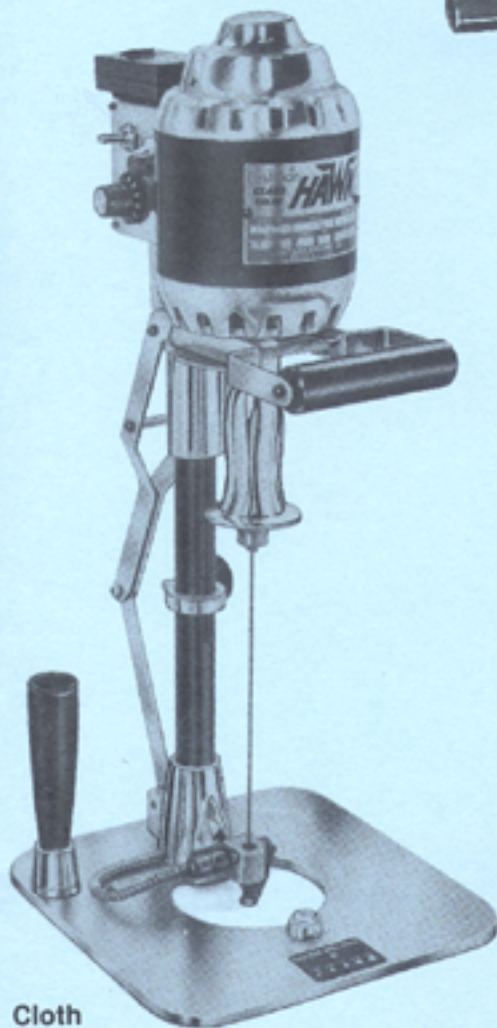
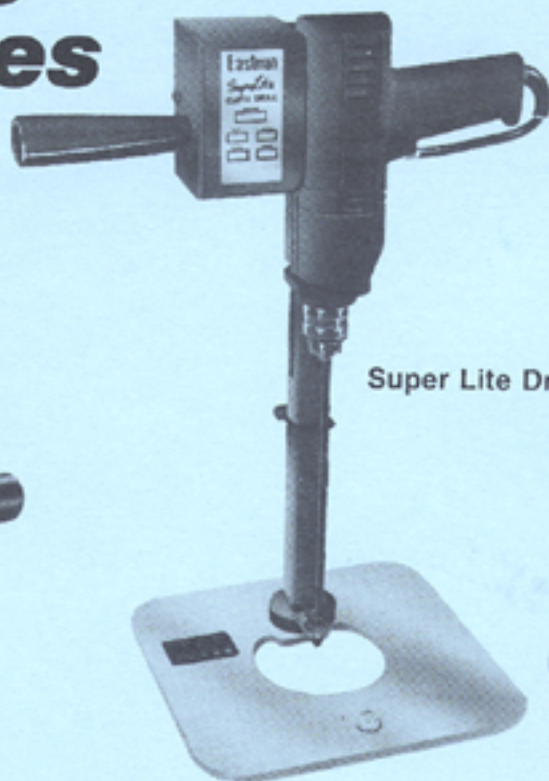


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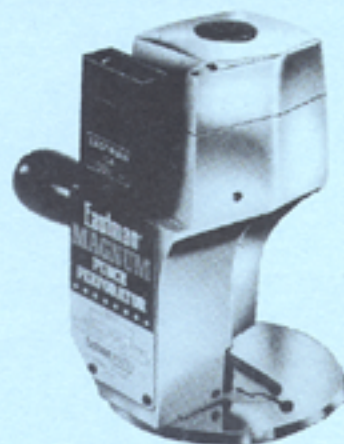
Marking Machines



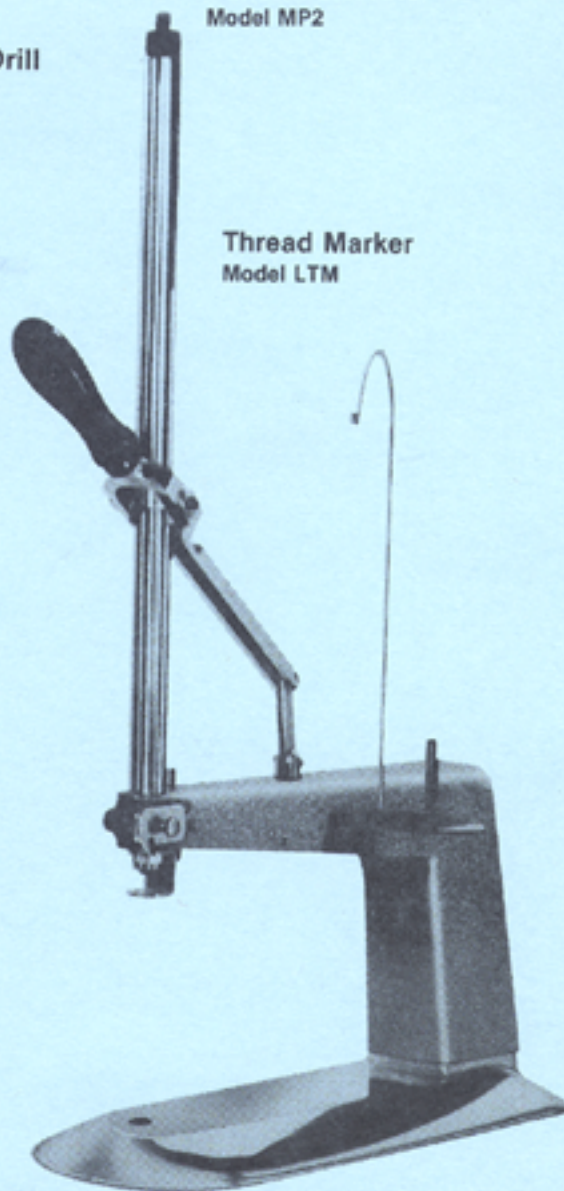
Cloth
Drill Marker
Model CD3, CD3H
Hawk/Model CDL, CDLH



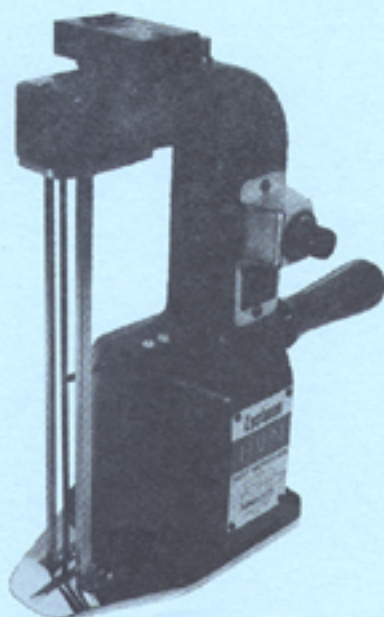
Super Lite Drill



Magnum
Punch Perforator
Model MP2



Thread Marker
Model LTM



Hot Notcher
Model HVN

INSTRUCTION BOOK

Eastmanmachine
COMPANY

779 Washington St., Buffalo, N.Y. 14203-1396 U.S.A. • (716)856-2200 • Fax (716)856-1140 or (716)856-2068
Manufacturers of Eastman Cloth Cutting and Cloth Spreading Machines

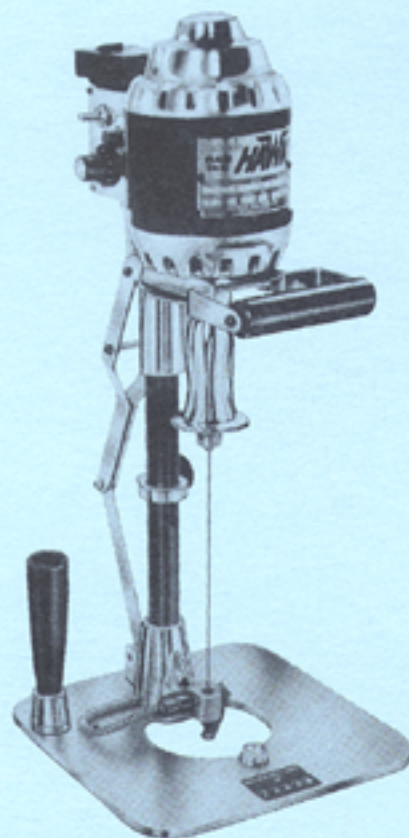
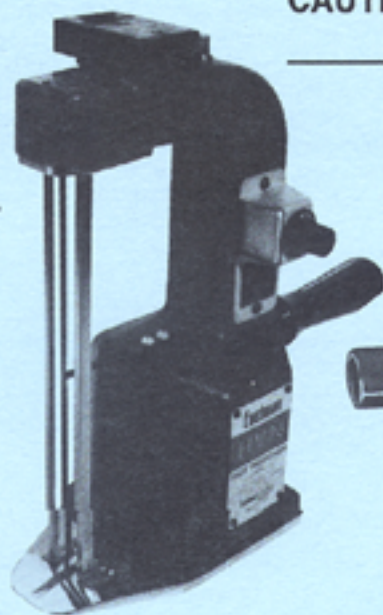
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Marking Machines

CAUTION:

Safety glasses should be worn whenever operating this equipment.

Hot Notcher
Model HVN



Cloth Drill Markers
Model CD3, CD3H
Hawk, Model CDL, CDLH

HOT NOTCHER-Model HVN

Especially useful when marking loose knit materials; the Hot Notcher sears a line that will not unravel or become lost in transit to the sewing room.

Featuring a fully adjustable heating element for safe use with virtually any fabric, and a variable depth gage for heavy or specialized material.

The Eastman Hot Notcher marking machine is engineered to meet all domestic and international safety codes and is available for 110v/220v, 50/60 hz and single or three phase power supplies.

Super Lite Drill



HAWK DRILL MARKER-Model CDL, CDLH

With its muscle magnifying lever action drill, the Hawk will mark faster and with less operator fatigue, through the toughest materials, than can any other drill marker available. These full-featured models will handle virtually any drill marking you may have. See page 3 for drill/awl options.

SUPER LITE DRILL MARKER

Engineered with superior durability and convenient servicing in mind, the Super Lite Drill Marker is ideal for the international market, where these requirements are paramount.

Available in cold or heated models and for use with 120v or 240v power supplies, and fitted with an 8 inch or 9 1/2" baseplate, the Super Lite Drill Marker is able to perform near the capabilities of our heavier duty models with the advantage of lower initial cost. The Super Lite Drill Marker is for use with 8" drills/awls of 5/64", 3/32", 1/8", 5/32", 3/16", and 1/4" diameters only. See page 3 for drill/awl part numbers.

Continued on inside back cover

Cloth Drill

Model CD3, CD3H, CDL, and CDLH

Operating Instructions

CAUTION:

Read instructions carefully before starting motor. Be sure that voltage is the same as stamped on nameplate.

OPERATION

Set gauge as indicated on illustration for drilling proper height of material.

Position Drill Marker over mark on material with drill directly over mark.

To start, throw Switch Lever to "on" position and let motor gather full speed before starting to drill.

Enter Drill or Awl into the goods slowly. Do not force the drill thru the goods with heavy pressure as this will cause the drill to burn or bend and break, or cause motor damage.

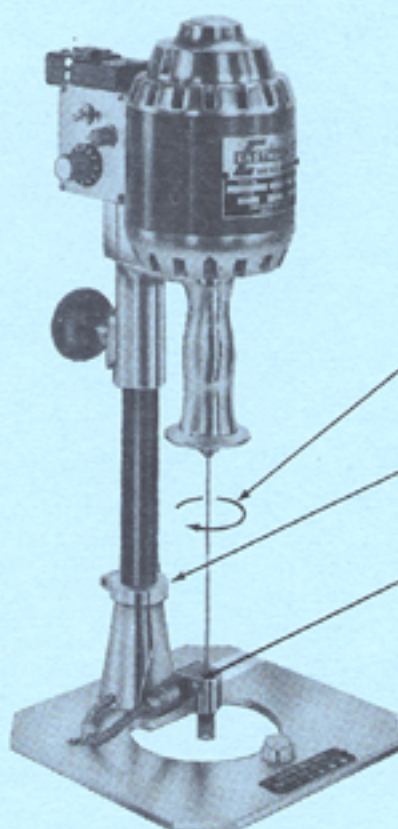
LUBRICATION

The Upper and Lower Motor Ball Bearings as well as the Spindle Ball Bearing in the handle are grease sealed and require no lubrication.

TO CHANGE DRILL

Lay Drill Marker on its side, use Chuck Key to loosen drill. Remove old drill from Chuck and pull down and thru Drill Guide Bushing.

Insert new Drill thru lower Drill Guide Bushing and up into Chuck. Tighten Drill using Chuck Key.



NOTE: Drill must run in direction as shown by Arrow

Set Gauge to the correct height so that drill will not penetrate table

To remove Guide Bushing loosen Screw 3 turns

NOTE:

Each diameter Drill or Awl requires a corresponding Guide Bushing. See chart below. List the serial number of your drilling machine on all orders for drills or parts.

EASTMAN DRILL SELECTION TABLES

Eastman offers a wide selection of Drill Points and Awls for different type materials.

Make sure you get the type Drill you need. Avoid errors by using the Drill Number listed in the tables.

Drills and Awls for 4" Drills, actually measure 5 1/2" Long.

Drills and Awls for 6" Drills, actually measure 7 1/2" Long.

Drills and Awls for 8" Drills, actually measure 10" Long.

Drills and Awls for 11 1/2" Drills, actually measure 13 1/2" Long.

DRILL OR AWL SELECTION TABLE

Drill or Awl dia.		3/64"	5/64"	3/32"	1/8"	5/32"	3/16"	1/4"	5/16"	3/8"
Hole size	Drill length	●	●	●	●	●	●	●	●	●
Diamond Point	4"	—	231C1-1	231C1-2	231C1-3	—	—	—	—	—
	6"	231C1-6	231C1-7	231C1-8	231C1-9	231C1-10	—	—	—	—
	8"	—	231C1-12	231C1-13	231C1-14	—	—	—	—	—
	11 1/2"	—	—	—	—	—	—	—	—	—
Taper Point	4"	231C2-1	231C2-2	231C2-3	231C2-4	—	—	—	—	—
	6"	231C2-7	231C2-8	231C2-10	231C2-12	231C2-13	—	—	—	—
	8"	231C2-17	231C2-19	231C2-20	231C2-21	231C2-24	—	231C2-36	231C2-37	231C2-38
	11 1/2"	231C2-42	231C2-43	231C2-27	231C2-26	231C2-28	231C2-29	—	—	—
Open End Awl	4"	—	231C3	231C3-1	231C3-2	—	—	231C3-5	231C3-10	231C3-7
	6"	—	231C3-18	231C3-11	231C3-12	231C3-13	231C3-14	231C3-15	231C3-16	—
	8"	—	231C3-20	231C3-22	231C3-21	231C3-24	231C3-23	231C3-32	—	—
	11 1/2"	—	—	231C3-25	231C3-27	231C3-28	—	—	—	—
Closed End Awl	4"	—	—	231C4	231C4-1	231C4-2	231C4-3	231C4-29	231C4-30	231C4-31
	6"	—	—	231C4-5	231C4-6	231C4-7	231C4-8	231C4-9	231C4-22	231C4-23
	8"	—	—	231C4-15	231C4-10	231C4-11	231C4-12	231C4-20	231C4-25	231C4-24
	11 1/2"	—	—	231C4-17	231C4-18	231C4-19	—	231C4-26	—	—

DRILL GUIDE BUSHINGS SELECTION TABLE

Cold Drill Bushing	21C13-40	21C13-38	21C13-34	21C13-35	21C13-37	21C13-38	21C13-42	21C13-41	21C13-44
Hot Drill Bushing	21C13-51	21C13-52	21C13-53	21C13-54	21C13-55	21C13-56	21C13-55	21C13-66	21C13-67
*Multiple Size Bushing	21C13-59	21C13-59	21C13-59	21C13-59	21C13-63	21C13-63	—	—	—

*OPTIONAL Multiple size bushing, cold drills only.
Bushing No. 2 21C13-59 for 3/64, 5/64, 3/32 & 1/8 hole sizes.
Bushing No. 2 21C13-63 for 5/32 & 3/16 hole sizes.

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*For 1/4" dia. and larger, use chuck 229C1-6 & setscrew 309C20-1. For models CD3H and CDLH, 1/4" dia. and larger, use Guide Heat Bracket 728C1-10.