

Useful Information

Hammer Size	25LB	50LB	100LB	250LB	500LB	EASY 30LB
Die Height	3" ea.	3-1/2" ea.	4" ea.	5" ea.	6" ea.	3"
Shaft Size	1-5/8"	2"	2-1/2"	3-1/4"	4"	1-3/4"
Clutch Pulley Clearance	.008-.012	.012-.016	.014-.018	.016-.020	.020-.030	
Flywheel Dia.	10"	13"*	16"	24"	32"	14"
Motor HP & RPM	1HP 1725RPM	2HP 1725RPM	5HP** 1725RPM	7-1/2HP 1155 RPM	15HP	2HP 1725RPM
Clutch Pulley size	10" (13")	12" (15")	14" (21")	18" (28")	24-1/2" (35")	12"
Motor Pulley Size	3" (3-1/4")	3-1/4"	3-1/2" (4-1/4")	(5-1/4")	(5.5")	3-1/4"
Speed Rpm	275-375	250-325	225-275	150-190	140-160	250-325
Hammer Weight (LBS)	900	1800	3400	6000	12000	1000
Forging Capacity	2"Rnd.	3"Rnd.	4"Rnd.	6"Rnd.	7"Rnd.	2.5"Rnd.

Die Height: Important for proper operation of hammer. When dies get below 80% of original height, operational problems will arise.

Shaft Size and Flywheel Diameter: Can help identify size of hammer if it is not clearly marked.

*Very early 50 LB hammers may have a 15" flywheel.

Clutch Pulley Clearance: It sounds like a lot, but if you go with less clearance, the grease used to lubricate the clutch pulley can cause it to run on.

Motor HP & RPM: You can overpower a Little Giant, but if you under power it you will be disappointed in performance.

**Original recommendation from Little Giant was 3HP; we found that a 5 HP motor handles the load more effectively.

Motor Pulley Size: These pulley sizes don't work out mathematically, but they do work on the hammers. Mathematical formulations do not take into consideration the slip clutch and cumulative wear in the average Little Giant.

Speed RPM: Approximate number of blows per minute.

Weight: Weight of machine without motor.

Forging Capacity: Maximum size of material the hammer is designed to handle

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Die Spacing: H = 3/4" to 1" K = 1" to 1-1/2" P = 1-1/2" to 2"

Dovetail Depth for the Ram : 25#= 1" 50#= 1" 100#= 1-1/4"

Dovetail Depth For the Frame and Sow block : 25# = 1" 50# = 1-3/8" 100# = 1-1/2"

Clutch Pulley Groove Clearance: .32" min. on 25 & 50# and .062" min. on 100#

"Little Giant" Die Key Location: Upper = Left Rear Lower = Right Rear

(100#LG Upper key is Left Front or Right Front as Required)

"Murray" Die Key location: (25 & 50#) Upper = Left Front Lower = Left Rear

(100, 250 & 500#) Upper = Left Front Lower = Left Front Sow Block = Left Front