

Fenn Manufacturing
300 Fenn Road
Newington, CT 06111

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SPECIFICATION

FOR

MODEL 62 IMPACT CUTOFF MACHINE WITH BAR FEED

FOR

JOHN GILLEN COMPANY, INCORPORATED

CICERO, ILLINOIS

BY

FENN MANUFACTURING COMPANY

NEWINGTON, CONNECTICUT

FENN REQUOTE PROPOSAL NO. S-951109-2

FEBRUARY 10, 1997

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300 Fenn Road
Newington, CT 06111**

DESCRIPTION OF EQUIPMENT
MODEL 62 IMPACT CUTOFF MACHINE

The Model 62 Impact Cutoff Machine will cut up to 5/8" diameter mild steel with a maximum tensile strength of 60,000 PSI. The harder the stock, the smaller the diameter that can be cut, and the slower the machine must operate. The longer the blank, the fewer number of cuts per minute can be made. The maximum cuts per minute based on all factors will be 150.

Special consideration must be made of the bar ends which must be burr free and straight. The overall bar cannot have more than 1/4" camber in five feet. If hot rolled material is used, the dies must be made oversize which reduces the quality of the cut. Carbon contents, if less than .20%, will result in a roll-over type cut.

One (1) Fenn Model 62 Impact Cutoff Machine for shearing up to 5/8" diameter mild steel bar. The standard length of cut is from 1-1/2 diameters up to 14" long. (Longer lengths can be handled with additions to this machine at extra cost.) This machine includes a micro-adjust positive stop unit, roll feed, machine-mounted sound deadening hood, and feed rolls, but less tooling.

One (1) 7-1/2 HP A.C. 1200 RPM motor, totally enclosed, fan cooled.

One (1) Electrical control system including a floor-mounted master control panel and operator's station for the 7-1/2 HP A.C. motor.

All interwiring from the Impact Cutoff, master control, and operator's station is to be provided by the customer.

Full pressure semi-automatic grease and oil lubrication system will be provided.

DESCRIPTION OF EQUIPMENT

BAR FEED FOR USE WITH

MODEL 62 OR 125 IMPACT CUTOFF MACHINES

The bar feed has a 10,000 lb. capacity for bars from 3/8" diameter up to 1-1/4" diameter with lengths up to 20 feet.

The bars are stored on an approximately 30" wide storage area. They are gravity fed by an approximately 15" wide by fifteen degree incline which is adjustable.

Each bar is automatically loaded into the feed channel and driven up to the Impact Cutoff Machine by a pair of bronze shelled feed rolls. The feed rolls are driven by a 1/2 HP variable speed D.C. motor.

The bar feed is approximately 6 feet high x 6 feet wide x 20 feet long.