

B-GIANT[®] SERIES

PRESS BRAKE

+ INDUSTRY 4.0



STANDARD

- 7 Axis CNC:
 - + Y1, Y2 precision ram positioning
 - + X, R precision servo-driven back gauge
 - + Z1, Z2 Axes
 - + CNC motorized wave crowning
- Large trio of value:
 - + Large open height
 - + Large stroke
 - + Large throat depth
- Safety laser with manual F. AKAS II M -FPSC-B-C + safety covers with switch
- Delem DA-66T touch screen CNC control unit with 3D graphical visualization
- Clamping:
 - + American/European section-style box punch clamps
(standard on 440 Ton and lower)
 - + American-only style punch clamp available at no charge on 440 Ton and lower
 - Standard X Axis travel is 32.3" with third gauge step capable of gauging parts up to 41.7" with standard back gauge (most machines)
 - Stable and fast AC servo motor-driven precision back gauge with linear guide and ball bearing system (X, R, Z1, Z2)
 - Quick-set sliding front sheet support arms with full-length linear guide, tilting stop and T-slot (front gauge squaring, etc.)
 - Protection covers (side and rear safety doors)
 - Rear work light
 - World-class hydraulic and electronic components that are easily replaceable (parts stocked by us or available off-the-shelf from your local supplier):
 - + Hydraulic blocks and valves (Hoerbiger)
 - + Electronics system (Siemens, Schneider, Mitsubishi)
 - Adjustable height suspension control unit arm
 - High-yield plate construction
 - Ability to accurately fade ram
 - Stage bending
 - Automatic bend sequence determination
 - Automatic stretch length calculator for blank size determination
 - Hydraulic Oil (up to 250 Ton machines)

OPTIONAL

- Safety laser: Motorized F. AKAS III M
- Light curtain: SICK C 4000 for tandem/trio/quad machines
- Adaptive bending sensors (angle measurement)
- Up to 14+ Axes available:
 - + X1, X2 Axes
 - + R1, R2 Axes
 - + X Prime (Delta X) Axis, +/- 5" stroke (10" total)
 - + X Axis = 40" external travel – back protection with light barrier
 - + X1, X2 Axes for light pole production
 - + Sheet follower with sliding guide – motorized height adjustment
 - + Front feeding system with supports
 - + Front feeding system with supports – pneumatic pushers
- Other CNC control units available:
 - + Delem DA-69T touch screen 2D/3D CNC control
 - + Cybelec ModEva 10S/12S/15S 3D with PC 1200 3D SW
- Clamping:
 - + Quick release clamping
 - + RMT hydraulic or mechanical clamping
 - + Wila or Wilson hydraulic or mechanical clamping
- Various tool options (RMT, Euro-American, Wila or Wilson)
- Extended back gauge stroke & back protection with light barrier
- Off-line software (V-Bend, Radbend, Profile-W)
- Tooling packages
- Multiple brake configurations available:
 - + Tandem configuration
 - + Trio configuration
 - + Quad configuration
 - + High tonnage flush floor models
- Custom Colors



B-GIANT

B-GIANT SERIES	STANDARD MACHINE CHARACTERISTICS													
	BENDING FORCE	BENDING LENGTH	DISTANCE BETWEEN FRAMES	LENGTH OF RAM STROKE	DAYLIGHT	THROAT DEPTH	BED HEIGHT	BED CAP WIDTH (STANDARD)	BED CAP WIDTH (OPTIONAL)	# SLIDING FRONT SUPPORT ARMS	MOTOR POWER	OIL TANK CAPACITY	DEPTH OF PIT	
	(US)	A	B	C	D	E	F	G1	G2	QTY			P1	P2
	Tons	Feet	Feet	Inch	Inch	Inch	Inch	Inch	Inch	Pcs.	HP	Gal	Inch	Inch
B-GIANT 14-660	660	14' 1"	12' 4"	15.2"	24.4"	20.1"	47.2"	12'	19.7"	2	60	132	-	-
B-GIANT 20-660	660	20'	16' 8"	15.2"	24.4"	20.1"	41.3"	12'	19.7"	4	60	132	14.6"	45.3"
B-GIANT 20-900	900	20'	16' 8"	19.7"	29.5"	29.5"	41.3"	12'	19.7"	4	60	185	23.6"	47.2"
B-GIANT 23-900	900	23' 3"	16' 8"	19.7"	29.5"	29.5"	41.3"	12'	19.7"	4	60	185	23.6"	47.2"
B-GIANT 26-900	900	26' 6"	19' 10"	19.7"	29.5"	29.5"	41.3"	12'	19.7"	4	60	185	27.6"	66.9"
B-GIANT 20-1100	1100	20'	16' 8"	19.7"	29.5"	29.5"	31.5"	19.7"	RQST	4	75	238	27.6"	59.1"
B-GIANT 23-1100	1100	23' 3"	16' 8"	19.7"	29.5"	29.5"	31.5"	19.7"	RQST	4	75	238	27.6"	59.1"
B-GIANT 26-1100	1100	26' 6"	19' 10"	19.7"	29.5"	29.5"	31.5"	19.7"	RQST	4	75	238	27.6"	74.8"
B-GIANT 23-1400	1400	23' 3"	16' 8"	19.7"	29.5"	29.5"	31.5"	19.7"	RQST	4	100	264	27.6"	74.8"
B-GIANT 26-1400	1400	26' 6"	19' 10"	19.7"	29.5"	29.5"	31.5"	19.7"	RQST	4	100	264	27.6"	56.6"
B-GIANT 26-1800	1800	26' 6"	20'	23.6"	33.5"	29.5"	39.4"	19.7"	RQST	4	120	330	39.4"	63.0"
B-GIANT 26-2200	2200	26' 6"	20'	23.6"	33.5"	29.5"	41.3"	19.7"	RQST	4	180	396	39.4"	78.7"
	2200+	26+	PLEASE CONSULT YOUR DEALER OR RMT REPRESENTATIVE											

Due to ongoing product development, machine specifications can change at any time.



B-GIANT



B-GIANT SERIES	RAM SPEEDS PROGRAMMABLE				BACK GAUGE SYSTEM						MACHINE DIMENSIONS		
	Y-AXIS APPROACH SPEED	Y-AXIS FORMING SPEED	DECOMPRESSION	Y-AXIS RETURN SPEED	X-AXIS SPEED	X-AXIS TRAVEL	3 RD GAUGEABLE FINGER POSITION	CNC R-AXIS MAX SPEED	CNC R-AXIS TRAVEL	# BACKGAUGE FINGER BLOCKS	LENGTH	WIDTH	HEIGHT
	Prog.	Prog.	Prog.	Prog.	Prog.	Prog.	Prog.	Std.	Std.	QTY	L	W	H
	I.P.M.	I.P.M.	I.P.M.	I.P.M.	I.P.M.	Inch	Inch	I.P.M.	Inch	Pcs.	Inch	Inch	Inch
B-GIANT 14-660	0-213	0-19	0-24	20-165	1-709	39"	49"	1-189	10"	2	213"	94"	157"
B-GIANT 20-660	0-213	0-19	0-24	20-166	1-709	39"	49"	1-189	10"	4	283"	94"	163"
B-GIANT 20-900	0-165	0-14	0-24	18-142	1-709	39"	49"	1-189	10"	4	283"	110"	187"
B-GIANT 23-900	0-165	0-14	0-24	18-142	1-709	39"	49"	1-189	10"	4	323"	110"	187"
B-GIANT 26-900	0-165	0-14	0-24	18-142	1-709	39"	49"	1-189	10"	4	362"	110"	197"
B-GIANT 20-1100	0-165	0-14	0-24	18-142	1-709	49"	59"	1-189	10"	4	283"	114"	193"
B-GIANT 23-1100	0-165	0-14	0-24	18-142	1-709	49"	59"	1-189	10"	4	323"	114"	193"
B-GIANT 26-1100	0-165	0-14	0-24	18-142	1-709	49"	59"	1-189	10"	4	362"	118"	197"
B-GIANT 23-1400	0-165	0-14	0-24	18-142	1-709	49"	59"	1-189	10"	4	323"	126"	197"
B-GIANT 26-1400	0-165	0-12	0-24	18-142	1-709	49"	59"	1-189	10"	4	362"	126"	205"
B-GIANT 26-1800	0-165	0-12	0-24	18-142	1-709	59"	79"	1-59	15.7"	4	362"	132"	220"
B-GIANT 26-2200	0-165	0-12	0-24	18-142	1-709	59"	69"	1-59	15.7"	4	362"	146"	228"

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