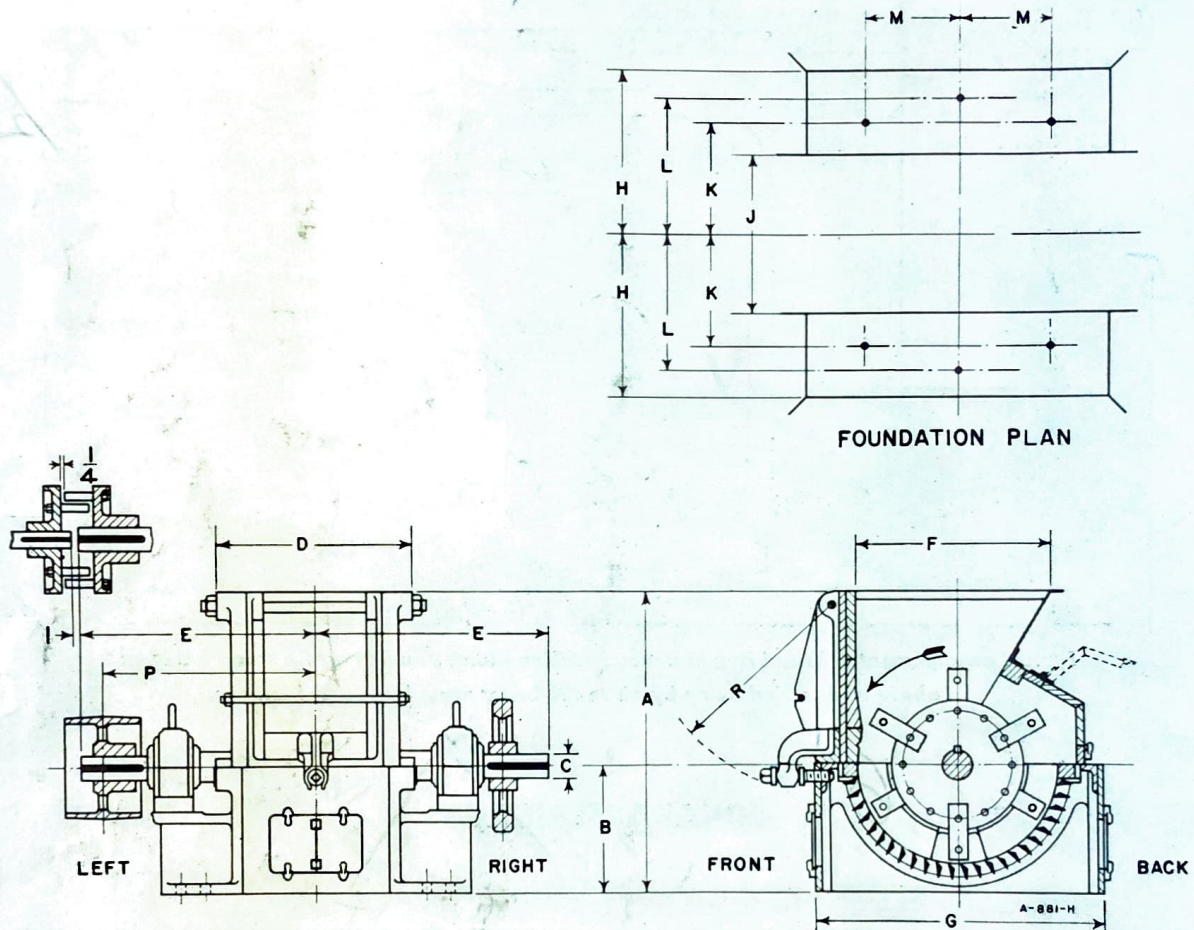


# TYPE B Dimensions

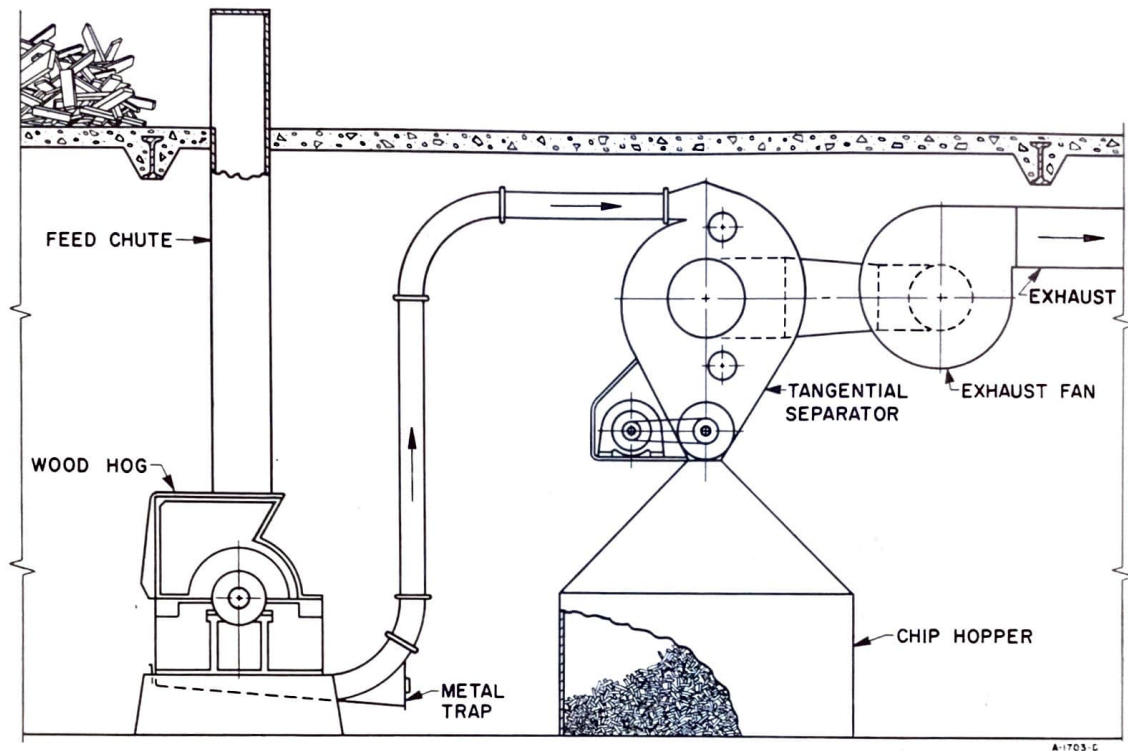


*This outline gives approximate dimensions only.  
For detail setting plan, ask for certified print.*

Size Machine	DIMENSIONS IN INCHES														
	A	B	C	D	E	F	G	H	J	K	L	M	P	R	Pulley
20"x12"	32	13 1/2	2-7/16	18 3/4	23 1/2	19 1/2	29 1/2	12 1/2	12	9 1/4	...	12	21 7/8	21 1/4	8x 8 3/4
24"x20"	38 1/2	16 1/2	3-7/16	27 3/4	31 3/4	23 1/2	40 1/4	20 1/2	22	18	...	11	28 1/8	24	12x11 1/2
36"x24"	54 1/2	23	4-7/16	35 1/4	42	33 1/2	51 1/2	29	28	19 3/4	24	16 1/2	38	34 1/2	18x13 1/2
36"x36"	54 1/2	23	4-15/16	46 1/4	49	33 1/2	51 1/2	34 1/2	39	25 1/4	29 1/2	16 1/2	45 1/4	34 1/2	18x17 1/2
36"x48"	54 1/2	23	5-7/16	59 1/4	58 3/4	33 1/2	51 1/2	41	52	31 3/4	36	16 1/2	54	34 1/2	18x21 1/2
36"x60"	54 1/2	23	6	70 1/4	67	33 1/2	51 1/2	46 1/2	63	37 1/4	41 1/2	16 1/2	61	34 1/2	18x25 1/2
42"x24"	64 1/2	26 1/2	4-15/16	38	43 1/4	40	61 3/4	29 1/2	28 1/2	20 1/4	24 1/4	23	39 3/4	40	22x15
42"x36"	64 1/2	26 1/2	5-7/16	50	52 1/4	40	61 3/4	35 1/2	41	27	31	23	50 3/4	40	22x25
42"x48"	64 1/2	26 1/2	6	61 3/4	60	40	61 3/4	41 1/2	53	33	37	23	56	40	18x25 1/2
42"x66"	65 1/2	26 1/2	7 1/2	79	71 1/2	40	71 1/2	51	73	40 1/2	44 1/2	23	...	40	Flex. Coupling

# TYPE B

## Installation and Characteristics



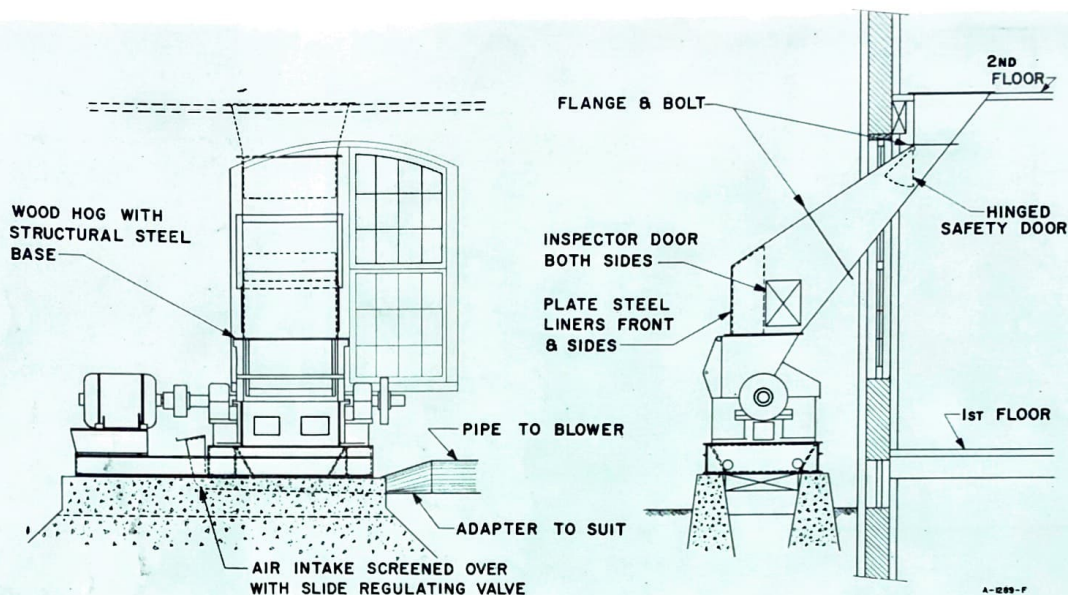
*Typical arrangement of Wood Hog in a woodworking plant, showing waste wood fed from above and carried away by air to the boiler room for use as fuel.*

### CHARACTERISTICS

Size of Machine	Approx. Weight (Pounds)	Feed Opening Size	Floor Space
20x12	3000	18x12	2'- 8x 4'- 6
24x20	4800	22x20	3'- 2x 5'-10
36x24	9000	30x24	4'- 4x 6'- 8
36x36	11800	30x36	4'- 4x 8'- 7
36x48	14600	30x48	4'- 4x10'- 3
36x60	17800	30x60	4'- 4x12'- 4
42x24	13000	40x24	4'-10x 7'- 4
42x36	17200	40x36	4'-10x 9'- 8
42x48	26000	30x48	4'-10x10'- 2
42x66	36000	42x66	4'-10x13'- 0

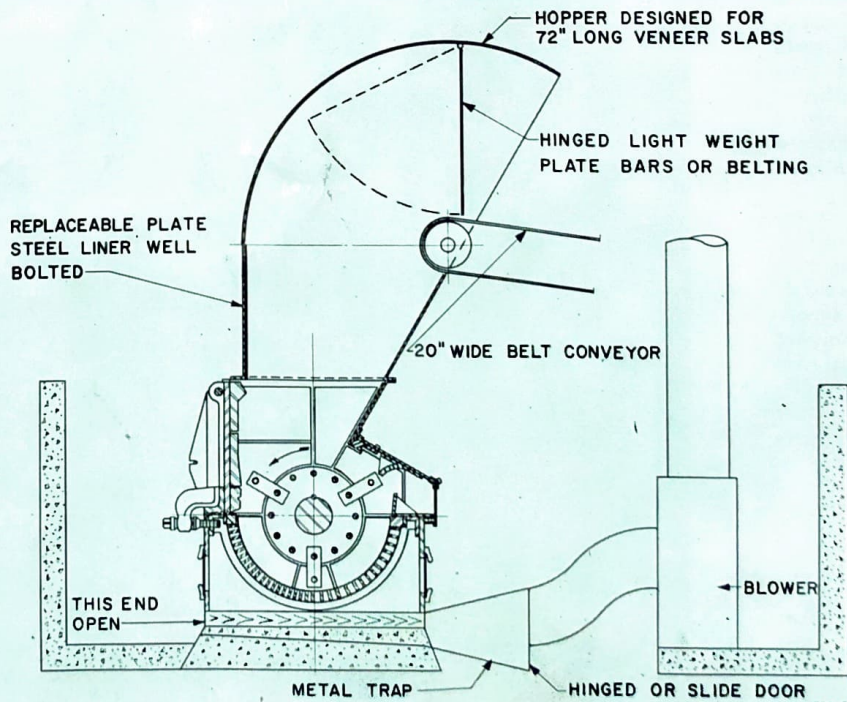


# TYPE B Wood Hog Installations



*Typical Wood Hog on a structural steel base, installed outside a building, fed by a chute from the second floor inside the building. The material is conveyed away by a blower system.*

*Smaller sizes of Type B Shredders and Wood Hogs can be furnished with cast iron base and larger sizes with structural steel base — suitable for mounting both machine and motor — either with direct-connected or V-belt drive.*



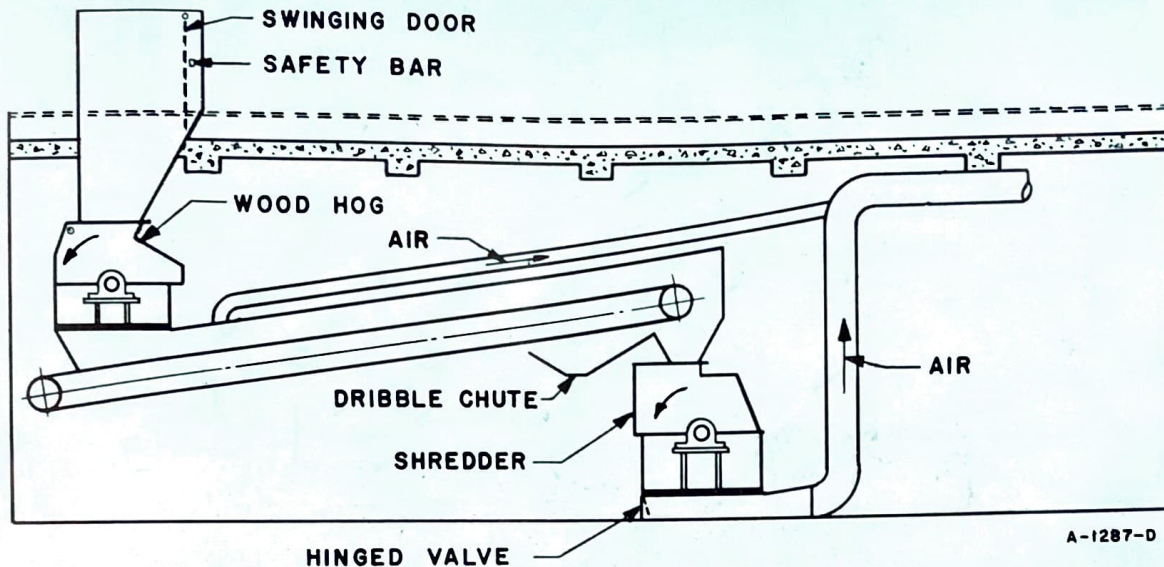
*Installation of a Type B Wood Hog handling scrap wet veneer and bark fed by a belt conveyor. The material is carried away by a blower system.*

*Note provisions for air intake, generally with regulating valve, below wood hogs in both of these installations. Discharge hoppers should be as shallow as possible and additional air intake is necessary when shredded product is removed by a pneumatic system.*



# TYPE B Wood Hog Installations

**JEFFREY  
SWING HAMMER  
SHREDDERS and  
WOOD HOGS**

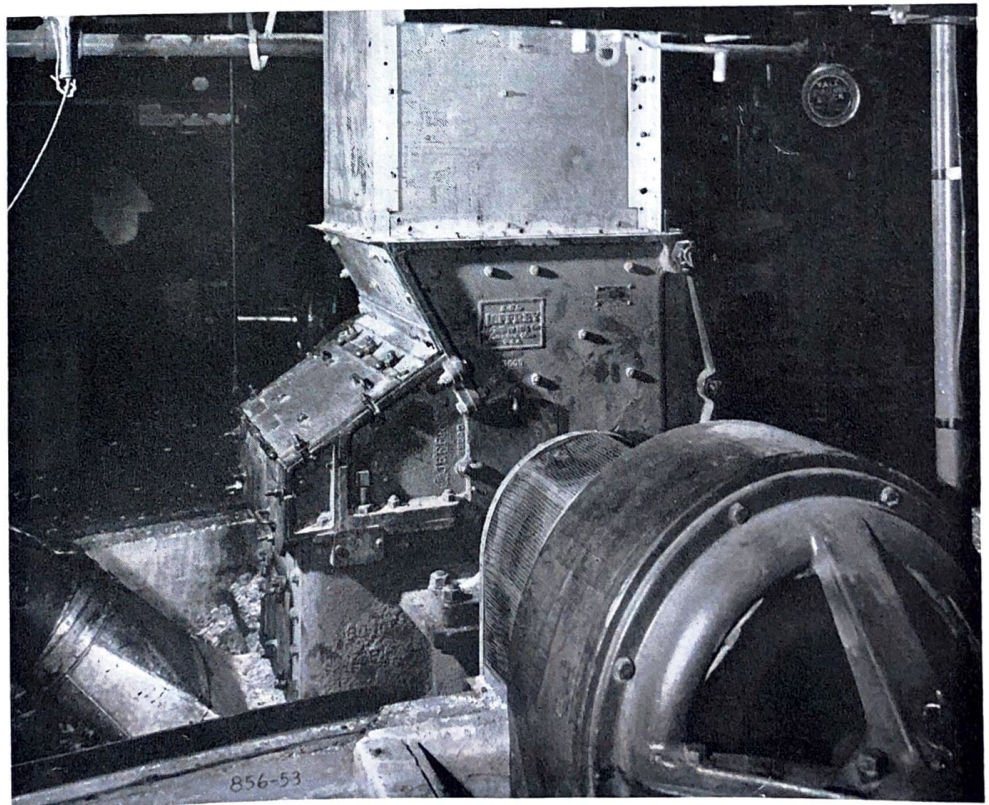


Wood Mill waste to Sawdust.

Typical Installation showing Type B Wood Hog and Type A Shredder in series. Wood waste is fed into the Wood Hog through a chute from above: the shredded wood is carried to the Type A Shredder on a belt conveyor, and removed by a blower system.

Planer shavings may be reduced by a Type A shredder to sawdust. Sawdust can also be made from light wood refuse by operating two shredders in series, the first having heavy hammers and screen bars, with the second having light hammers and small-mesh grooved screen bars or perforated plates. These two units are generally a Type B Wood Hog and a Type A Shredder, respectively.

Wood Hog Installation. Scrap wood is fed from above through a chute and removed from below Wood Hog by a blower system.



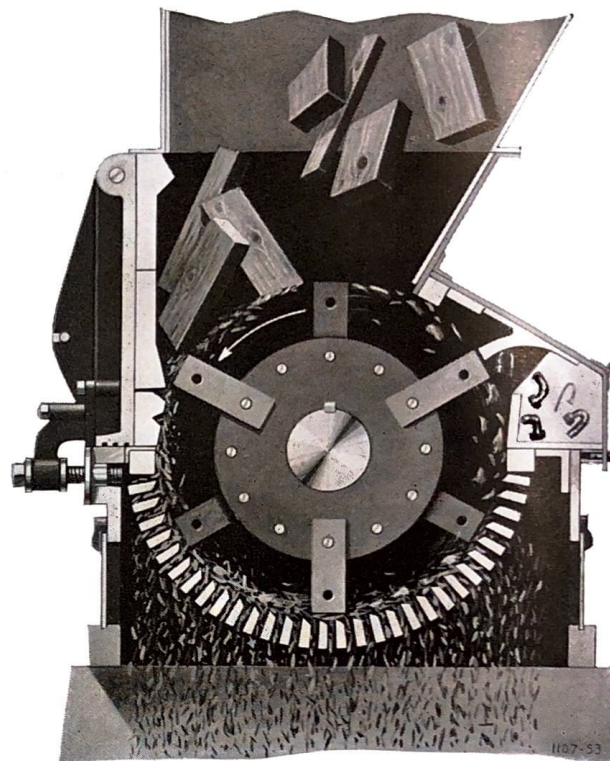


**JEFFREY  
SWING HAMMER  
SHREDDERS and  
WOOD HOGS**

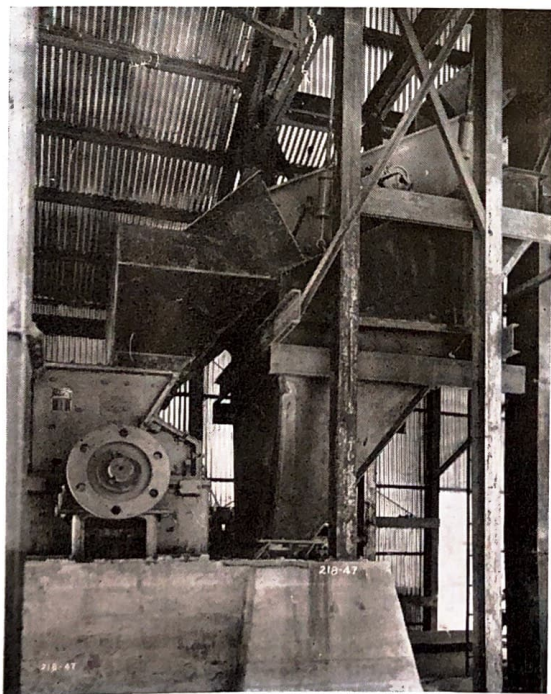
## **TYPE B**

### **For Heavy Duty Service in Reducing Fibrous Materials**

The Jeffrey Type B Shredders are heavy duty machines, and include larger sizes with capacities beyond the range of the Type A Shredders. They are widely used for shredding bark, wet veneer scrap, waste wood and other tough, fibrous materials requiring heavy impact and strong rigid machines.



**Cross Section View of Type B Shredder with Metal Catcher.**



**Installation of a Type B Shredder used to shred material that will not pass through the Vibrating Screen.**

### **DESCRIPTION**

Except for more rugged construction, heavier rotor, and larger size, the Type B follows the same general design as the Type A.

While the best shredded products from some materials is made with thin hammers, thicker hammers serve best for other materials, especially when the feed size is large. A combination of thin and thick hammers sometimes works best to get maximum capacity and required product — thin hammers for required fineness and thick hammers for heavy primary shredding and increased capacity. To a considerable extent, the capacity is dependent upon hammers having sufficient force to stay in effective working position, which is dependent upon hammer size and weight and operating speed.

Rigid hammers are also available on the Type B for special requirements. The Bale Breakers and the Pulp Lap Shredders, two special types of Rigid Hammer Type B Shredders, are shown on pages 46 and 47.



# TYPE B Wood Hogs

**JEFFREY  
SWING HAMMER  
SHREDDERS and  
WOOD HOGS**

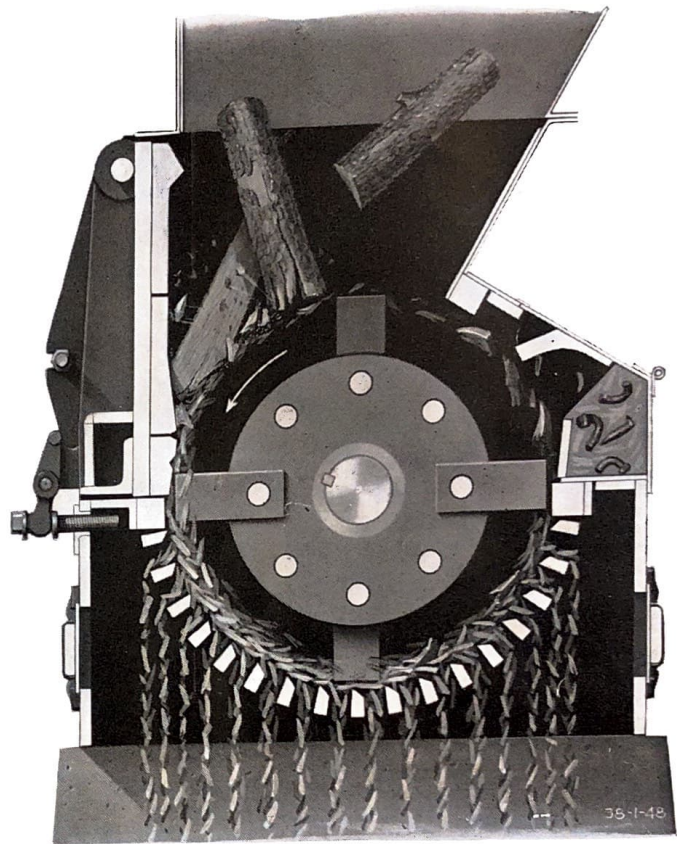
## WOOD HOG

When a Type B Shredder is designed to reduce large pieces of wood, it is known as a Wood Hog. All kinds of wood refuse, boxes, barrels, ends of planks, edgings and branches, can be shredded to a size which can be efficiently handled by a blower or conveyor.

Wood Hogs can easily shred wood containing nails, spikes, screws, strap iron and other small pieces of metal as there are NO KNIVES which require resharpening. A Metal Catcher is usually attached to the Wood Hog.

## METAL CATCHER

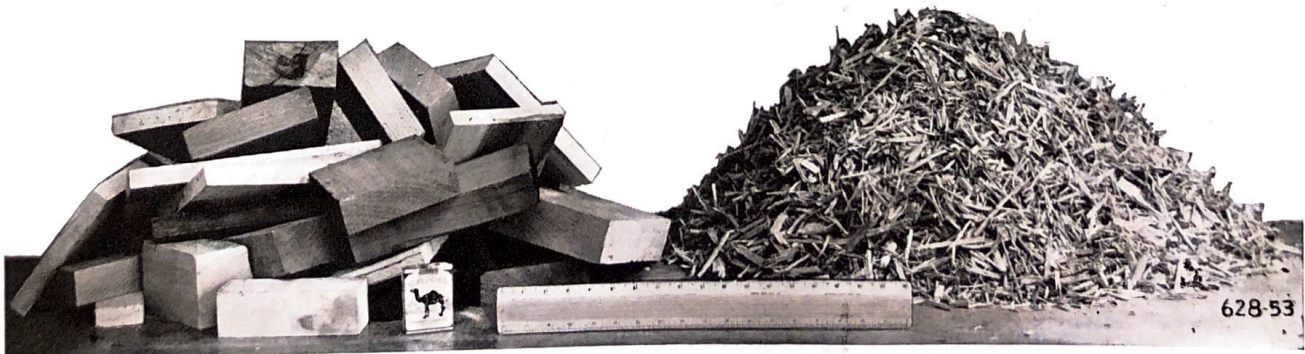
Many materials to be reduced contain no scrap metal and the metal catcher would be an unnecessary addition to the shredder. It is therefore not part of a standard machine, but is supplied only when ordered. A metal catcher may be added to a shredder at any time, even after installation.



**Cross Section View of Heavy Duty Wood Hog with Metal Catcher. The Metal Catcher can be attached to all sizes of Type B machines.**



**Steel Shafting, 1 15/16" diameter x 15" long, that was accidentally fed to a Wood Hog and ended in the Metal Catcher. No damage was done to the machine.**



**Kiln-dried Wood Refuse Before and After Shredding in a Wood Hog for low pressure pneumatic conveying.**