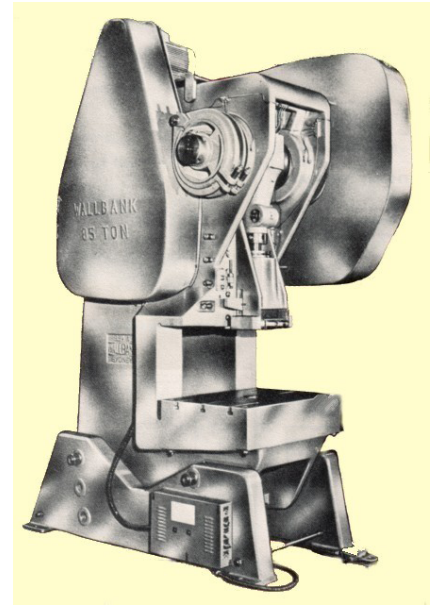


# Wallbank Power Presses

## General Description

William Wallbank & Son Pty Ltd are among Australia's foremost press designers, engineers and manufacturers. The "Wallbank" range of Power Presses are suitable for a wide and varied range of pressing operations offering outstanding reliability and accuracy. Every feature has been provided to ensure the user a highly productive, trouble free press, requiring the minimum of maintenance. Special bolster plates can be supplied although the standard bolster will be found to satisfy most requirements. Spare parts are readily available ensuring minimal down time.



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DETAILS	MODEL 154A	MODEL 20A	MODEL 353A	MODEL 353AG	MODEL 60A	MODEL 854AG
Pressure at Bottom of Stroke	15 ton	20 ton	35 ton	35 ton	60 ton	85 ton
Net Weight	27 cwt	25 cwt	50 cwt	50cwt	3.25 ton	165 cwt
Opening in Bed F-B x R-L	10" x 10"	8" x 9"	12" x 14"	12" x 14"	14" x 14"	16" x 20"
Distance Back to Centre of Slide	9"	6¾"	9½"	9½"	11¾"	13"
Height Bed to Slide Frame	11½"	11"	15½"	15½"	17"	20½"
Shut Die Height	7½"	6½"	8½"	8½"	10"	12"
Standard Stroke of Slide	1½"	1¾"	3"	3"		
Special Stroke of Slide	2"	2¾"	4"	4"	5"	6"
Adjustment of Slide	1½"	1½"	2"	2"	3"	3"
Crankshaft Main Bearing dia	-	G +	H +	H +	5"	7¼"
Bore of Slide for Shank	2"	2"	2"	2"	2"	2"
Flywheel Diameter & Face	28" x 4¼"	28½" x 4"	36" x 4" +	23½" x 4"	42" x 7"	36" x 5"
Strokes per Minute	125	120	95	45	90	45
Standard Bore to Bolster	4"	6"	6"	6"	6"	6"
Standard Bolster Area	22" x 16"	12½ x 19"	18" x 28"	18" x 28"	30" x 21½"	26" x 38"
Standard Bolster Thickness	2½"	2½"	3½"	3½"	2¾"	4"
Floor Space	-	44" x 32"	67" x 49"	67" x 49"	72" x 48"	-
Power Required	1½" hp	2hp	5hp	5hp	5hp	10hp
Speed Elect Motor	960rpm	960rpm	960rpm	960rpm	960rpm	1440rpm
Shipping Measurement	-	111 cubic ft	230 cubic ft	230 cubic ft	192 cubic ft	-

## Service And Spare Parts

Specially trained engineers are at your service for advice, maintenance and repairs. Spare parts are available from stock for all models of the "Wallbank" Power Presses, and will be dispatched without delay. When ordering spares, please keep in mind that we are constantly improving and developing our designs. To enable us, therefore, to supply the correct spare parts, please quote Serial Number of the Press (on name plate) in addition to part numbers and names as shown. If in doubt, a sketch would be helpful.

## Parts List

Part No Description Part No Description Part No Description

Part No	Description	Part No	Description	Part No	Description
100	Press Body	126	Cam Spline Bush	149	Front Leg Pins (2 off)
101R	Right Hand Leg	126A	Cam Spline Bush Key	149A	Leg Pin Nuts (5 off)
101L	Left Hand Leg	127	Cam Clutch Key	149B)	Leg Pin Washers (5 off)
102	Flywheel	127S	Cam Clutch Spring	150	Rear Leg Pin
103	Bolster	127B	Cam Plate Shaft	151	Threaded Leg. Pin
103A	Bolster Bolt (Front)	128	Cam Plate Shaft Retaining Washer	152	Leg Tie Bars (2 off)
103B	Bolster Bolt Nut	128B	Cam Plate Shaft Retaining Screw	152A	Leg Tie Bar Nuts (8 off)
103C	Bolster Bolt (Rear)	129	Cam Plate Collars (2 off)	153	Motor Bracket Pivot Pin
104	Ram	130	Cam Plate Collar Lock Screw	154	Motor Bracket
104W	Wing Ram	131	Cam Plate Spring	154A	Motor Mounting Screws
105	Ram Block	132	Ball Race (Inner)	154B	Motor Bracket Adjusting Screw
106	Ram Bolt	133	Ball Race (Outer)	154C	Motor Bracket Adjusting Screw Lock Nut
106A	Ram Bolt Nut	135L	Spacer	154D	Motor Bracket Locking Screw
107	Ram Nut	135R	Flywheel Nut (LH Thread)	155	Motor Pulley
108	Ram Nut Lock	135A	Knockout Block	156	Motor
109	Ball Screw	135A	Knockout Block	157	Vee Belts
110	Ball Screw Collar	135B	Knockout Block Clamping Screw	158	One Shot Lubrication Pump
111	Tapered Pin	136	Knockout Block Clamping Screw Washer	158A	Flexible Hose (Complete)
112	Conrod	136A	Knock-out Bar	158B	Copper'. Tube (Main Line)
112A	Conrod Bearing Cap Bolts	136A	Knock-out Bar Split Pins	158C	Copper Tube Secondary Line)
112B	Conrod Clamping Block	137L	Ram Slide	158D	6 way Junction Block
112C	Conrod Studs	137R	Ram Slide	158E	Junction Block Mounting Screw
112E	Conrad Stud Nuts	137A	Ram Slide Clamping Screw	158F	Elbow
113	Conrod Cap	137B	Ram Slide Adjusting Screw	158PSx5	Metering Valve Main Bearing
114	Crankshaft	137C	Ram Slide Adjusting Screw Nut	158PSx4	Metering Valve Slides
115	Brake Drum	138	Forked Bell Crank	158PSx5	Metering Valve Slides
116	Brake Band	139	Forked Bell Crank Upper Pivot Pin	158PSx5	Metering Valve Con Rod
116A	Brake Band Anchor or Pin	139A	Forked Bell Crank Upper Pivot Nut	159	-
116B	Locking Screw	140	Clutch Pedal Upper Rod	160	Gear Wheel
117	Brake Key	140W	Clutch Pedal Lower Rod	161	Counter Shaft
118	Retaining Washer	140A	Clevis Pin	161A	Retaining Screw
119	Brake Adjusting Sping	140B	Split Pin	161B	Retaining Washer
119A	Brake Adjusting Screw	140C	Bell Crank Lower	161C	Counter Shaft Key
119B	Brake Adjusting Lock Nuts	141	Pivot Pin	162	Pinion
119C	Brake Adjusting Screw Anchor Pin	142	Pivot Pin Nut	162A	Pinion Key
120	Retaining Screw	142A	Pedal Adjusting Pin	163	Bushes (2 off)
121	Main Bearings (2 off)	143	Pedal Adjusting Pin Nut	164	Safety Catch
121A	Main Bearing Locking Screw	143A	Pedal Adjusting Pin Locking Screw	164A	Safety Catch Pivot Screw
121B	Main Bearing Locking Screw Lock Nut	143B	Pedal	165	Tie Bar
122	Cam Plate Assembly (Inc Part No 123,124,125)	144	Pivot Pin	165A	Tie Bar Nut
123	Cam Plate Casting	145	Pedal Pivot Pin Spacer	165B	Tie Bar Lock Nut
124	Cam Plate Steel	145A	Pivot Pin Locking Screw	166	Cam Plate Support Eccentric
124A	Cam Plate Steel Screws	145B	Inclining Screw	166A	Cam Plate Support Eccentric Nut
1248	Cam Plate Steel Dowell Pin	146	Inclining Screw Ratchet Spanner	167	Flywheel Guard
125	Cam Safety Steel	146	Thrust Racer	168	Gearwheel Guard
		147	Ball Socket		
		148M	Ball Socket		



Vee Belt	Qty	Part No
20A	3	A100
40A	4	A128
40AG	4	A79
60A	4	B158
60AG	4	B105
353A	4	A128
353AG	5	A88
25B	4	A128

**William Wallbank & Sons Pty. Ltd.**  
Engineers, Founders, Patternmakers

IRON AND STEEL FOUNDRY, MANUFACTURES OF SHEET METAL AND BRICKMAKING MACHINERY  
"Wallbank" Power Presses - Guillotines - Brickmaking Machines - Rock Facing Machines

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