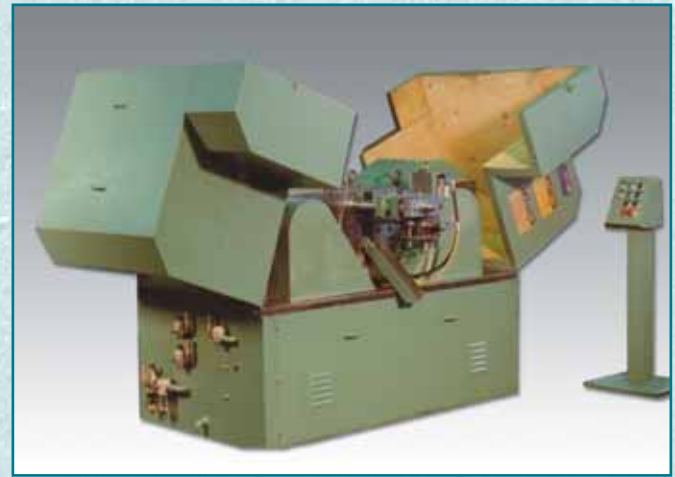
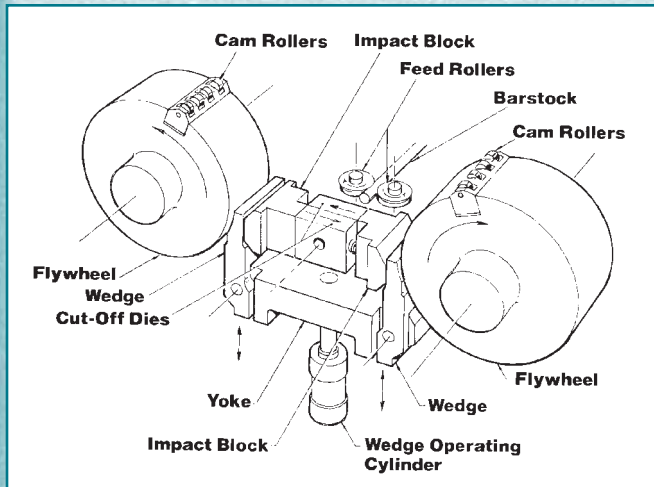


# IMPACT CUTOFF MACHINES

## Unique Cutting Concept



All Fenn Impact Cutoff machines are equipped with a sound-deadening hood.

the Model 125, which has a capacity of 1-1/4" maximum diameter mild steel: and the Model 200, which has capacity of 2" maximum diameter mild steel.

### Other Feeding Systems

For coiled stock, the machine can be equipped with a payoff reel and combination pinch roll/hydraulic driven straightener, which brings stock up to the Impact roll feed. When shorter than normal slugs or long lengths of small diameter stock are to be cut, press or "hitch" feeds are also available.



Model 62  
Impact Cutoff Machine

Model 125  
Impact Cutoff Machine



# IMPACT CUTOFF MACHINES

### Length Accuracy to ± .005"

With all Fenn Impact Cutoff machines, you can consistently hold lengths of cut pieces from coiled or bar stock to length tolerances of ± .005".



### Clean, Square Cuts

The exceptional accuracy and cut squareness of a Fenn Impact Cutoff machine practically eliminates blank deformity. In most cases there is no need to do anything else with blank, eliminating the expense of a further finishing operation.

### Get up to 300 Cuts per Minute

The Model 62 Fenn Impact Cutoff machine can deliver up to 300 cuts per minute. The bigger machines, Models 125 and 200, can deliver up to 180 cuts per minute. All three machines are economical on short production runs as well.

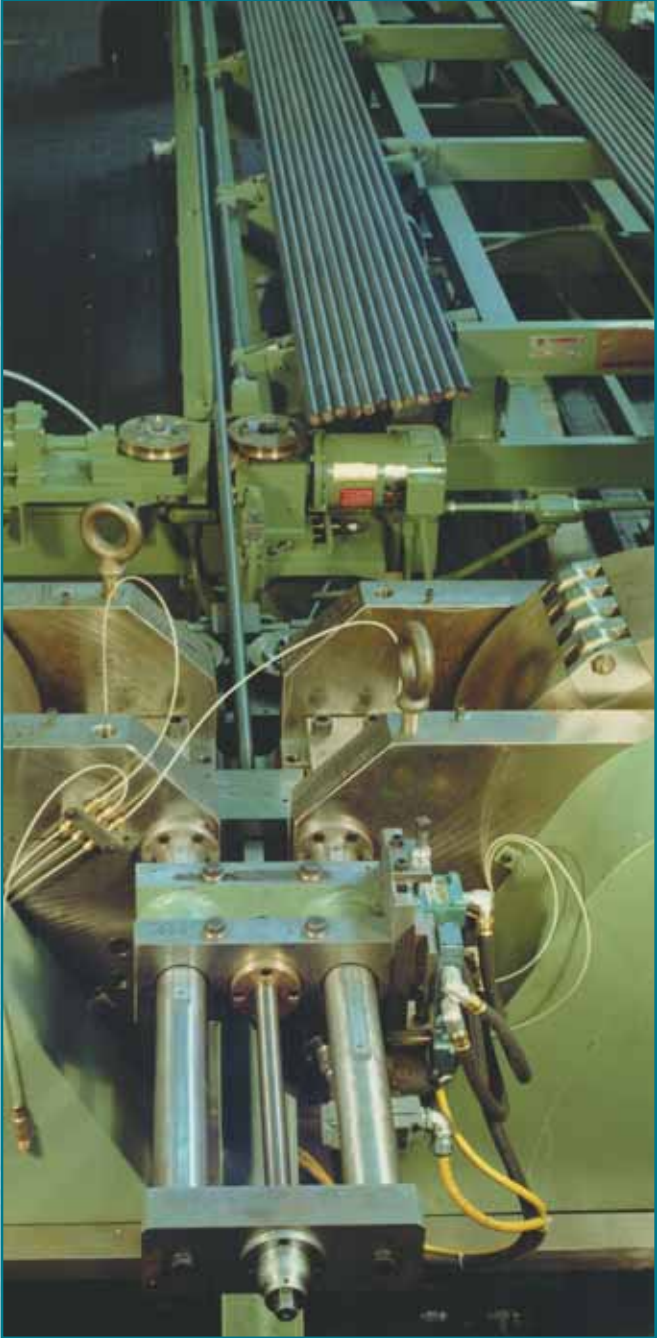
### Cut a Wide Variety of Shaped Stock

Precise length and cuts squareness can be achieved with a wide range of shapes ... round, square, rectangular, hexagonal, triangular or octagonal... in bar form.



### A Fenn Impact Cutoff machine is ideal for producing:

- Roller and needle bearing rollers
- Automotive parts
- Hand tools – chisel, screwdriver shaft, sockets
- Motor shafts
- Bolts, studs, rivets, dowel pins
- Cold forming slugs
- Drill and tap blanks



### Bar Feeders

Bar feeders for Models 62 and 125 handle stock from 3/8" to 1-1/4" diameter in lengths up to 20 feet with a 10,000 lb. capacity.

Bar feeders for Model 200 handle stock from 3/4" diameter to 2" diameter in lengths up to 20 feet with a 10,000 lb. capacity.

Bars are individually released from an inclined ramp, and axially driven by feed rolls into the dies. A micro-adjust positive stop triggers the die stroke and assures extreme accuracy of slug length.

## Impact Cutoff Machines Capacities and Dimensions

Impact Cutoff Machines Capacities and Dimensions							
Machine		Model 62		Model 125		Model 200	
Tensile Strength		Round Stock	Square Stock	Round Stock	Square Stock	Round Stock	Square Stock
Capacity	60,000 PSI	5/8	17/32	1-1/4	1- 1/16	2	1-3/4
	90,000 PSI	1/2	7/16	1	7/8	1-3/4	1-1/2
	120,000 PSI	7/16	3/8	7/8	3/4	1-1/2	1-1/4
Cutoffs	Min. Dia.	300 Minute		180 Minute		180 Minute	
	Max. Dia.	100/150 Minute		60/90 Minute		45/60 Minute	
	Min. Lg.	1-1/2 x Dia.		1-1/2 x Dia.		1-1/2 x Dia.	
	Max Lg.	12		24		36	
	Tolerance	± .005		± .005		± .005	
Power	Tons	10		40		160	
	Cutoff H.P.	7-1/2 *		15		50	
	Feed H.P.	* Included		5		10	
Air Pressure		80 PSI		80 PSI		80 PSI	
Overall Dimensions	Width	50	Hood Open	66	Hood Open	104	Hood Open
	Length	68	102	88	137	120	172
	Height	54	57	58	65	84	112
Weight	Lbs.	4,000		8,000		28,000	
<b>Standard Equipment All Models</b> Micro adjust positive stop Roll Feed Sound deadening hood Semi-automatic lubrication – oil & grease							
<b>Standard Accessories</b> Targets (stops) – 1 set Feed rolls – 1 set Electric controls – 1 set Service manuals – 1 set			<b>Optional Accessories</b> Cutoff dies – 1 set required for each stock size Front end crop unit Automatic lubrication Bar feeder *				
<b>* Bar feed - for 62 &amp; 125 cutoff</b> Capacity - 10,000 lbs. - 20 ft. lg. bars Bar Size - 1-1/4" maximum Overall Dims. - 6 ft. wide x 20 ft. lg. x 6 ft. high							
<b>* Bar feed - for 200 cutoff</b> Capacity - 10,000 lbs. - 20 ft. lg. bars Bar Size - 3/4" minimum - 2" maximum Overall Dims. - 7-1/2 ft. wide x 20 ft. lg. x 6-1/2 ft. high							
For all three Impact Cutoff machines, special consideration must be made of the bar ends, which must be burr free and straight. The overall bar cannot have more than a 1/4" camber in 5 ft. If hot rolled material is used, the dies must be made oversize which reduces the quality of the cut. Carbon content, if less than .20% will result in a roll over type cut.							

"Integrity is doing the right thing,  
even if nobody is watching."  
— Jim Stovall