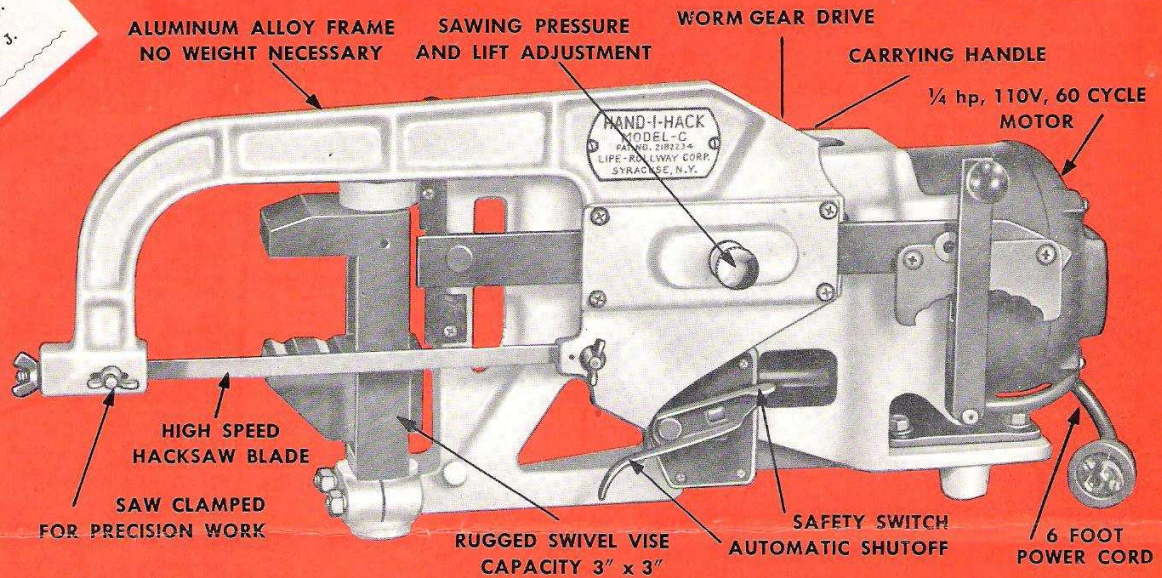


BOSS MACHINERY CO.
35 Satey Street
SPRINGFIELD, N. J.
DR. 6-1535



"HAND-I-HACK" *Portable Power Hack Saw*

★ *Portable*

Hand-I-Hack is a genuinely portable machine to do the many metal sawing jobs heretofore of necessity done by hand. It is so light it is carried with one hand. It operates from any outlet. Motors are available for all standard circuits.

★ *Eliminates Fatigue*

Skilled mechanics in nearly all trades frequently have to cut metal with a hand hack saw. There is no more fatiguing occupation. Few men can saw steadily for five minutes without rest, yet many necessary cuts require from 1/4 to 1/2 hour. Even short, frequently made cuts, such as conduit, pipe, angle iron, etc., result in considerable fatigue as the day progresses. Hand-I-Hack eliminates this costly tiring labor.

★ *Cuts True*

Also it is very difficult to cut true with a hand hack saw, especially with tubing and soft thin metals. Angular and curved cuts are the rule rather than the exception. Hand-I-Hack cuts true. Very thin parallel cuts can be made easily.

Hand-I-Hack is not intended for speeding up the job. Sawing speed is limited by the tooth spacing and capacity of the blade to clear chips. It is intended to improve the quality of the work done and reduce the fatigue resulting when high-grade mechanics must saw metal by hand.

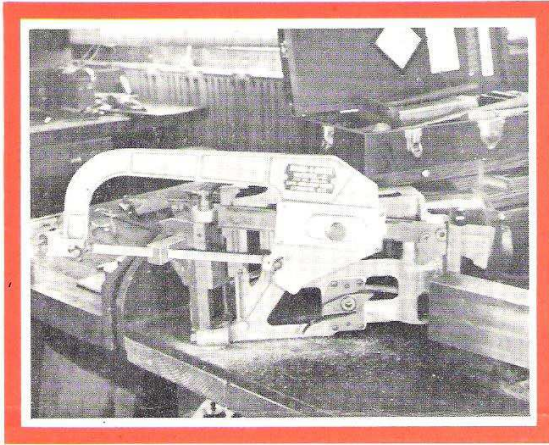
Give your good man this good tool. Saw blades last so long that savings in this expense pay for Hand-I-Hack in a short time.

★ *Draw Cut and Lift Return — Works in any Position*

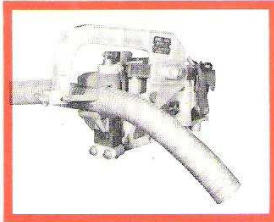
Hand-I-Hack operates with draw cut and lift return on a new patented principle which eliminates the necessity for the use of weight. Sawing pressure is easily adjusted for any job from 3" x 3" solid tough steel to thin wall brass tubing. This patented principle makes it possible for Hand-I-Hack to saw in any position. It will cut downward, horizontally, vertically, and *even upside down if necessary*. The work vise may be clamped to a pipe or stanchion in any position and a clean true cut will result.

MANY APPLICATIONS ARE PICTURED ON THE FOLLOWING PAGES →

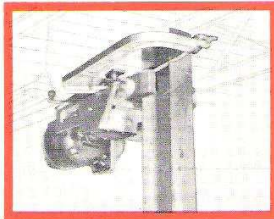
HAND-I-HACK *Portable*



The Hand-I-Hack is extremely useful around the toolmaker's bench.

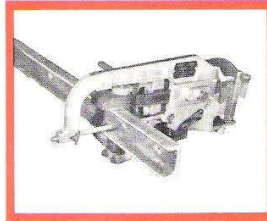


Cutting flexible metal hose.

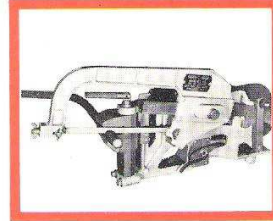


Cutting 4" I-beam. Note that Hand-I-Hack is self-supported, horizontally.

Cutting a formed steel track. Note that the Hand-I-Hack is self-supported vertically.



Cutting a 3" x 1/2" channel iron.



Cutting insulated stranded copper cable.

NOBODY LOVES TO HACKSAW! Cutting metal by hand is the most tiring and least rewarding job a skilled mechanic must do.

HAND-I-HACK is the only practical machine available to do the many metal-sawing jobs heretofore possible only with hand labor at a cost far out of proportion to the value of the work.

HAND-I-HACK is precisely built, very rugged and light in weight. Alloyed aluminum or magnesium are used wherever feasible. It is easily carried by one hand. It can be attached to the work and will support itself and do an accurate sawing job in any position—horizontal, vertical, angular; *even saws upside down if necessary.*

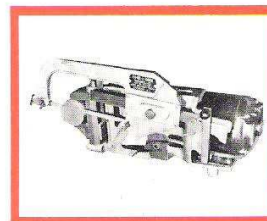
Sawing motion is drawcut and lift return, accomplished by an ingenious patented motion which overcomes gravity and is fully adjustable from the pressure required for cutting 3" solid steel to a feather touch for thin wall tubing.

It has particular ability to saw thin-section materials such as rolled forms, structural shapes, tubing, pipe, conduit, standard cable, etc., which cannot be sawed by coarse tooth blades used in large power hack saws.

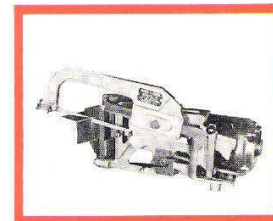
It will pay for itself many times over in maintenance work, tool making, stock room, plumbing, electrical work, structural and sheet metal shop, laboratory and class room.

It is cheap to own and use. First cost is low, operating cost negligible. 1/4 HP motor is plugged to nearest outlet. Low-cost, high speed hand blades last 3 to 5 times longer. Cuts are square and ready for use.

Order from your tool supplier.



Cutting 3" round steel bar.



Cutting angle iron at 22 1/2°.

**SAVE
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*Life-***ROLLWAY CORPORATION,**

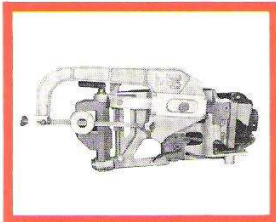
POWER HACK SAW MACHINE

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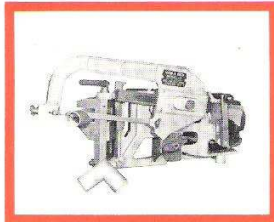
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Cutting bronze bushing billet.



Making a 45° mitre cut on thin wall tubing.

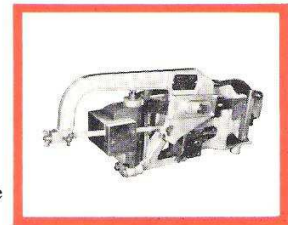


Here the Hand-I-Hack is hanging on its work while making a cut in the stockroom.

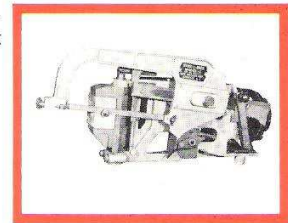


HAND - I - HACK IS PORTABLE. It can be used anywhere current is available. It weighs only 48 lbs. and can be easily carried in one hand. It will cut in any position — downward, sidewise, vertically and *even upside down*. It will support itself when vise is clamped to work.

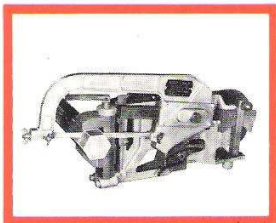
Cutting a 3" square steel bar.



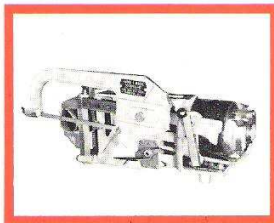
Cutting thin wall tubing, using wood block false jaws.



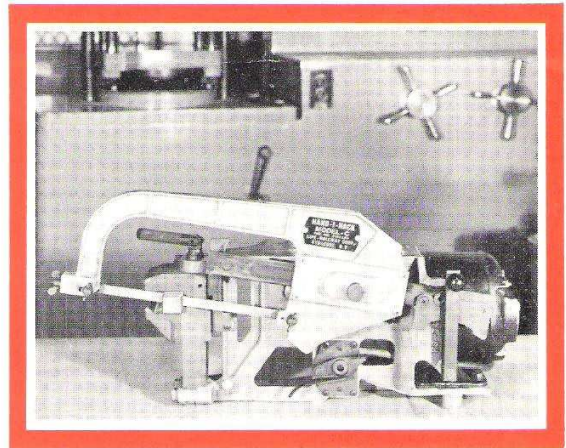
Hand-I-Hack is an important asset in testing laboratories.



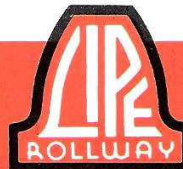
Cutting 2" hex bronze bar.



Cutting thin metal rolled form.



SYRACUSE 1, N.Y.



CABLE ADDRESS:
LIPEGAR

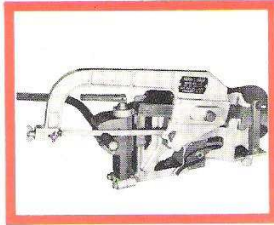
PRINTED
IN U.S.A.

Portable

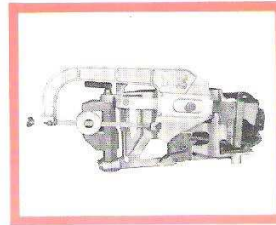
POWER HACK



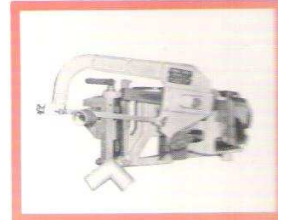
Cutting a 3" x 1 1/2" iron.



Cutting insulated stranded copper cable.



Cutting bronze bushing billet.



Making a 45° mitre cut on thin wall tubing.

SAVE ELBOW GREASE

The most expensive power

USE HAND-I-HACK

for practically all hand-sawing operations



HAND - I - HACK IS PORTABLE. It can be used anywhere current is available. It weighs only 48 lbs. and can be easily carried in one hand. It will cut in any position — downward, sidewise, vertically and *even upside down*. It will support itself when vise is clamped to work.

Y LOVES TO HACKSAW! Cutting metal by hand is most tiring and least rewarding job a skilled mechanic must do.

D-I-HACK is the only practical machine available to do the many metal-sawing jobs heretofore done only with hand labor at a cost far out of proportion to the value of the work.

D-I-HACK is precisely built, very rugged and lightweight. Alloyed aluminum or magnesium are used wherever feasible. It is easily carried by one man. It can be attached to the work and will support itself and do an accurate sawing job in any position — horizontal, vertical, angular; *even saws upside down if necessary*.

The drawcut motion is drawcut and lift return, accomplished by an ingenious patented motion which overcomes the binding of the blade and is fully adjustable from the pressure relief for cutting 3" solid steel to a feather touch for cutting thin wall tubing.

Particular ability to saw thin-section materials such as rolled forms, structural shapes, tubing, pipe, sheet metal, standard cable, etc., which cannot be sawed by other types of tooth blades used in large power hack saws.

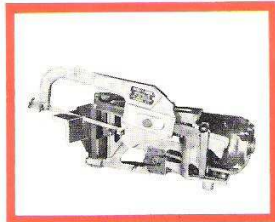
It pays for itself many times over in maintenance, tool making, stock room, plumbing, electrical, structural and sheet metal shop, laboratory and home.

Cheap to own and use. First cost is low, operating cost negligible. 1/4 HP motor is plugged to nearest outlet. Low-cost, high speed hand blades last 3 to 5 times longer. Cuts are square and ready for use.

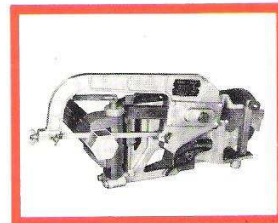
Order from your tool supplier.



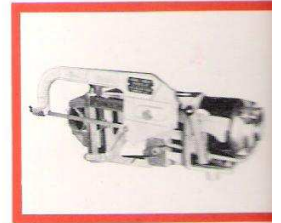
Cutting 3" round steel



Cutting angle iron at 22 1/2°.



Cutting 2" hex bronze bar.



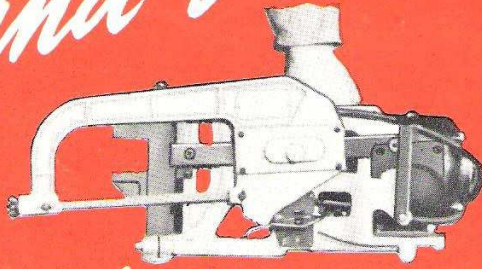
Cutting thin metal rolled form.

CORPORATION,

SYRACUSE 1, N.Y.

LIPE - ROLLWAY CORPORATION
Syracuse, N. Y.

Hand-I-Hack



Portable
POWER HACK SAW

DWIGHT BROS. Machine Tools
85 Salter Street, Springfield, N. J.

DWIGHT BROS. Machine Tools
85 Salter Street, Springfield, N. J.

SPECIFICATIONS

Sawing Capacities:

Square cut — 3" x 3"
45° cut — 1½" x 3"
30° cut — 2⅝" x 3"
22½° cut — 3" x 3"

Vise

Semi-steel machine type with sliding jaw, grooved for round material. Stationary screw with hinged lever. Vise is adjustable and accurately calibrated for cutting angles to 45°.

Saw Frame

Cast aluminum alloy, accurately machined and ruggedly supported.

Saw Blade

18-tooth regular all hard high speed hand blade, 10" x ½" x .025" for ordinary work is furnished. Use 24 teeth or 32 teeth for tubing or thin material. Saw blades are clamped to frame to assure perfect align-

ment. Cuts on draw stroke. Lifts on return.

Drive

Steel worm and bronze worm gear, totally enclosed and running in oil. Drop forged steel crank with silent roller. 115 strokes per minute, no load.

Main Frame

Cast aluminum alloy, all parts are rust-proof finish. Motor only, painted.

Motor

Standard make, ¼ HP fitted with 6 ft. approved grounded lead cord and plug. Available for all standard electric circuits.

Switch

Approved toggle type with safety lever. Stops motor automatically when cut is complete.

Net weight 48 lbs.; shipping weight 58 lbs.

Ideal for the skilled mechanics who work as—

Electricians

Plumbers

Steam Fitters

Structural Steel Workers

Maintenance Men

Tool Makers

Machinists

Indus. Arts Teachers

Model Makers

Home Crafters

LiPe - ROLLWAY CORPORATION



710-840 EMERSON AVENUE - SYRACUSE 5-3131

SYRACUSE I, N.Y.

November 29, 1950

Mr. Dwight H. Boss
35 Salter Street
Springfield, N. Jer.

Dear Sir:

We have your request for information on our HAND-I-HACK portable power hack saw machine and are pleased to enclose circular descriptive of this equipment for your reference.

May we advise that HAND-I-HACK is sold through stock carrying dealers, as an open line. The selling price to users is \$165.00 f.o.b. Syracuse, New York and dealer's discount is 30% in any quantity. In addition if it is purchased in multiples of six machines to be shipped in one package, we allow full freight on the shipment. Delivery at present is about three weeks from receipt of your order. Our terms are net 30 days to rated concerns.

We are enclosing catalog covering our line of machine tools and for additional information refer you to our representative, The Vandyck Churchill Co. of New York City.

We wish to thank you for your interest and will be glad to serve you further.

Very truly yours,

LIPE-ROLLWAY CORPORATION

E. S. Mariotte

E. S. Mariotte
Machine Specialties Division

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