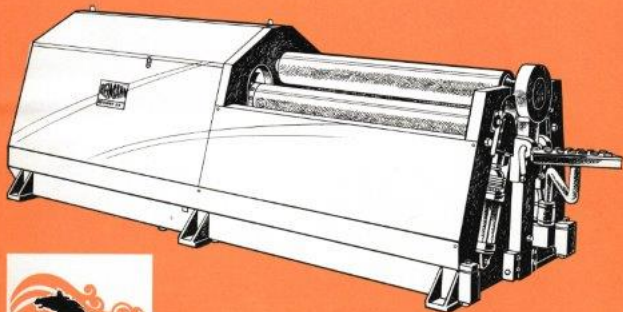


REIMANN

Sheet Metal and Plate Curving Rolls

Designed and Engineered by:
J. B. REIMANN and Son Pty, Ltd.
Eudunda, South Australia.



PYRAMID AND
PINCH PYRAMID

3 ROLL AND
4 ROLL INITIAL PINCH

Introduction

J.B. Reimann and Son Pty. Ltd. of Eudunda, South Australia, in business for over 25 years, originally Blacksmiths and General Engineers for the rural industry expanded into agricultural implement and grain storage equipment manufacture. They became one of Australia's largest manufacturers of fuel storage tanks and designed and engineered their own production rolling equipment.

Reimann Curving Rolls, now the largest selling brand in Australia, are currently finding increasing favour with users in the highly competitive international market. A major reason for the popularity of their machines, apart from accuracy; ease of control; good design; safety features; etc., is that only proprietary lines of equipment, supplied by internationally known and respected manufacturers, are employed for the critical functions of drive and control and thus Reimann guarantee their users the ready availability of replacement parts.

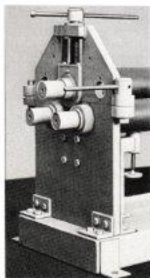
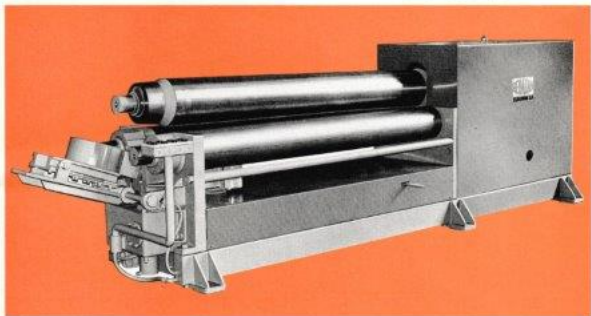
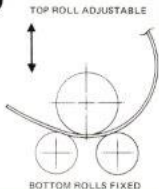
CONVENTIONAL PYRAMID

Capacities Available:—

Series A — 1.25 M (49.21") 2.00 M (78.74") 2.50 M (98.42")
3.00 M (118.11") 4.00 M (157.48")

Nominal working lengths by 3.0 MM (1/8"), 6.0 MM (1/4"), 10.0 MM (3/8") plus 1.25 M, 2.00 M and 2.50 M by 12.0 MM (1/2") Mild Steel Capacity.

Series B — 3.00 M and 4.00 M x 12.0 MM Mild Steel Capacity plus 1.25 M, 2.00 M, 2.50 M, 3.00 M and 4.00 M by 16.0 MM (5/8"), 20.0 MM (1") and 25.0 MM (1") Mild Steel Capacity.



Standard Equipment:—

Series A — Manually operated pull downs; manual swing down end housing; manual tilt to top roll; roller bearings to top roll; phosphor bronze bearings to bottom roll; all electrical; operating and instruction manual.

Series B — Power operated (mechanical) pull downs; power (hydraulic) swing down end housing; power (hydraulic) tilt to the top roll; roller bearings to all rolls; all hydraulic and electrical equipment including hydraulic overload protection and instruction manual.

Optional Equipment

Stub Extensions: Stub extensions as the name implies are a continuation of the rolls through the outboard end housing with the extensions being key-wedged and with flanged collars and locking screws to provide for the mounting of rolls for forming merchant sections i.e. angle iron, flats and pipes. In addition the outboard side housing includes provision for attaching the straightening rolls that ensure the section being formed maintains commercially acceptable straightness.

Section Curving Rolls: Section rolls can be designed for most merchant sections and the most common sections processed are merchant angles with both leg in and leg out; flats on flat and on edge and standard pipes. The adjustment of the top roll determines the curvature of the section to be produced.

Cone Forming Attachment: This attachment fits below the bottom rolls and is connected to the outboard side housing. The size of cone that can be formed depends largely on the pitch spacing and length of rolls and on the diameter of the top roll. As the cone height increases difficulties in getting the larger diameter to follow the small diameter accurately also increase. If the bottom roll spacing is too wide the size of the small diameter will be severely limited because as the work metal passes the attachment it would curve into the housing that supports the rolls and rolling would be impossible.

SPECIFICATIONS — CONVENTIONAL PYRAMID TYPE PLATE CURVING ROLLS TO 12MM (½") CAPACITY

CAPACITY IN MILD STEEL	3.0mm (1/8")			6.0mm (¼")			10.0mm (3/8")			12.0mm (½")					
	1.25	2.00	2.50	3.00	4.00	1.25	2.00	2.50	3.00	4.00	1.25	2.00	2.50	3.00	4.00
WORKING LENGTH	M	49.2	78.7	98.4	118.1	157.5	49.2	78.7	98.4	118.1	157.5	49.2	78.7	98.4	118.1
INS.		1.70	3.10	3.91	4.72	6.14	1.70	3.10	3.91	4.72	6.14	1.70	3.10	3.91	4.72
TOP ROLL DIAMETER	MM	170	152	170	200	255	152	185	200	255	310	215	245	290	320
INS.		6.7	6.0	6.7	7.9	10.0	6.0	7.3	7.9	10.0	12.2	8.5	9.6	11.4	12.6
BOTTOM ROLL DIAMETER	MM	100	127	135	180	230	130	165	180	205	270	170	190	220	245
INS.		3.9	5.0	5.3	7.1	9.0	5.1	6.5	7.1	8.1	10.6	6.7	7.5	8.7	9.6
'DRIVE MOTOR SIZE	KW.	2.2	2.2	3.0	4.0	4.0	4.0	5.5	5.5	7.5	7.5	5.5	7.5	7.5	11.0
H.P.		3.0	3.0	4.0	5.4	5.4	5.4	7.4	7.4	10.0	10.0	7.4	7.4	10.0	14.8
PULL-DOWN MOTOR SIZE (WHEN APPLICABLE)	KW.	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	1.5	1.5	1.5	2.2	2.2	3.0
H.P.		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	3.0	3.0	4.0
ROLLING SPEED (APPROX.)	M/MIN.	6			6			6			6				
F./MIN.		20			20			20			20				
GROSS WEIGHT (APPROX.)	KGS.	1100	1200	1400	1500	1800	2100	2200	2600	2900	3200	2200	2500	4500	6000
LBS.		2420	2640	3080	3300	3960	4620	4840	6380	7040	4840	5500	5960	9900	13200

AND TO COMPLIMENT "REIMANN" EQUIPMENT WE OFFER THE "KLEEN" RANGE OF MACHINES: —

- GUILLOTINES & SHEARS — FOOT TREADLE, AIR POWERED, UNDERDRIVEN & OVERDRIVEN DESIGNS.
- CRAMP FOLDING ALSO BOX & PAN BRAKE FOLDING MACHINES — MANUAL & POWER
- OPEN FRONTED PRESSES
- FOUR COLUMN PRESSES IN SINGLE, DOUBLE & TRIPLE ACTING STYLES

SPECIAL NOTE: — IN LINE WITH A POLICY OF CONSTANT REVIEWAL, THE MANUFACTURER RESERVES THE RIGHT TO ALTER ALL OR ANY SPECIFICATION WITHOUT NOTICE.

MANUFACTURED BY KLEEN FABRICATED PRODUCTS

A DIVISION OF THE **KLEEN** CORPORATION LIMITED

451 SHERWOOD ROAD, SHERWOOD, BRISBANE, QUEENSLAND, AUSTRALIA. 4075

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