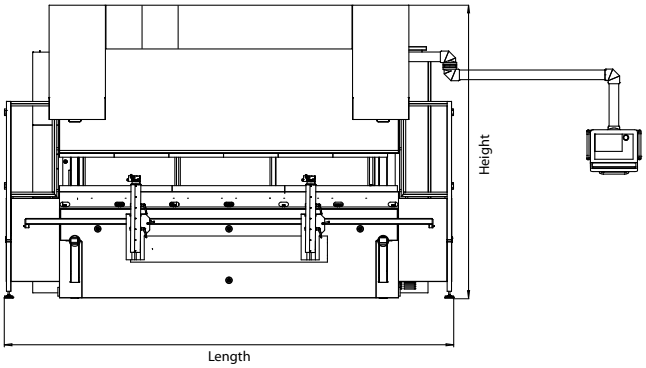
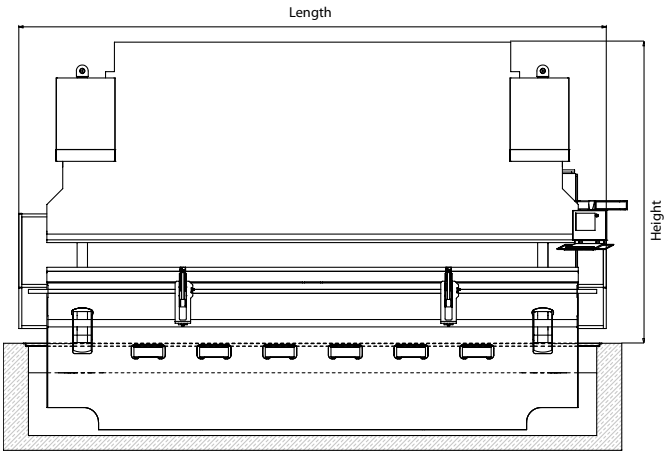
Technical Data

Xpert

Xpert 60–320



Xpert 250–1000



Typen	Bending length	Length	Width	Height
Xpert 60	2050	3100	2000	2600
	2550	3600	2000	2600
Xpert 100	2050	3100	2050	2600
	2550	3600	2050	2600
	3100	4100	2050	2600
	4100	5100	2050	2780
Xpert 150	2550	3600	2050	2600
	3100	4100	2050	2600
	4100	5100	2050	2780
Xpert 200	2550	3600	2050	2650
	3100	4100	2050	2650
	4100	5100	2050	2900
Xpert 250	3100	4100	2050	3000
	4100	5100	2050	3150
Xpert 320	3100	4100	2100	3150
	4100	5100	2100	3150
Xpert 250	5100	5880	2185	3455
	6200	6880	2185	3580
Xpert 320	5100	5880	2200	3380
	6200	6880	2200	3480
	7200	7880	2200	3680
Xpert 400	3100	3880	2200	3230
	4100	4880	2200	3230
	5100	5880	2200	3380
	6200	6880	2200	3380
	7200	7880	2200	3580
	8200	8880	2200	3780
Xpert 500	4100	4920	2610	3595
	5100	5920	2610	3595
	6200	6920	2610	3680
	7200	7920	2610	3980
	8200	8920	2610	4280
Xpert 650	4100	5860	2645	3770
	5100	5860	2645	3770
	6200	6960	2645	3880
	7200	7960	2645	4080
	8200	8960	2645	4280
Xpert 800	5100	5800	3025	4080
	6200	7000	3025	4080
	7200	8000	3025	4280
	8200	9000	3025	4480
Xpert 1000	5100	6100	3250	4580
	6200	7000	3250	4680
	7200	8000	3250	4880
	8200	9000	3250	4880
	9200	10 000	3250	5280
	10 200	11 000	3250	5280

figures in mm

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
Table width	mm	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
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	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650
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	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200
z-axis travel	mm	900	1450	900	1450	1900	2900	1450	1900	2900	1450	1900	2900	1900	2900	1900	2900
z-axis speed	mm/s	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500
z-axis speed (6 axes)	mm/s	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200
y approach speed	mm/s	220*	220*	220*	220*	220*	220*	220*	220*	220*	220*	220*	220*	220*	220*	220*	220*
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	250*	250*	250*	250*	250*	250*	250*	250*	250*	250*	250*	250*	250*	250*	250*	250*
y 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
Crowning		hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.
Hydraulic tool clamping		opt.	opt.	opt.	opt.	opt.	opt.	opt.	opt.	opt.	opt.	opt.	opt.	opt.	opt.	opt.	opt.
Main motor power	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
Oil capacity	l	150	160	180	240	200	240	310	300	400	390	390	400	440	600	550	600
Weight	t	6	6,6	7	7,6	9	11	8	9,8	12,4	11	12	16	15	18,5	18,5	22
Operation		ByVision Bending															
Safety equipment		Fast Bend, manually adjustable in height															

* up to

** Normal range of application. Deviations possible

The right to make changes to dimensions, construction, and equipment is reserved. ISO 9001-certified

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	5000	500	500
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
Table width	mm	60	60	60	60	60	60	60	60	60	60	60	110	110	110	110	110
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
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
z-axis travel	mm	3900	4400	3700	4400	5400	1900	2900	3700	4400	5400	6400	2900	3700	4400	5400	6400
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	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800
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
Crowning		hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.
Hydraulic tool clamping		opt.	opt.	opt.	opt.	opt.	opt.	opt.	opt.	opt.	opt.	opt.	opt.	opt.	opt.	opt.	opt.
Main motor power	kW	22	22	30	30	30	30	30	30	30	30	30	37	37	37	37	37
Oil capacity	l	600	650	600	650	700	550	600	600	650	700	1000	1000	1050	1100	1200	1300
Weight	t	26	30	29	36	43	26	27	35	43	50	61	41	46	54	64	73
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
Operation		ByVision Bending															
Safety equipment		Fast Bend, manually adjustable in height															

* Normal range of application. Deviations possible

The right to make changes to dimensions, construction, and equipment is reserved. ISO 9001-certified

Xpert 650–1000

Types		Xpert 650					Xpert 800				Xpert 1000					
Tonnage	kN	6500	6500	6500	6500	6500	8000	8000	8000	8000	10 000	10 000	10 000	10 000	10 000	10 000
Bending length	mm	4100	5100	6200	7200	8200	5100	6200	7200	8200	5100	6200	7200	8200	9200	10 200
Standard stroke	mm	365	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	650
Distance between side frames	mm	3500	4500	5100	6100	7100	4400	5100	6100	7100	4200	5100	6100	7100	8100	9100
Throat	mm	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
Table width	mm	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110
Max. backgauge range in x	mm	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
x-axis speed	mm/s	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
r-axis travel	mm	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
z-axis travel	mm	2700	3700	4400	5400	6400	3700	4400	5400	6400	3500	4400	5400	6400	7400	8400
z-axis speed	mm/s	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
z-axis speed (6 axes)	mm/s	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800
y approach speed	mm/s	100	100	100	100	100	80	80	80	80	70	70	70	70	70	70
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
y return speed	mm/s	95	95	95	95	95	95	95	95	95	70	70	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	0,01	0,01
Crowning		hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.						
Main motor power	kW	45	45	45	45	45	55	55	55	55	75	75	75	75	75	75
Oil capacity	l	1150	1150	1300	1600	1600	1300	1300	1600	1600	1600	1600	1600	1600	1800	2000
Weight	t	51	59	68	76	91	69	73	86	103	90	100	115	125	140	160
Lower beam underfloor	mm	750	900	1100	1250	1400	1050	1150	1350	1550	1200	1250	1250	1750	2050	2050
Side frame underfloor	mm	400	400	400	400	400	510	510	510	510	1000	1000	1000	1000	1000	1000
Operation		ByVision Bending														
Safety equipment		Fast Bend, manually adjustable in height														

* Normal range of application. Deviations possible

The right to make changes to dimensions, construction, and equipment is reserved. ISO 9001-certified

Bystronic
Best choice.

Laser | Bending | Waterjet
bystronic.com

Xpert Technical datan/1309eng/© Copyright Bystronic 2013