

# Orttech, Inc.

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 North American Representative for *Ortlinghaus*

Date
By
Machinery Rebuilder or End User

## PRESS SURVEY SHEET

Customer	Street	City, State, Postal Code
Contact name(s)	Phone No.	Fax No.

Press Mfg.	*Tons	Motor rpm	Flywheel speed (rpm)
Model #	*Stroke	Motor Sheave dia.	Crankshaft speed (CSPM)
Serial #	*Full tonnage rating point (ABDC)	Flywheel diameter at belts	Single engagements required (SSPM)
Type	*Gear ratio	Flywheel rim thickness	Ram & Maximum upper die weight-lbs.
Press #	NOTE: Gear ratio is from the crank /eccentric shaft to the clutch shaft.	Backshaft diameter at clutch (A)	Crank radius (Knuckle type press only)

**\* NOTE: The boldface/italic items are the minimum items required to provide you a PRELIMINARY quotation.**

\* The full tonnage rating point ABDC can be estimated by Orttech, per the Joint Industrial Commission (JIC) standard, by indicating the tonnage and the gear arrangement of the press: ie. eccentric driven, single end or twin end driven. ABDC=Above Bottom Dead Center.

No gear reduction  
  Single gear reduction  
  Double gear reduction  
  Eccentric gear driven  
  Single end gear driven  
  Twin end gear driven

Check all that apply

CSPM=Continuous Strokes per Min. (max. press speed)    SSPM=Single Strokes per Min. (C/B started and stopped every stroke)

Existing clutch/brake MFG / model	Existing clutch torque	Rated clutch pressure	Existing brake torque
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		Quantity of gears	Dimensions	# of gear teeth	
Single end gear driven Single gear reduction	Clutch pinion gear diameter (B)				
	Clutch pinion gear width				
	Bull/Crank/Eccentric gear diameter (E)				
	Bull/Crank/Eccentric gear rim thickness				
	Bull/Crank/Eccentric gear web thk. or spoke dim.				
	Bull/Crank/Eccentric gear width				
Twin end gear driven / double gear reduction (example shown)	Clutch pinion gear diameter (B)				
	Clutch pinion gear width				
	Intermediate gear diameter (C)				
	Intermediate gear rim thickness				
	Intermediate gear web thk. or spoke dimensions				
	Intermediate gear width				
	Intermediate pinion gear diameter (D)				
	Intermediate pinion gear width				
	Bull/Crank/Eccentric gear diameter (E)				
	Bull/Crank/Eccentric gear rim thickness				
	Bull/Crank/Eccentric gear web thk. or spoke dimensions				
Bull/Crank/Eccentric gear width					

NOTE: For gear arrangements different than above, please sketch on the reverse side of this form  
 Spoke dimensions = # of spokes, width, thickness, and length.