

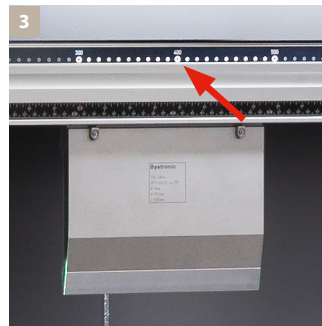
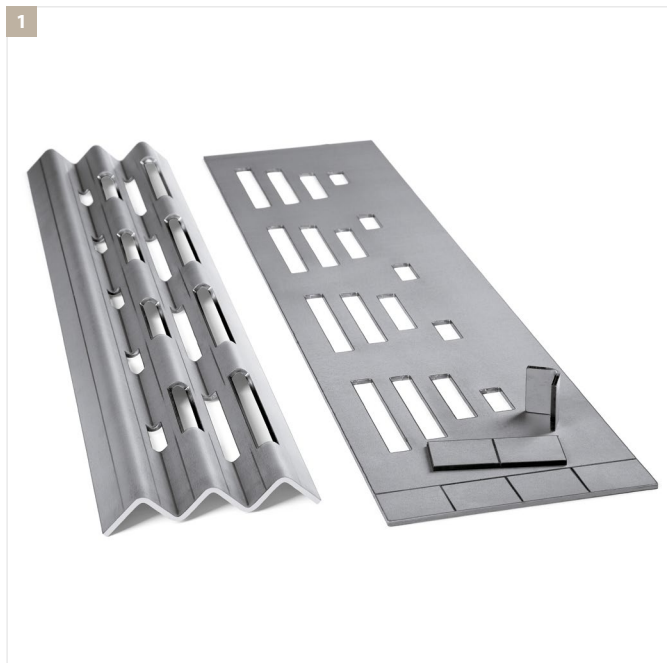


Xpert

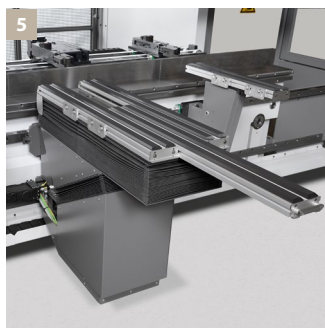
Top-of the-range machine with very high position and repetition accuracy

Customer benefits

- Worldwide, the most extensive database, which can be simply expanded with additional material characteristics and parameters
- The only machine that does not produce angle errors. It offers the highest repetition accuracy on the market
- First class bending results thanks to pressure reference technology with fully automatic dynamic crowning
- The wide range of equipment packages guarantee a customer-specific and flexible machine specification
- At the press of a single button, perfect bend results are achieved independent of operator knowledge
- Fully comprehensive CAD/CAM: there are only six mouse clicks between 3D data file and 3D part



- 1 Hydraulic dynamic crowning
- 2 Detachable Bending line laser
- 3 Optical bend guiding system
- 4 Tablet Control
- 5 Bending aids
- 6 Laser angle measuring system with automatic correction LAMS
- 7 PartID (part identification)



Xpert
250, 320, 400, 500, 650, 800, 1000

Tonnage	275 – 1,100 US tons
Bending length	10.2 – 33.4 ft
Open height	21.6 – 25.5 in
Standard stroke	10.4 – 14.3 in
Max. high speed	5.1 in/s
Max. working speed	0.4 in/s



Xpert Technical Data





	Xpert 250/5100	Xpert 250/6200	Xpert 320/5100	Xpert 320/6200	Xpert 320/7200
Length	231.5 inch	270.9 inch	231.5 inch	270.9 inch	310.3 inch
Width	86.1 inch	86.1 inch	86.7 inch	86.7 inch	86.7 inch
Height	136.1 inch	141 inch	133.1 inch	137.1 inch	144.9 inch
Tonnage	275 t	275 t	352 t	352 t	352 t
Bending length	200.8 inch	244.1 inch	200.8 inch	244.1 inch	283.5 inch
Standard stroke	10.5 inch	10.5 inch	10.5 inch	10.5 inch	10.5 inch
Open height	21.7 inch	21.7 inch	21.7 inch	21.7 inch	21.7 inch
Distance between the side stands	181.2 inch	200.8 inch	181.2 inch	200.8 inch	240.2 inch
Throat	15.8 inch	15.8 inch	15.8 inch	15.8 inch	15.8 inch
Table width	2.37 inch	2.37 inch	2.37 inch	2.37 inch	2.37 inch
Max. backgauge range in X (2/4/5 axes)	43.4 inch	43.4 inch	43.4 inch	43.4 inch	43.4 inch
X-axis travel (2/4/5 axes)	27.6 inch	27.6 inch	27.6 inch	27.6 inch	27.6 inch
X-axis speed (2/4/5 axes)	1181.2 inch/min	1181.2 inch/min	1181.2 inch/min	1181.2 inch/min	1181.2 inch/min
X-axis accuracy (2/4/5 axes)	0.0008 inch	0.0008 inch	0.0008 inch	0.0008 inch	0.0008 inch
R-axis travel (2/4/5 axes)	590.6 inch	590.6 inch	590.6 inch	590.6 inch	590.6 inch
R-axis speed (2/4/5 axes)	354.4 inch/min	354.4 inch/min	354.4 inch/min	354.4 inch/min	354.4 inch/min
R-axis accuracy (2/4/5 axes)	0.004 inch	0.004 inch	0.004 inch	0.004 inch	0.004 inch
Z-axis travel	156 inch	176 inch	148 inch	176 inch	216 inch
Z-axis speed (4/5 axes)	2362.3 inch/min	2362.3 inch/min	2362.3 inch/min	2362.3 inch/min	2362.3 inch/min
Z-axis accuracy (4/5 axes)	0.0008 inch	0.0008 inch	0.0008 inch	0.0008 inch	0.0008 inch
Max. Y-rapid traverse	307.1 inch/min	307.1 inch/min	307.1 inch/min	307.1 inch/min	307.1 inch/min
Max. Y-working speed	24 inch/min	24 inch/min	24 inch/min	24 inch/min	24 inch/min
Y-return speed	271.7 inch/min	271.7 inch/min	307.1 inch/min	307.1 inch/min	307.1 inch/min
Y-axis accuracy	0.0004 inch	0.0004 inch	0.0004 inch	0.0004 inch	0.0004 inch
Oil capacity	158.5 gal	171.7 gal	158.5 gal	171.7 gal	184.9 gal
Main motor power	16.5 HP	16.5 HP	22.4 HP	22.4 HP	22.4 HP
Weight	57,304 lbs	66,120 lbs	63,916 lbs	79,344 lbs	94,772 lbs
Side frame underfloor	0 inch	0 inch	0 inch	0 inch	0 inch
Lower beam underfloor	7.9 inch	9.9 inch	6.7 inch	17 inch	20.9 inch

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

The technical data can vary in the different countries, according to local security rules and configuration of the machine.



	Xpert 400/3100	Xpert 400/4100	Xpert 400/5100	Xpert 400/6200	Xpert 400/7200	Xpert 400/8200
Length	152.8 inch	192.2 inch	231.5 inch	270.9 inch	310.3 inch	349.7 inch
Width	86.7 inch	86.7 inch	86.7 inch	86.7 inch	86.7 inch	86.7 inch
Height	127.2 inch	127.2 inch	133.1 inch	133.1 inch	141 inch	148.9 inch
Tonnage	440 t	440 t	440 t	440 t	440 t	440 t
Bending length	122.1 inch	161.5 inch	200.8 inch	244.1 inch	283.5 inch	322.9 inch
Standard stroke	10.5 inch	10.5 inch	10.5 inch	10.5 inch	10.5 inch	10.5 inch
Open height	21.7 inch	21.7 inch	21.7 inch	21.7 inch	21.7 inch	21.7 inch
Distance between the side stands	102.4 inch	141.8 inch	181.2 inch	200.8 inch	240.2 inch	279.6 inch
Throat	15.8 inch	15.8 inch	15.8 inch	15.8 inch	15.8 inch	15.8 inch
Table width	2.37 inch	2.37 inch	2.37 inch	2.37 inch	2.37 inch	2.37 inch
Max. backgauge range in X (2/4/5 axes)	43.4 inch	43.4 inch	43.4 inch	43.4 inch	43.4 inch	43.4 inch
X-axis travel (2/4/5 axes)	27.6 inch	27.6 inch	27.6 inch	27.6 inch	27.6 inch	27.6 inch
X-axis speed (2/4/5 axes)	1181.2 inch/min	1181.2 inch/min	1181.2 inch/min	1181.2 inch/min	1181.2 inch/min	1181.2 inch/min
X-axis accuracy (2/4/5 axes)	0.0008 inch	0.0008 inch	0.0008 inch	0.0008 inch	0.0008 inch	0.0008 inch
R-axis travel (2/4/5 axes)	590.6 inch	590.6 inch	590.6 inch	590.6 inch	590.6 inch	590.6 inch
R-axis speed (2/4/5 axes)	354.4 inch/min	354.4 inch/min	354.4 inch/min	354.4 inch/min	354.4 inch/min	354.4 inch/min
R-axis accuracy (2/4/5 axes)	0.004 inch	0.004 inch	0.004 inch	0.004 inch	0.004 inch	0.004 inch
Z-axis travel	76 inch	116 inch	148 inch	176 inch	216 inch	256 inch
Z-axis speed (4/5 axes)	2362.3 inch/min	2362.3 inch/min	2362.3 inch/min	2362.3 inch/min	2362.3 inch/min	2362.3 inch/min
Z-axis accuracy (4/5 axes)	0.0008 inch	0.0008 inch	0.0008 inch	0.0008 inch	0.0008 inch	0.0008 inch
Max. Y-rapid traverse	283.5 inch/min	283.5 inch/min	283.5 inch/min	283.5 inch/min	283.5 inch/min	283.5 inch/min
Max. Y-working speed	24 inch/min	24 inch/min	24 inch/min	24 inch/min	24 inch/min	24 inch/min
Y-return speed	236.3 inch/min	236.3 inch/min	236.3 inch/min	236.3 inch/min	236.3 inch/min	236.3 inch/min
Y-axis accuracy	0.0004 inch	0.0004 inch	0.0004 inch	0.0004 inch	0.0004 inch	0.0004 inch
Oil capacity	145.3 gal	158.5 gal	158.5 gal	171.7 gal	184.9 gal	263.2 gal
Main motor power	22.4 HP	22.4 HP	22.4 HP	22.4 HP	22.4 HP	22.4 HP
Weight	57,304 lbs	59,508 lbs	77,140 lbs	94,772 lbs	110,200 lbs	134,444 lbs
Side frame underfloor	0 inch	0 inch	0 inch	0 inch	0 inch	0 inch
Lower beam underfloor	0 inch	6.7 inch	21.7 inch	23.7 inch	27.6 inch	35.5 inch

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

The technical data can vary in the different countries, according to local security rules and configuration of the machine.



	Xpert 800/5100	Xpert 800/6200	Xpert 800/7200	Xpert 800/8200
Length	228.4 inch	275.6 inch	315 inch	354.4 inch
Width	119.1 inch	119.1 inch	119.1 inch	119.1 inch
Height	160.7 inch	160.7 inch	168.6 inch	176.4 inch
Tonnage	880 t	880 t	880 t	880 t
Bending length	200.8 inch	244.1 inch	283.5 inch	322.9 inch
Standard stroke	14.4 inch	14.4 inch	14.4 inch	14.4 inch
Open height	25.6 inch	25.6 inch	25.6 inch	25.6 inch
Distance between the side stands	173.3 inch	200.8 inch	240.2 inch	279.6 inch
Throat	19.7 inch	19.7 inch	19.7 inch	19.7 inch
Table width	4.35 inch	4.35 inch	4.35 inch	4.35 inch
Max. backgauge range in X (2/4/5 axes)	43.4 inch	43.4 inch	43.4 inch	43.4 inch
X-axis travel (2/4/5 axes)	27.6 inch	27.6 inch	27.6 inch	27.6 inch
X-axis speed (2/4/5 axes)	1181.2 inch/min	1181.2 inch/min	1181.2 inch/min	1181.2 inch/min
X-axis accuracy (2/4/5 axes)	0.00157 inch	0.00157 inch	0.00157 inch	0.00157 inch
R-axis travel (2/4/5 axes)	9.8 inch	9.8 inch	9.8 inch	9.8 inch
R-axis speed (2/4/5 axes)	354.4 inch/min	354.4 inch/min	354.4 inch/min	354.4 inch/min
R-axis accuracy (2/4/5 axes)	0.004 inch	0.004 inch	0.004 inch	0.004 inch
Z-axis travel	145.6 inch	173.2 inch	212.6 inch	251.9 inch
Z-axis speed (4/5 axes)	2362.3 inch/min	2362.3 inch/min	2362.3 inch/min	2362.3 inch/min
Z-axis speed (6 axes)	1890 inch/min	1890 inch/min	1890 inch/min	1890 inch/min
Z-axis accuracy (4/5 axes)	0.00394 inch	0.00394 inch	0.00394 inch	0.00394 inch
Max. Y-rapid traverse	189 inch/min	189 inch/min	189 inch/min	189 inch/min
Max. Y-working speed	24 inch/min	24 inch/min	24 inch/min	24 inch/min
Y-return speed	224.5 inch/min	224.5 inch/min	224.5 inch/min	224.5 inch/min
Y-axis accuracy	0.0004 inch	0.0004 inch	0.0004 inch	0.0004 inch
Oil capacity	342.2 gal	342.2 gal	421.1 gal	421.1 gal
Main motor power	41.1 HP	41.1 HP	41.1 HP	41.1 HP
Weight	152,076 lbs	160,892 lbs	189,544 lbs	227,012 lbs
Side frame underfloor	20.1 inch	20.1 inch	20.1 inch	20.1 inch
Lower beam underfloor	41.4 inch	45.3 inch	53.2 inch	61.1 inch

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

The technical data can vary in the different countries, according to local security rules and configuration of the machine.



	Xpert 1000/5100	Xpert 1000/6200	Xpert 1000/7200	Xpert 1000/8200	Xpert 1000/9200	Xpert 1000/10200
Length	240.2 inch	275.6 inch	315 inch	354.4 inch	393.8 inch	433.1 inch
Width	128 inch	128 inch	128 inch	128 inch	128 inch	128 inch
Height	180.4 inch	184.3 inch	192.2 inch	192.2 inch	207.9 inch	207.9 inch
Tonnage	1100 t	1100 t	1100 t	1100 t	1100 t	1100 t
Bending length	200.8	244.1	283.5	322.9	362.3	401.6
Standard stroke	14.4 inch	14.4 inch	14.4 inch	14.4 inch	14.4 inch	14.4 inch
Open height	25.6 inch	25.6 inch	25.6 inch	25.6 inch	25.6 inch	25.6 inch
Distance between the side stands	165.4 inch	200.8 inch	240.2 inch	279.6 inch	318.9 inch	358.3 inch
Throat	19.7 inch	19.7 inch	19.7 inch	19.7 inch	19.7 inch	19.7 inch
Table width	4.35 inch	4.35 inch	4.35 inch	4.35 inch	4.35 inch	4.35 inch
Max. backgauge range in X (2/4/5 axes)	43.4 inch	43.4 inch	43.4 inch	43.4 inch	43.4 inch	43.4 inch
X-axis travel (2/4/5 axes)	23.7 inch	23.7 inch	23.7 inch	23.7 inch	23.7 inch	23.7 inch
X-axis speed (2/4/5 axes)	1181.2 inch/min	1181.2 inch/min	1181.2 inch/min	1181.2 inch/min	1181.2 inch/min	1181.2 inch/min
X-axis accuracy (2/4/5 axes)	0.00157 inch	± 0.00157 inch	± 0.00157 inch	± 0.00157 inch	± 0.00157 inch	± 0.00157 inch
R-axis travel (2/4/5 axes)	9.8 inch	9.8 inch	9.8 inch	9.8 inch	9.8 inch	9.8 inch
R-axis speed (2/4/5 axes)	354.4 inch/min	354.4 inch/min	354.4 inch/min	354.4 inch/min	354.4 inch/min	354.4 inch/min
R-axis accuracy (2/4/5 axes)	0.004 inch	± 0.004 inch	± 0.004 inch	± 0.004 inch	± 0.004 inch	± 0.004 inch
Z-axis travel	137.8 inch	173.2 inch	212.6 inch	251.9 inch	291.3 inch	330.7 inch
Z-axis speed (4/5 axes)	2362.3 inch/min	2362.3 inch/min	2362.3 inch/min	2362.3 inch/min	2362.3 inch/min	2362.3 inch/min
Z-axis speed (6 axes)	1890 inch/min	1890 inch/min	1890 inch/min	1890 inch/min	1890 inch/min	1890 inch/min
Z-axis accuracy (4/5 axes)	0.00394 inch	± 0.00394 inch	± 0.00394 inch	± 0.00394 inch	± 0.00394 inch	± 0.00394 inch
Max. Y-rapid traverse	165.4 inch/min	165.4 inch/min	165.4 inch/min	165.4 inch/min	165.4 inch/min	165.4 inch/min
Max. Y-working speed	24 inch/min	24 inch/min	24 inch/min	24 inch/min	24 inch/min	24 inch/min
Y-return speed	165.4 inch/min	165.4 inch/min	165.4 inch/min	165.4 inch/min	165.4 inch/min	165.4 inch/min
Y-axis accuracy	0.0004 inch	± 0.0004 inch	± 0.0004 inch	± 0.0004 inch	± 0.0004 inch	± 0.0004 inch
Oil capacity	421.1 gal	421.1 gal	421.1 gal	421.1 gal	473.7 gal	526.4 gal
Main motor power	56 HP	56 HP	56 HP	56 HP	56 HP	56 HP
Weight	198,360 lbs	220,400 lbs	253,460 lbs	275,500 lbs	308,560 lbs	352,640 lbs
Side frame underfloor	39.4 inch	39.4 inch	39.4 inch	39.4 inch	39.4 inch	39.4 inch
Lower beam underfloor	47.3 inch	49.3 inch	49.3 inch	68.9 inch	80.8 inch	80.8 inch

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

The technical data can vary in the different countries, according to local security rules and configuration of the machine.



The content of this page could not be output.
Please contact your Bystronic consultant in this regard.



Bending tools

Use the right tools to achieve perfect bending results when air bending, embossing, and 3-point bending. Original tools from Bystronic are capable of unleashing the full potential of the machine's features, in order to ensure that your parts are always bent with utmost precision.

Customer benefits

- The quality of our tools is specifically designed and tested for Bystronic press brakes and your applications
- Bystronic bending tools (available with a variety of clamping types) are flexible and versatile, in order to cover your applications
- Original tool plus bending data: With every bending tool, you also receive the relevant import data for your press brake's software
- For particularly challenging applications, our tool specialists will be glad to advise and support you with the design of customized solutions
- The special production process and the high-strength quenched and tempered steel of our tools guarantee a long service life even under tough conditions
- The right tool for your product: You show us the product you want to manufacture, we recommend the suitable bending tool setup
- Bystronic bending tools can also be used with third-party press brakes. For this purpose, Bystronic offers its tools with various clamping styles