

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"	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.