

B-GENIUS-E®

PRESS BRAKE

+ INDUSTRY 4.0



STANDARD

- 6 Axis CNC:
 - + Y1, Y2 precision ram positioning
 - + X, R precision servo-driven back gauge
 - + Z1, Z2 Axes
- 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
 - + American-only style punch clamp available
- 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 electronic components that are easily replaceable (parts stocked by us or available off-the-shelf from your local supplier):
 - + 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

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
- Custom Colors



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B-GENIUS-E SERIES	STANDARD MACHINE CHARACTERISTICS								
	BENDING FORCE	BENDING LENGTH	DISTANCE BETWEEN FRAMES	LENGTH OF RAM STROKE	DAYLIGHT	BED HEIGHT	BED CAP WIDTH (STANDARD)	# SLIDING FRONT SUPPORT ARMS	MAIN SERVO MOTOR POWER
	(US)	A	B	C	D	F	G1	QTY	
	Tons	Feet	Feet	Inch	Inch	Inch	Inch	Pcs.	HP
B-GENIUS-E 5-50	50	5' 2"	6'	12"	23.2"	41.3"	2.4"	2	3
B-GENIUS-E 7-80	80	6' 10"	7' 9"	12"	23.2"	41.3"	2.4"	2	3
B-GENIUS-E 9-100	100	8' 6"	9' 5"	12"	23.2"	41.3"	2.4"	2	3
B-GENIUS-E 10-120	120	10'	11'	12"	23.2"	41.3"	2.4"	2	3

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

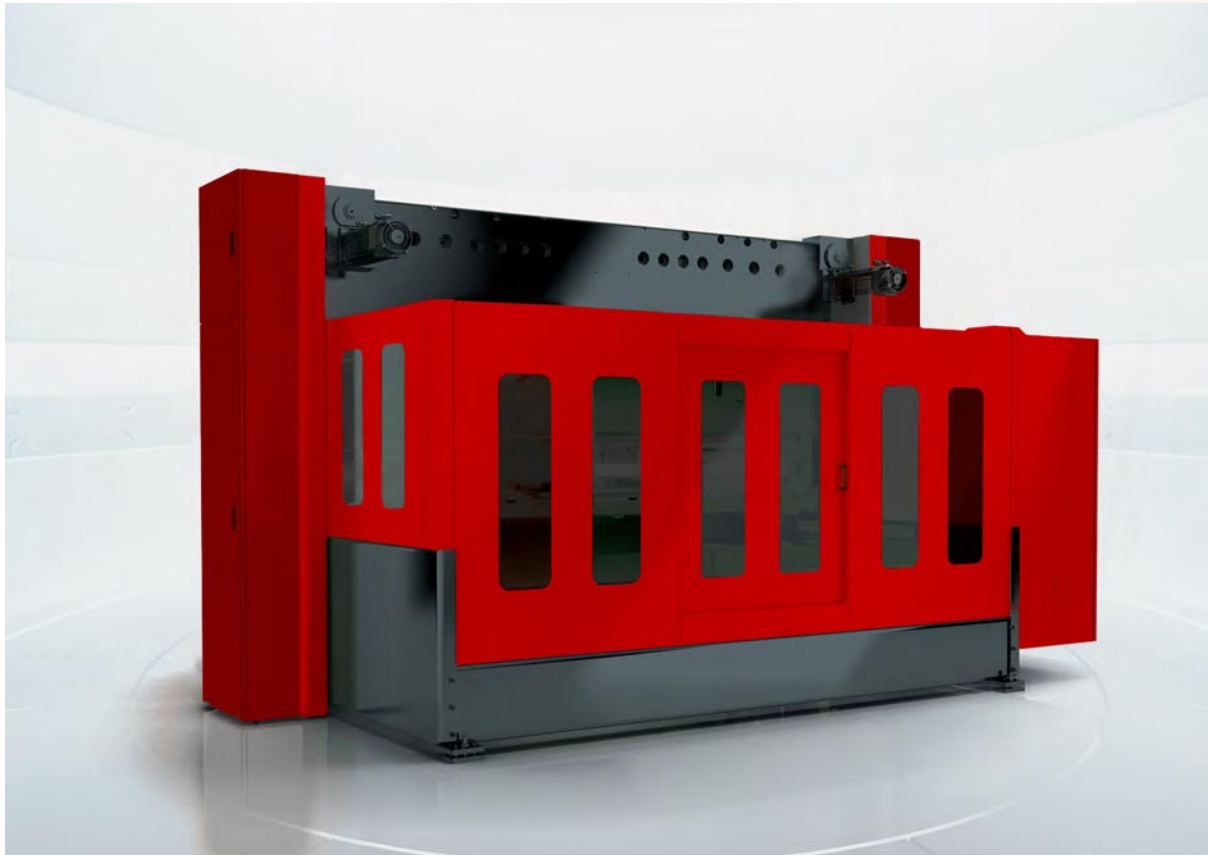


B-GENIUS-E



B-GENIUS-E SERIES	RAM SPEEDS PROGRAMMABLE					BACK GAUGE SYSTEM						MACHINE DIMENSIONS			
	Y-AXIS APPROACH SPEED	Y-AXIS FORMING SPEED	Y-AXIS FORMING SPEED UP TO 350 TON	DECOMPRESSION	Y-AXIS RETURN SPEED	X-AXIS SPEED	X-AXIS TRAVEL	R-AXIS MAX SPEED	R-AXIS TRAVEL	Z1-Z2 AXIS MAX. SPEED	# BACKGAUGE FINGER BLOCKS	LENGTH	WIDTH	HEIGHT	APPROX. WEIGHT
	Prog.	Prog.	Opt.	Prog.	Prog.	Prog.	Prog.	Std.	Std.	Opt.	QTY	L	W	H	lbs
	I.P.M.	I.P.M.	I.P.M.	I.P.M.	I.P.M.	I.P.M.	Inch	I.P.M.	Inch	I.P.M.	Pcs.	Inch	Inch	Inch	lbs
B-GENIUS-E 5-50	94-426	0-24	0-50	0-24	94-426	5-1182	31.5"	5-588	9.8"	5-2364	2	132.7"	90.2"	113.8"	10,694
B-GENIUS-E 7-80	94-282	0-24	0-50	0-24	94-282	5-1182	31.5"	5-588	9.8"	5-2364	2	152.4"	90.2"	113.8"	12,458
B-GENIUS-E 9-100	94-210	0-24	0-50	0-24	94-210	5-1182	31.5"	5-588	9.8"	5-2364	2	172"	90.2"	113.8"	14,333
B-GENIUS-E 10-120	94-180	0-24	0-50	0-24	94-180	5-1182	31.5"	5-588	9.8"	5-2364	2	191.7"	90.2"	113.8"	16,538

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Maximize your safety with the rear sliding cover and switch. Check inside the machine by means of the windows