

### To Set Up the Star Press

First assemble the stand which consists of upper shelf, lower shelf, four legs and two extensions (long) angle irons. Two of the legs have holes thru which the motor bracket support rod must pass and these should be assembled at the same narrower end of the stand. The two (long) extension angle irons should be attached outside the legs at top with the larger holes in the angle iron up — the press will be bolted to these angle irons.

Mount the motor on the two brackets (twisted near one end), with the twisted ends to the left as you face the pulley end of the motor. Next, insert the motor bracket support rod (1) thru the hole in the bracket iron nearest the pulley, (2) thru the hole in the leg, (3) thru the other bracket iron, and (4) thru the other leg. Nuts hold threaded support rod in place.

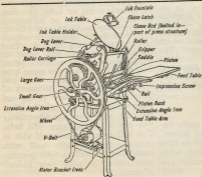
Bolt the press to the extension angle irons on the top of the stand so that the fly wheel will be on the same side as the motor pulley. The fly wheel can then be put on its shaft, with the set screw on the inside — for safety — when it is on the shaft. Line up the set screw with the "spot" and tighten. Now put the V-belt in the groove in the flywheel, and by lifting the motor a little, the V-belt can be slipped into the groove in the motor pulley. Either the small (slow speed) pulley or the larger (faster) pulley will fit on the motor shaft. Tighten the set screw on the flat part of the motor shaft to keep it from slipping.

Bolt the ink table holder to the back of the chase bed, near the chase latch. You will notice that in addition to two bolts to fasten the holder in place there are two locating pins on the top of the chase bed, and also two locating

holes in the holder to match, so that you will be sure to have it in the right position. Before placing it on the two pins, raise up the dog lever and have the dog lever roll (which is located at the end of the roller carriage shaft.

Next insert the stem on the back of the ink table into the hole at the top of the ink table holder (above the chase bed).

Put the roller wheels (which you will find in a cloth bag tied onto



the press on the ends of the ink rollers and insert the ink rollers in place in the saddles or sockets on the machine.

The feed table arms bolt onto the front legs of the press, just below the front shaft, and the wooden feed table is mounted with wood screws on top of these arms. The illustration of the press in the catalog and the diagram (pg. 35) will be of help to you in assembling the press. Make sure the press is well oiled.

The press is now ready to operate. Turn the flywheel around several times to make sure the press operates freely and properly before running it with the motor. The motor has been properly wired to have the flywheel turn counter-clockwise or away from the operator.

If equipped with ink fountain the fountain should be mounted on the arm above and behind the ink table so that the upper composition roller on the press just touches the ink fountain roller. If minor adjustments are necessary, loosen the two screws that hold the ink fountain in place, and tilt the fountain to make the proper contact with the composition roller — then tighten the screws to hold this setting.

Now that you have the press ready for operation, read the Printer's Guide over very carefully, which gives complete information on setting type, locking forms in chase, makeready, etc.

*Note:* When adjusting the impression on the Star Press, only the four screws in the corners of the platen are used.

### Number of Leads To Pound

The following table gives the approximate number of leads of a given size, per pound. It will be handy if you need a large quantity of one size, and wish to order them already cut.

Picas Long	2 Point		3 Point		6 Point	
	2 Point	6 Point	3 Point	6 Point	3 Point	6 Point
1	894	238	18	65	22	
2	432	164	14	61	20	
3	288	99	15	57	18	
4	216	72	16	54	15	
5	168	55	17	51	16	
6	144	45	18	48	16	
7	122	40	19	45	14	
8	108	36	20	42	14	
9	96	32	21	40	12	
10	84	28	22	39	12	
11	72	24	23	37	12	
12	72	24	24	36	12	

For longer lengths use multiples of length desired.

The table below shows the approximate number of words in a square inch of type of various sizes. It is accurate enough to be used in estimating the space any manuscript will fill.

Size of Type	Number of words in one square inch	
	Set solid	Leaded with two point leads
6 Point	47	34
8 "	37	23
10 "	27	16
12 "	19	11
14 "	14	11
18 "	7	7

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