

MUELLER® A-3™ DRILLING AND TAPPING MACHINE (39210)

Mueller Co.

1.11

Rev. 9-09

MUELLER A-3 Machine - for drilling, tapping and inserting operations under pressure — 1" to 2-1/2" inclusive

- ☐ Catalog number A-3
- ☐ Hand or power operation
- ☐ Designed for use on pressurized or dry mains
- ☐ Insert or extract corporation stops from 1" to 2" and pipe plugs to 2-1/2" in size
- ☐ Use on cast iron or ductile iron pipe • cement lined cast iron or ductile iron pipe • A-C pipe • cast iron O.D. PVC • steel pipe
- ☐ 90 psig (621 kPa) maximum working pressure without optional power clevis
- ☐ 200 psig (1379 kPa) maximum working pressure with optional power clevis
- ☐ 250 F (121 C) maximum working temperature

Item	Sizes					Operation	Method of operation
Corporation stops	1"	1-1/4"	1-1/2"	2"		Drill and tap mains	Hand or power*
						Insert corporation stop	Hand
						Extract corporation stop	Hand
Pipe plug	1"	1-1/4"	1-1/2"	2"	2-1/2"	Drill and tap mains	Hand or power*
						Insert pipe plug	Hand
						Extract pipe plug	Hand

* When power operating the machine to drill and tap 1-1/2" and larger, only combined shell cutters and taps are recommended.—See page 1.13.

Note: Use B-100 or B-101 to insert corporation stops smaller than 1".

Equipment furnished with each machine:

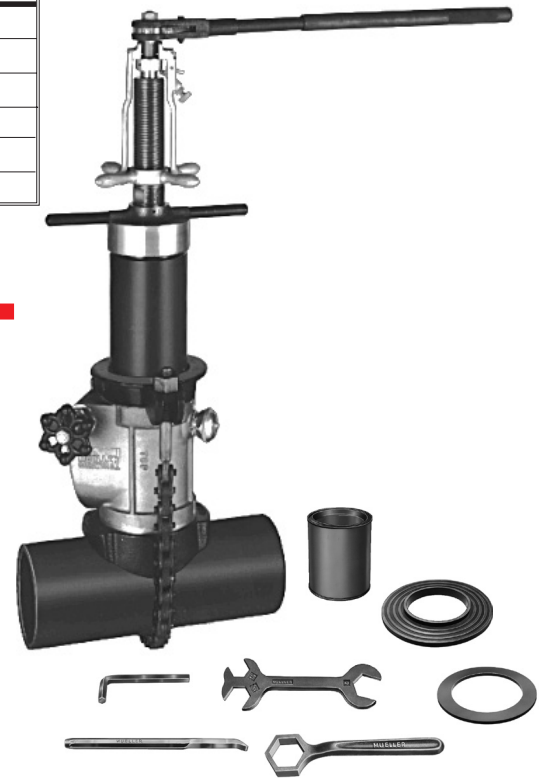
- ☐ Wooden storage chest (not shown)
- ☐ Ratchet handle
- ☐ Ratchet handle extension
- ☐ Small saddle gasket (fits between machine and saddle)
- ☐ Large saddle gasket (fits between saddle and pipe)
- ☐ Flat link chain with eyebolt and nut for 6" thru 16" pipe
- ☐ Chain hook, nut and washer
- ☐ Box end wrench for chain hook nut
- ☐ Allen wrench
- ☐ Open end corporation stop wrench
- ☐ Body cleaning chisel (for cleaning debris from inside of machine body)
- ☐ Cutting grease
- ☐ Instruction manual (Form #8541)

Equipment to be selected:

- ☐ Combined drills and taps or shell cutters and taps—page 1.12 and 1.13
- ☐ Inserting tools (used to insert corporation stops or pipe plugs)—page 1.14
- ☐ Machine saddles (adapts machine to specific type and size of main)—page 1.15

Optional equipment:

- ☐ Extracting tools (used to remove corporation stops or pipe plugs)—page 1.14
- ☐ Equipment for special uses—1.16
- ☐ Power operators—page 1.25



	A-3
Total shipping weight	188 lbs. (85 kg)
Handling weight during operation-Upper section	40 lbs. (18 kg)
Handling weight during operation-Lower section	58 lbs. (26 kg)



WARNING: Use on A-C pipe, which contains a known carcinogen, requires appropriate protective equipment and procedures be employed.