

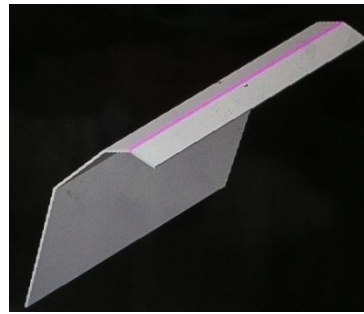
BEND IT



BRAKE IT

FORM IT

PRESS BRAKE SERVICE



**NEW 750 TON CNC 14' WIDE
PRESS BRAKE WITH CAPACITY
THRU 2" THICK STEEL PLATE**



**CHICAGO DIVISION
225 W. BURVILLE RD
CRETE, IL 60417
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universal
STEEL AMERICA, INC.

 A Member of the
Salzgitter Group

www.universalsteelamerica.com

USA Press Brake Parameters

General Guidelines:

- A). Left Side Of Matrix Indicates Current Press Brake Capability Using 12' Bottom Die And 4' Top Die.
- B). Right Side Of Matrix Indicates Press Brake Capability Using 12' Bottom Die And 12' Top Die.
- C). All Quotations And Jobs To Be Reviewed By USAC Production Personnel.
- D). Press Maximum Is 750 Tons.

Current Capability							Current Capability						
Grade	Thk	Bend Length (With Existing 4' Die)	Tons / Ft.	Forming Factor	Required Press Tonnage	Can USA Form (Yes / No)	Grade	Thk	Bend Length (With 12' Die)	Tons / Ft.	Forming Factor	Required Press Tonnage	Can USA Form (Yes / No)
Mild	0.25"	1 Foot	15.4	N/A	15.40	Yes	Mild	0.25"	5 Feet	15.40	N/A	77.00	Yes
Mild	0.50"	1 Foot	24.6	N/A	24.60	Yes	Mild	0.50"	5 Feet	24.60	N/A	123.00	Yes
Mild	1.00"	1 Foot	56.3	N/A	56.30	Yes	Mild	1.00"	5 Feet	56.30	N/A	281.50	Yes
Mild	2.00"	1 Foot	122.0	N/A	122.00	Yes	Mild	2.00"	5 Feet	122.00	N/A	610.00	Yes
Mild	0.25"	4 Feet	15.4	N/A	61.60	Yes	Mild	0.25"	12 Feet	15.40	N/A	184.80	Yes
Mild	0.50"	4 Feet	24.6	N/A	98.40	Yes	Mild	0.50"	12 Feet	24.60	N/A	292.20	Yes
Mild	1.00"	4 Feet	56.3	N/A	225.20	Yes	Mild	1.00"	12 Feet	56.30	N/A	675.60	Yes
Mild	2.00"	4 Feet	122.0	N/A	488.00	Yes	Mild	2.00"	12 Feet	122.00	N/A	1,464.00	No
A36	0.25"	1 Foot	15.4	1.6	24.64	Yes	A36	0.25"	5 Feet	15.40	1.6	123.20	Yes
A36	0.50"	1 Foot	24.6	1.6	39.36	Yes	A36	0.50"	5 Feet	24.60	1.6	196.80	Yes
A36	1.00"	1 Foot	56.3	1.6	90.08	Yes	A36	1.00"	5 Feet	56.30	1.6	450.40	Yes
A36	2.00"	1 Foot	122.0	1.6	195.20	Yes	A36	2.00"	5 Feet	122.00	1.6	976.00	No
A36	0.25"	4 Feet	15.4	1.6	98.56	Yes	A36	0.25"	12 Feet	15.40	1.6	295.68	Yes
A36	0.50"	4 Feet	24.6	1.6	157.44	Yes	A36	0.50"	12 Feet	24.60	1.6	472.32	Yes
A36	1.00"	4 Feet	56.3	1.6	360.32	Yes	A36	1.00"	12 Feet	56.30	1.6	1,080.96	No
A36	2.00"	4 Feet	122.0	1.6	780.80	No	A36	2.00"	12 Feet	122.00	1.6	2,342.40	No
A572 50	0.25"	1 Foot	15.4	1.6	24.64	Yes	A572 50	0.25"	5 Feet	15.40	1.6	123.20	Yes
A572 50	0.50"	1 Foot	24.6	1.6	39.36	Yes	A572 50	0.50"	5 Feet	24.60	1.6	196.80	Yes
A572 50	1.00"	1 Foot	56.3	1.6	90.08	Yes	A572 50	1.00"	5 Feet	56.30	1.6	450.40	Yes
A572 50	2.00"	1 Foot	122.0	1.6	195.20	Yes	A572 50	2.00"	5 Feet	122.00	1.6	976.00	No
A572 50	0.25"	4 Feet	15.4	1.6	98.56	Yes	A572 50	0.25"	12 Feet	15.40	1.6	295.68	Yes
A572 50	0.50"	4 Feet	24.6	1.6	157.44	Yes	A572 50	0.50"	12 Feet	24.60	1.6	472.32	Yes
A572 50	1.00"	4 Feet	56.3	1.6	360.32	Yes	A572 50	1.00"	12 Feet	56.30	1.6	1,080.96	No
A572 50	2.00"	4 Feet	122.0	1.6	780.80	No	A572 50	2.00"	12 Feet	122.00	1.6	2,342.40	No
SA516 70	0.25"	1 Foot	15.4	1.6	24.64	Yes	SA516 70	0.25"	5 Feet	15.40	1.6	123.20	Yes
SA516 70	0.50"	1 Foot	24.6	1.6	39.36	Yes	SA516 70	0.50"	5 Feet	24.60	1.6	196.80	Yes
SA516 70	1.00"	1 Foot	56.3	1.6	90.08	Yes	SA516 70	1.00"	5 Feet	56.30	1.6	450.40	Yes
SA516 70	2.00"	1 Foot	122.0	1.6	195.20	Yes	SA516 70	2.00"	5 Feet	122.00	1.6	976.00	No
SA516 70	0.25"	4 Feet	15.4	1.6	98.56	Yes	SA516 70	0.25"	12 Feet	15.40	1.6	295.68	Yes
SA516 70	0.50"	4 Feet	24.6	1.6	157.44	Yes	SA516 70	0.50"	12 Feet	24.60	1.6	472.32	Yes
SA516 70	1.00"	4 Feet	56.3	1.6	360.32	Yes	SA516 70	1.00"	12 Feet	56.30	1.6	1,080.96	No
SA516 70	2.00"	4 Feet	122.0	1.6	780.80	No	SA516 70	2.00"	12 Feet	122.00	1.6	2,342.40	No
A514	0.25"	1 Foot	15.4	3.1	47.74	Yes	A514	0.25"	5 Feet	15.40	3.1	238.70	Yes
A514	0.50"	1 Foot	24.6	3.1	76.26	Yes	A514	0.50"	5 Feet	24.60	3.1	381.30	Yes
A514	1.00"	1 Foot	56.3	3.1	174.53	Yes	A514	1.00"	5 Feet	56.30	3.1	872.65	No
A514	2.00"	1 Foot	122.0	3.1	378.20	Yes	A514	2.00"	5 Feet	122.00	3.1	1,891.00	No
A514	0.25"	4 Feet	15.4	3.1	190.96	Yes	A514	0.25"	12 Feet	15.40	3.1	572.88	Yes
A514	0.50"	4 Feet	24.6	3.1	305.04	Yes	A514	0.50"	12 Feet	24.60	3.1	915.12	No
A514	1.00"	4 Feet	56.3	3.1	698.12	Yes	A514	1.00"	12 Feet	56.30	3.1	2,094.36	No
A514	2.00"	4 Feet	122.0	3.1	1,512.80	No	A514	2.00"	12 Feet	122.00	3.1	4,538.40	No
AR400	0.25"	1 Foot	15.4	3.5	53.90	Yes	AR400	0.25"	5 Feet	15.40	3.5	269.50	Yes
AR400	0.50"	1 Foot	24.6	3.5	86.10	Yes	AR400	0.50"	5 Feet	24.60	3.5	430.50	Yes
AR400	1.00"	1 Foot	56.3	3.5	197.05	Yes	AR400	1.00"	5 Feet	56.30	3.5	985.25	No
AR400	2.00"	1 Foot	122.0	3.5	427.00	Yes	AR400	2.00"	5 Feet	122.00	3.5	2,135.00	No
AR400	0.25"	4 Feet	15.4	3.5	215.60	Yes	AR400	0.25"	12 Feet	15.40	3.5	646.80	Yes
AR400	0.50"	4 Feet	24.6	3.5	344.40	Yes	AR400	0.50"	12 Feet	24.60	3.5	1,033.20	No
AR400	1.00"	4 Feet	56.3	3.5	788.20	No	AR400	1.00"	12 Feet	56.30	3.5	2,364.60	No
AR400	2.00"	4 Feet	122.0	3.5	1,708.00	No	AR400	2.00"	12 Feet	122.00	3.5	5,124.00	No