

SPECIFICATIONS



O. B. I. PUNCH PRESSES



All Presses can be fitted with ALCECO's Pneumatic and Electric Control Package including Wichita Air Clutch and ALCECO Spring Set, Air Released Brake, and full operating controls: Hand - Foot - Jog - Continuous - Short & Long Stroke; or any part or combination of these.

Model of Press	No.	2-1P	4-1P	6-1P	8-1P	10-1P	15-1P	22-1P	33-1P	44-1P	66-1P	88-1P	110-1P
Type of Press	---	bench	bench	bench	floor	floor	floor	floor	floor	floor	floor	floor	floor
Ram- Pressure at bottom of stroke	tons	2	4	6	6	6	15	22	33	44	66	88	110
Standard stroke	ins.	1	1 1/4	1 1/2	1 1/2	1 1/2	2	2 1/2	3	3	4	5	6
Size of punch shank hole	ins.	1	1	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	2	2
Size of face, left to right	ins.	2	2 1/2	3 1/4	3 1/2	4 1/2	5 1/4	6 1/2	8	10	14	17 1/2	20
Size of face, front to back	ins.	2	2 1/2	3 1/2	3 3/4	4 1/2	5 1/4	6 1/2	8 3/4	12	14	17 1/2	20
Strokes per minute	---	250	220	185	175	165	140	125	100	95	75	70	65

Crankshaft- dia. at main bearing	ins.	3/4	1	1 1/4	1 1/2	1 3/4	2 1/8	2 1/2	3	3 1/2	4 1/2	5	5 1/2
Dia. at crank bearing	ins.	2	2 1/2	3	3 1/2	4	4 1/2	5 1/2	5 5/8	5 5/8	6 1/2	7	7 1/2
Bed- Size of oblong opening	ins.	none	none	3 1/2x5 1/4	4x6	4 1/2x7 1/2	5x8	6 1/2x10	9x12	11x13	13x18	14x19	15x22
Size of round opening	ins.	2 1/2	3 1/2	4 1/2	5	5 1/2	6	7 1/2	10	12	16	17	20
Width of opening through back	ins.	3	4	6	7	8	10	12	14 1/2	14 3/4	16	20	25
Throat depth, ram center to frame	ins.	3 1/4	4	4 1/2	4 3/4	5 1/2	6	7 1/4	8 1/2	10	12	13 1/2	15
Distance from bed to gibs	ins.	5 1/2	7	8	8 3/4	9 1/2	11 1/2	13	14	14 1/2	18	23	28 1/2*
Reclines from upright to	deg.	0 to 36	0 to 36	0 to 36	-----	-----	-----	-----	-----	-----	-----	-----	-----

Bolster plate- Size, left to right	ins.	7	9	11	12	14	17	20	24	28	32	36	42
Size, front to back	ins.	5	6	7	8	9	10	12	14	18	22	25	30
Thickness	ins.	5/8	3/4	7/8	1	1 1/4	1 1/2	1 1/2	1 3/4	2	2 1/2	3	3 1/2
Hole in bolster	ins.	---	---	---	---	on request	---	---	---	---	---	---	---

Die space- Over bolster, s.d.a.u.*	ins.	4	5	5 3/4	6 1/4	6 3/4	8	9	9 3/4	10	11 1/2	14	16
Adjustment of ram not to exceed	ins.	1	1 1/2	1 1/2	1 1/2	2	2 1/2	3	3	3	3	3 1/2	4
Height- Floor or bench to bed	ins.	5 1/4	6 3/4	7 1/2	32	32	32	32	32	32	32	34	36
Floor or bench to center of crank	ins.	16 1/2	21	25 3/4	48	54 3/4	59 3/8	65 1/4	67	69	81	92	104

Flywheel- weight	lbs.	30	50	75	110	140	230	320	570	800	1100	1450	2000
Diameter and width of face	ins.	10x2	13x2 1/4	16 1/2x2 3/4	18x3	21x3	23x3 1/2	26x4 1/2	34x5 1/2	36x6	42x6 1/2	46x7	54x8
Floor space- Leg pads, l to r & f to b	ins.	7 1/2x10	9 1/4x15	12x17	25x23 1/2	24 1/2x28 1/2	30 1/2x35 1/2	30 1/2x41 1/2	30 1/2x47 3/4	32 1/2x52	38x64	60x8 1/2	65x95
Motor required*	H.P.-R.P.M.	1/3-1800	1/3-1800	1/2-1800	3/4-1200	1-1200	1 1/2-1200	2-900	2-900	3-900	5-900	7 1/2-900	11-900
Weight, NET, not incl. options (approx.)	lbs.	110	165	320	760	1200	1700	2500	3500	4600	8800	14,000	20,000

Available as BACK GEARED Models:	Ratio of gearing	---	5:1	5:1	5:1	5:1	5:1	5:1	5:1	5 1/2:1	6:1	6:1	6 1/2:1
Strokes per minute	---	70	70	70	60	60	60	60	55	50	45	40	35
Weight, additional, net (approx.)	lbs.	---	120	160	200	270	330	400	600	800	1300	2000	3000

Available with Pneumatic and Electric CONTROL PACKAGE:
 Weight, additional, net (approx.) lbs. --- 100 150 210 280 350 500 500 1000 1200 1200

* Notes: s.d.a.u. = Stroke down, adjustment up.
 110-1P Model uses flanged ram.
 Pulleys supplied are for standard "T"-Frame motors.



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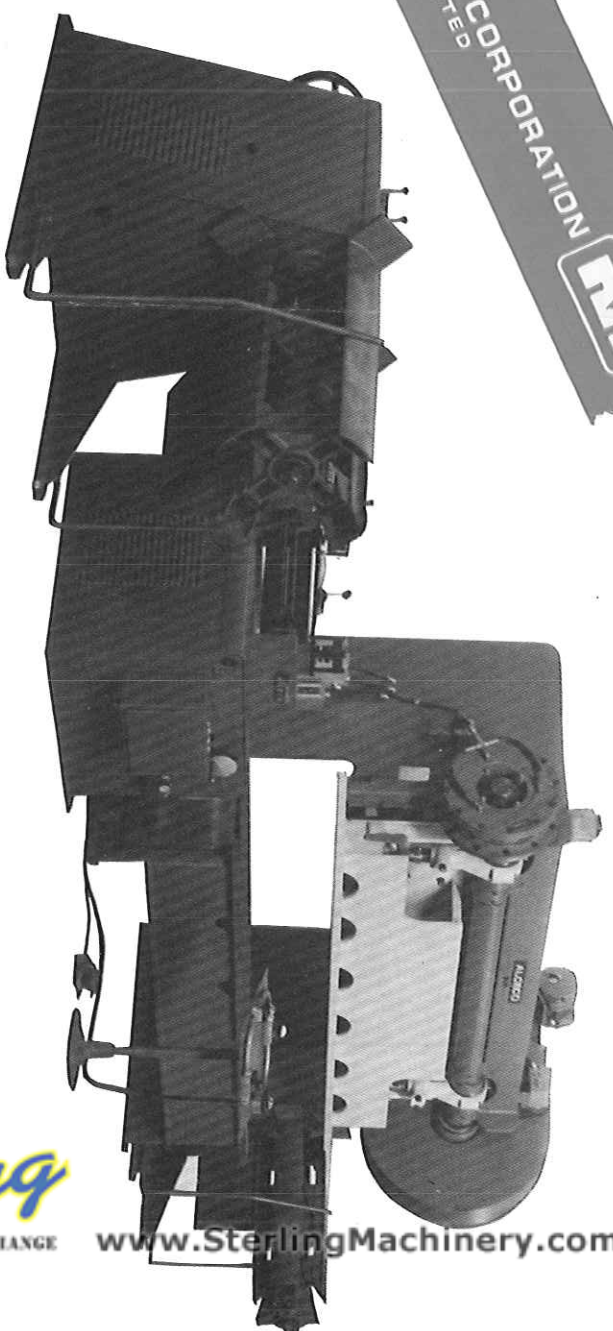
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PRESENTING THE LINE OF PRESS ROOM EQUIPMENT



80 Ton Double Crank, "C" Frame Press, complete with air clutch and brake, and a full pneumatic and electric control and safety package. Flanked by a 10,000 lb. Stock Reel on each side and a "C" Class, 24" wide Feeding Machine on the left.

- PUNCH PRESSES
- AUTOMATIC ROLL FEEDS
- STRAIGHTENERS
- STOCK REELS: SINGLE & DOUBLE
- COIL CRADLES
- COMBINATION STRAIGHTENERS
FEEDERS
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- SCRAP CUTTERS AND STOCK OILERS
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- FLYING CUTOFFS

LIST OF PRODUCTS:

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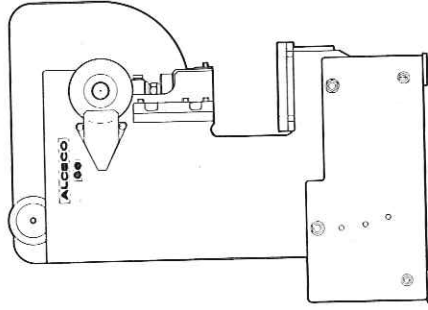
"ALCECO" manufactures a broad line of industrial equipment designed to solve your problems in the stamping, cutting, or forming of coil or strip materials, be it steel, non ferrous metals, plastics, paper, etc.

This folder will provide a preview of the general classes and sizes of equipment which we have designed and manufactured for more than 20 years.

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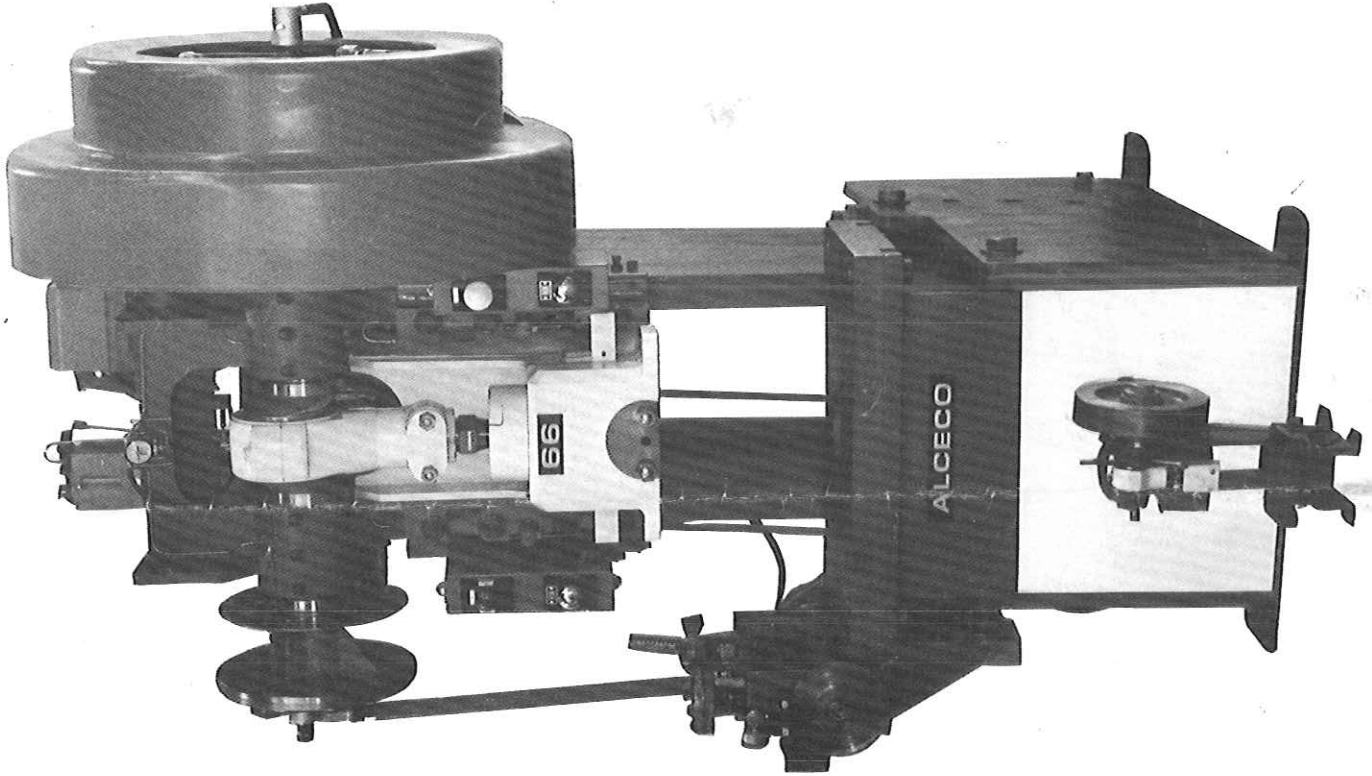
The **NEW 66 ton O.B.I. Heavy Duty PUNCH PRESS** with Air Clutch, spring set, air released Caliper Disc Brake and automatic lubrication system. All operating controls (continuous run, single stroke, short or long stroke safety feature, inching control) are hand or foot operated.

Mechanical Clutch is also available.



Standard stroke	4"
Dia. Main bearing	4.25"
Dia. at eccentric	6.50"
Shut Height	11.50"
Depth of throat	12"
Width thru back	16"
Bed area	32" x 22"
Bolster thickness	2.50"
Flywheel weight	1050 lb
Flywheel speed	90 RPM
Shipping weight	10500 lb

This heavy Duty line illustrates **ALCECO's** determination to use the latest Design Principles from the point of view of Appearance, Continuous Performance and convenient provisions for attaching all modern Feeds and other Press Accessories.



66 Ton O.B.I. Heavy Duty Punch Press

Shown with our 2 Ton O.B.I. Bench Press for comparison



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