

The minimum four pieces of information that you need to provide Orttech to receive a PRELIMINARY quotation for your PRESS includes the following:

- 1) TONNAGE:
- 2) STROKE:
- 3) FULL TONNAGE RATING POINT ABDC (Above Bottom Dead Center):

Joint Industrial Commission (JIC) STANDARD full tonnage rating point Above Bottom Dead Center (ABDC) chart

TONNAGE	DIRECT DRIVE	SINGLE END DRIVE	TWIN END DRIVE	ECCENTRIC DRIVEN
UP TO 32	1/32"	1/8"	-	-
45 TO 200	1/16"	1/4"	1/2"	1/2"
OVER 200	1/8"	1/4"	1/2"	1/2"

NOTE: You MAY have a SPECIAL rating point. Please consult the press manual or the press MFG.

- 4) GEAR RATIO:
 = FLYWHEEL SPEED / Continuous Strokes Per Minute (CSPM)
 -FLYWHEEL SPEED = motor rpm * motor sheave diameter / flywheel diameter @ the belts
 -(CSPM) = maximum number of continuous strokes in one minute

NOTE: ALL PRESSES ARE SIZED TO INSTALL THE CLUTCH/BRAKE ON THE BACKSHAFT / FLYWHEEL SHAFT. IF YOUR INSTALLATION IS DIFFERENT THAN THIS PLEASE STATE THIS. The gear ratio stated must be from the crankshaft to the shaft where the clutch/brake will be mounted.

- * IF YOU HAVE A **DIRECT DRIVE PRESS** PLEASE ALSO INDICATE THE MAX. UPPER DIE WEIGHT AND THE RAM WEIGHT:
- * IF YOU HAVE A **KNUCKLE PRESS** PLEASE ALSO GIVE US THE CRANK RADIUS:
- * IF YOU HAVE A **PRESS BRAKE** THE SHAFT SIZE IS REQUIRED. PLEASE INDICATE YOUR MAXIMUM TORSIONAL SHAFT STRESS DESIRED, IF KNOWN.

To receive a COMPLETE quotation please include the following press information:

To determine the thermal loading of the clutch/brake we need to know for EACH gear that the clutch/brake starts and stops the following:

- ◇ GEAR DIAMETER:
- ◇ GEAR RIM THICKNESS:
- ◇ GEAR WIDTH:
- ◇ NUMBER OF GEARS:
-
- ◇ EITHER THE FLYWHEEL SPEED OR CSPM

For the most accurate quotation please provide the following:

- ◆ NUMBER OF TEETH ON EACH GEAR:
- ◆ SHAFT DIAMETER:

Please let us know if there is anything else we can do for you. To receive a quotation please fill out the press survey sheet and fax or email it to Orttech.

- Fill out completely for PRELIMINARY quote.
- ◇ Fill out completely for COMPLETE quote.
- ◆ Fill out completely for the most accurate COMPLETE quote.
- * Additional information needed for SPECIAL presses.