



GREENERD PRESS & MACHINE COMPANY, INC.
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HAND OPERATED ARBOR PRESSES

Lever Types
and
Pilot Wheel Types

INSTRUCTION MANUAL PARTS LIST

Model No. 1

Model No. 1½

Model No. 2

Model No. 3

Model No. 3A

Model No. 3B

Model No. 3C

Model No. 3E

Model No. 30

RECEIVING & INSTALLATION:

GREENERD makes three basic types of arbor presses: lever operated models, pilot wheel models, and ratchet-type models. This manual and parts list covers the lever and pilot wheel models. A separate manual and parts list is available for the ratchet type models.

With the exception of Models No. 1 and No. 1½, all the presses are available with steel floor stands. If a press was ordered with a stand, you will find that the stand was bolted to its wooden crate. The same bolts are used to fasten the press to the stand. The press must be securely bolted down to operate properly. If it is stand-mounted, the stand should be secured to the floor. If it is bench-mounted, it should be securely fastened to the bench. Arbor presses are frequently bolted to a wall

bracket or pillar, or on the machines with which they will be used.

Notify your transporter immediately if the press crate shows external damage. Upon uncrating, the press should be inspected thoroughly to make sure that all the parts are included and that the press is in good condition. This will facilitate damage claims with the transportation company.

CLEANING:

Use rags soaked with kerosene to remove the rust preventative from all unpainted surfaces. Clean only by wiping or brushing . . . do not use compressed air as this only tends to force dirt and grit into the working parts. After the machined surfaces are completely clean, apply a light coat of lubricating oil with a cloth moistened in oil.

OPERATIONS:

After the press has been assembled and securely bolted down, it is ready for operation. On the lever-type models, pull the lever down to bring the ram down to the work. Push it up to return the ram to normal position. The charts on these pages show the maximum pressure for which each press is designed. It is based on exerting approximately 140 pounds on the lever in its most extended position. The leverage of the press changes as the length of the lever extension is changed. Loosen the thumb screw in the pinion shaft and push the lever through the hole to the desired position and retighten the screw. The position of the lever at the start of the operation may also be changed for a more comfortable position on repetitive operations. Remove the pinion and lever assembly and re-engage the teeth in rack so that the lever is at the desired angle.

On pilot wheel models, rotate the wheel forward to

bring the ram down. Rotate the wheel in the opposite direction to return the ram to its normal position.

Each arbor press (except No. 30) is equipped with a rotating plate on the table. This plate has four slots of varying widths. The plate may be turned to allow any one of the slots to fit over the slot in the table, allowing adequate clearance and support for any parts being disassembled.

MAINTENANCE & LUBRICATION:

There are only three movable parts on these models. If it becomes necessary to replace them, order as instructed below. To lubricate, place a few drops of oil on the ram at the top of the vertical bore and work the ram up and down a few times. If the press is a model equipped with oil cups, put sufficient oil in the oil cups to ensure proper lubrication.

PARTS LIST

Replacement parts for your Greenerd arbor press are nearly always immediately available from factory stock. The drawing at right shows the press construction. The key numbers correspond with the name of the part. When ordering parts give the model number of the press, the serial number (if any), the part name and part number as shown on the chart below. Current parts price lists are available on request.

LEVER TYPE	Key No.	PART NAME	PART NUMBERS FOR MODELS								
			1	1½	2	3	3A	3B	3C	3E	30
	1.	Frame	11	E-1000	21	31	3A1	3B	3C	3E	30
	2.	Plate	14	14	24	34	3A4	3A4	34	34	
	3.	Ram	12	A-1002	22	32	32	32	3C	3E	3C
	4.	Pinion	13	A-1001	23	3AP	3AP	3AP	3AP	3AP	3AP
	5.	Lever	A-1182	A-1012	A-1183	A-1184	A-1184	A-1184	A-1184	A-1184	A-1184
	6.	Lever Knob	A-1008	A-1008	A-1015	A-1014	A-1014	A-1014	A-1014	A-1014	A-1014
	7.	Thumbscrew			29	29	29	29	29	29	29
	8.	Washer	15	15	25W	25W	25W	25W	25W	25W	25W
	9.	Screw	15A	15A	25	25	25	25	25	25	25
	10.	Plate Pin	14A	14A	28P	28P	28P	28P	28P	28P	
	11.	Floor Stand			2	3	3A	3B	3C	3C	3C
P I L O T W H E E L T Y P E	12.	Pilot Wheel 7"	16	16							
	13.	Pilot Wheel 12"			29W	29W	29W	29W	29W	29W	29W
	14.	Pilot Wheel 24"				24PW	24PW	24PW	24PW	24PW	24PW
	15.	Pilot Wheel Pinion 7"	16P	A-1004							
	16.	Pilot Wheel Pinion 12"			29P	38	38	38	38	38	38
	17.	Pilot Wheel Pinion 24"				37P	37P	37P	37P	37P	37P

(1) Pilot wheel-type arbor presses have the same frame, plate, ram, washer, screw and stand as the lever type.

