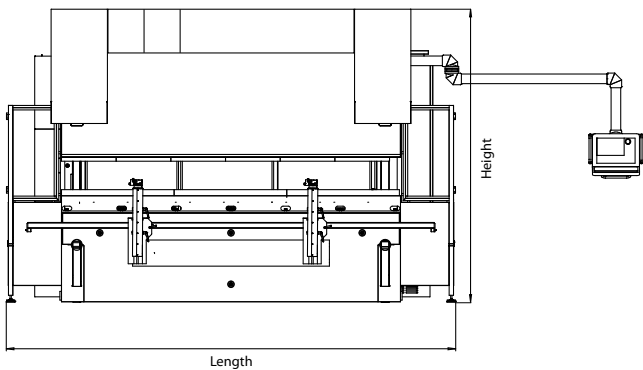


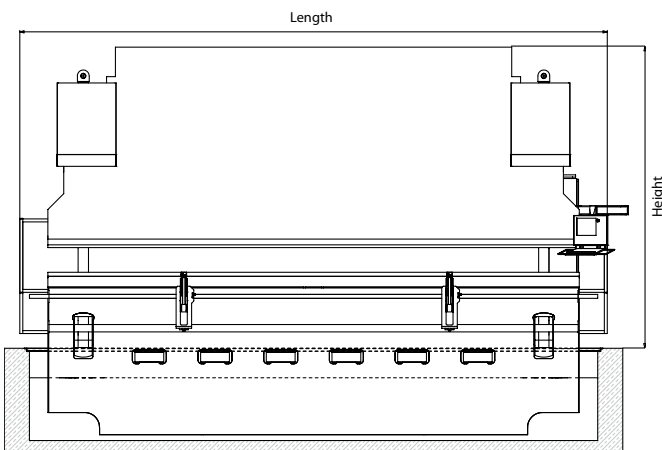
# Technical Data

## Xpert

Xpert 60-320



Xpert 250-1000



Types	Bending length	Length	Width	Height
<b>Xpert 60</b>	2050	3100	2000	2600
	2550	3600	2000	2600
<b>Xpert 100</b>	2050	3100	2050	2600
	2550	3600	2050	2600
	3100	4100	2050	2600
	4100	5100	2050	2780
<b>Xpert 150</b>	2550	3600	2050	2600
	3100	4100	2050	2600
	4100	5100	2050	2780
<b>Xpert 200</b>	2550	3600	2050	2650
	3100	4100	2050	2650
	4100	5100	2050	2900
<b>Xpert 250</b>	3100	4100	2050	3000
	4100	5100	2050	3150
<b>Xpert 320</b>	3100	4100	2100	3150
	4100	5100	2100	3150
<b>Xpert 250</b>	5100	5880	2185	3455
	6200	6880	2185	3580
<b>Xpert 320</b>	5100	5880	2200	3380
	6200	6880	2200	3480
	7200	7880	2200	3680
<b>Xpert 400</b>	3100	3880	2200	3230
	4100	4880	2200	3230
	5100	5880	2200	3380
	6200	6880	2200	3380
	7200	7880	2200	3580
<b>Xpert 500</b>	8200	8880	2200	3780
	4100	4920	2610	3595
	5100	5920	2610	3595
	6200	6920	2610	3680
	7200	7920	2610	3980
<b>Xpert 650</b>	8200	8920	2610	4280
	4100	5860	2645	3770
	5100	5860	2645	3770
	6200	6960	2645	3880
	7200	7960	2645	4080
<b>Xpert 800</b>	8200	8960	2645	4280
	5100	5800	3025	4080
	6200	7000	3025	4080
<b>Xpert 1000</b>	7200	8000	3025	4280
	8200	9000	3025	4480
	5100	6100	3250	4580
	6200	7000	3250	4680
	7200	8000	3250	4880
	8200	9000	3250	4880

figures in mm

# Xpert 60–320

Types		Xpert 60		Xpert 100				Xpert 150			Xpert 200			Xpert 250		Xpert 320	
<b>Tonnage</b>	kN	600	600	1000	1000	1000	1000	1500	1500	1500	2000	2000	2000	2500	2500	3200	3200
<b>Bending length</b>	mm	2050	2550	2050	2550	3100	4100	2550	3100	4100	2550	3100	4100	3100	4100	3100	4100
<b>Standard stroke</b>	mm	215	215	215	215	215	215	215	215	215	215	215	215	265	265	265	265
<b>Open height</b>	mm	500	500	500	500	500	500	500	500	500	500	500	500	550	550	550	550
<b>Distance between side frames</b>	mm	1700	2200	1700	2200	2750	3750	2200	2750	3750	2200	2750	3750	2750	3750	2750	3750
<b>Throat</b>	mm	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
<b>Max. backgauge range in X</b>	mm	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050
<b>X-axis travel</b>	mm	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600
<b>X-axis speed</b>	mm/s	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
<b>X-axis positioning accuracy</b>	+/- 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
<b>R-axis travel</b>	mm	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250
<b>R-axis speed</b>	mm/s	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150
<b>R-axis positioning accuracy</b>	+/- 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
<b>Z-axis speed</b>	mm/s	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
<b>Z-axis speed (6 axes)</b>	mm/s	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
<b>Y approach speed</b>	mm/s	180	180	180	180	180	180	190	190	190	190	190	190	190	190	190	190
<b>Y working speed</b>	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
<b>Y working speed for robot operation</b>	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
<b>Y return speed</b>	mm/s	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150
<b>Y positioning accuracy</b>	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
<b>Hydraulic-dynamic crowning</b>		hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.
<b>Movable front workpiece supports</b>	mm	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750
<b>Motor power</b>	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
<b>Voltage</b>		3 x 400 V, 50/60 Hz															
<b>Oil capacity</b>	l	150	165	180	235	205	240	310	300	400	390	390	375	445	610	550	610
<b>Weight</b>	t	6	6.6	7	7.6	9	11	8	9.8	12.4	11	12	16	15	18.5	18.5	22
<b>Color</b>		standard															
<b>Machine assembly</b>		overfloor															
<b>Operator terminal</b>		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															
<b>Safety equipment</b>		Fast Bend, manually adjustable in height															

# Xpert 250–500

Types		Xpert 250		Xpert 320			Xpert 400						Xpert 500				
Tonnage	kN	2500	2500	3200	3200	3200	4000	4000	4000	4000	4000	4000	5000	5000	4000	5000	5000
Bending length	mm	5100	6200	5100	6200	7200	3100	4100	5100	6200	7200	8200	4100	5100	6200	7200	8200
Standard stroke	mm	265	265	265	265	265	265	265	265	265	265	265	365	365	365	365	365
Open height	mm	550	550	550	550	550	550	550	550	550	550	550	650	650	650	650	650
Distance between side frames	mm	4600	5100	4600	5100	6100	2600	3600	4600	5100	6100	7100	3600	4600	5100	6100	7100
Throat	mm	400	400	400	400	400	400	400	400	400	400	400	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	1100	1100
X-axis travel	mm	700	700	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	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	130	130	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	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
Y approach speed	mm/s	130	130	130	130	130	120	120	120	120	120	120	100	100	100	100	100
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 return speed	mm/s	115	115	130	130	130	100	100	100	100	100	100	115	115	115	115	115
Y 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	0.01	0.01
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											
Number		2	3	2	3	3											
Movable, reinforced front workpiece supports	mm						1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
Number							2	2	2	3	3	3	3	3	3	3	3
Motor power	kW	22	22	30	30	30	30	30	30	30	30	30	37	37	37	37	37
Voltage																	3 x 400 V, 50/60 Hz
Oil capacity	l	720	800	600	650	700	630	720	920	1130	935	1000	970	970	1100	1200	1300
Weight	t	26	30	29	36	43	26	27	35	43	50	61	41	46	54	64	73
Color																	standard
Machine assembly																	overfloor and underfloor
Lower beam underfloor	mm	200	250	170	430	530	0	170	550	600	700	900	600	750	800	950	1000
Side frame underfloor	mm	0	0	0	0	0	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																	Fast Bend, manually adjustable in height

# Xpert 650–1000

Types		Xpert 650					Xpert 800				Xpert 1000			
Tonnage	kN	6500	6500	6500	6500	6500	8000	8000	8000	8000	10000	10000	10000	10000
Bending length	mm	4100	5100	6200	7200	8200	5100	6200	7200	8200	5100	6200	7200	8200
Standard stroke	mm	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
Distance between side frames	mm	3500	4500	5100	6100	7100	4400	5100	6100	7100	4200	5100	6100	7100
Throat	mm	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
X-axis travel	mm	700	700	700	700	700	700	700	700	700	600	600	600	600
X-axis speed	mm/s	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
R-axis travel	mm	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	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
Z-axis speed	mm/s	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
Y approach speed	mm/s	100	100	100	100	100	80	80	80	80	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
Y return speed	mm/s	95	95	95	95	95	95	95	95	95	70	70	70	70
Y 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
Hydraulic-dynamic crowning		hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.
Movable, reinforced front workpiece supports	mm	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
Number		3	3	3	3	3	3	3	3	3	2	3	3	3
Motor power	kW	45	45	45	45	45	55	55	55	55	75	75	75	75
Voltage		3 x 400 V, 50/60 Hz												
Oil capacity	l	1150	1150	1300	1600	1600	1300	1300	1600	1600	1600	1600	1600	1600
Weight	t	51	59	68	76	91	69	73	86	103	90	100	115	125
Color		standard												
Machine assembly		overfloor and underfloor												
Lower beam underfloor	mm	750	900	1100	1250	1400	1050	1150	1350	1550	1200	1250	1250	1250
Side frame underfloor	mm	400	400	400	400	400	510	510	510	510	1000	1000	1000	1000
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		Fast Bend, manually adjustable in height												

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