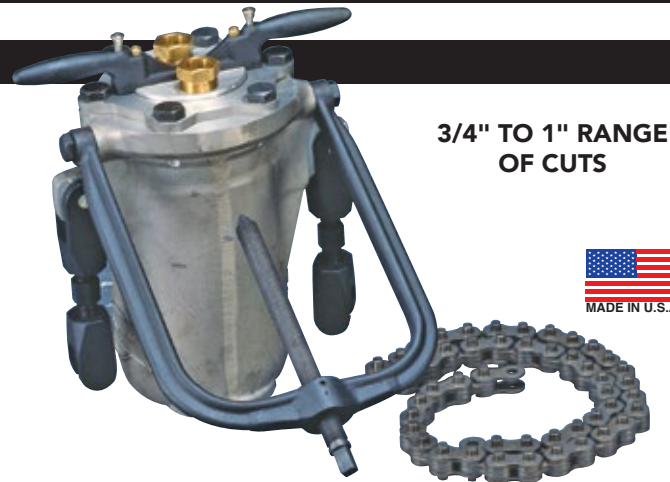


B-1™ DRILLING AND TAPPING MACHINE



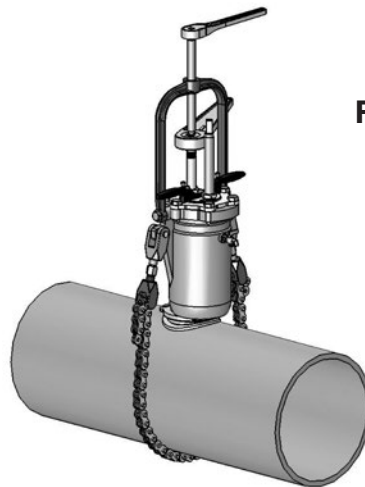
MATERIAL SPECIFICATIONS

- Weighs approximately 32 lbs.
- Performs direct corporation stop insertion without time consuming disassembly.
- Inserts any 3/4" to 1" corporation stop under pressure.
- Extracts threaded corporation stops from the main and inserts a main plug.
- Extracts a defective threaded corporation stop from the main and inserts a new corporation stop (3/4" size only).



FIRST CHOICE IN THE DITCH BECAUSE THE B-1...

- Is lighter and easier to handle.
- Is faster – no disassembly and reassembly during installation.
- Has no chip problems or water loss.
- Is simpler and easier to operate, manually or with power.
- Can be preloaded under cover in foul weather.



PREFERRED BY MANAGEMENT BECAUSE THE B-1...

- Has a low maintenance cost.
- Reduces installation time to save costs.
- Lets you buy only the parts and tools required for your jobs.
- Is made of strong lightweight metal alloys which hold up under stress to provide a long service life.

TO ORDER:

1. Order B-1 Drilling Machine.
2. Order Drill/Taps per desired tap size, thread type and pipe type. Drill/Tap corresponds to body inlet threads on corporation stop.
3. Order Screw Plugs with threads matching the body outlet threads of the corporation stops used.
4. Order a pipe saddle for each size of pipe the B-1 will be used on.
NOTE: One extra chain section (Item Number 353-58) required for 14"– 24" mains, two extra chain sections required for 26"– 32" mains (join chain sections with 353-58-4).
5. Order Power Unit if desired, Ridgid 690-I (373-00) and B-1 Extended Feed Yoke (353-28E).
6. Order extra Tapping Compound if needed. (see Page TM-30).

POWER OPTION NOTE:

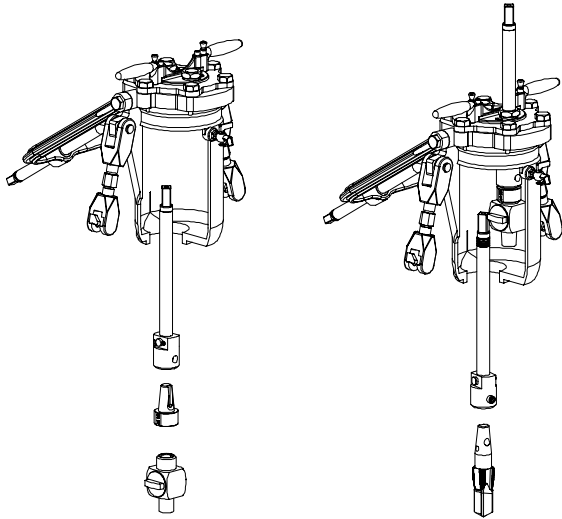
If ordering the Ridgid 690-I electric power drive unit (373-00) by itself for use with the B-1 Drilling and Tapping Machine, you must order the Extended Feed Yoke (353-28E) as well. The B-1 cannot be used under power without the Extended Feed Yoke (353-28E).



B-1™ DRILLING AND TAPPING MACHINE

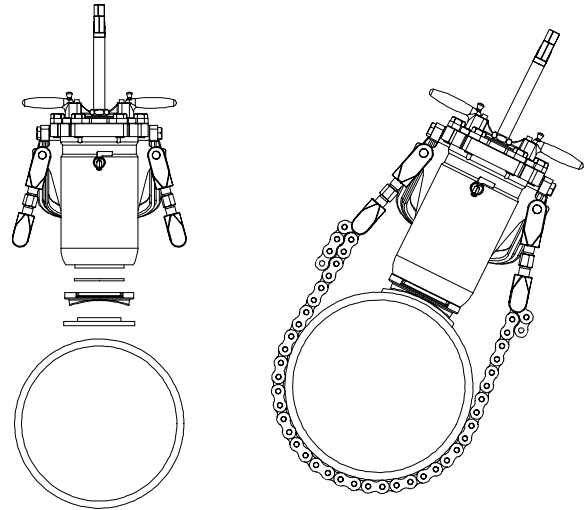
INSTALLATION OF A CORPORATION STOP WITH PRESSURE IN THE MAIN IS COMPLETED IN THESE SIMPLE STEPS

1. LOAD THE MACHINE



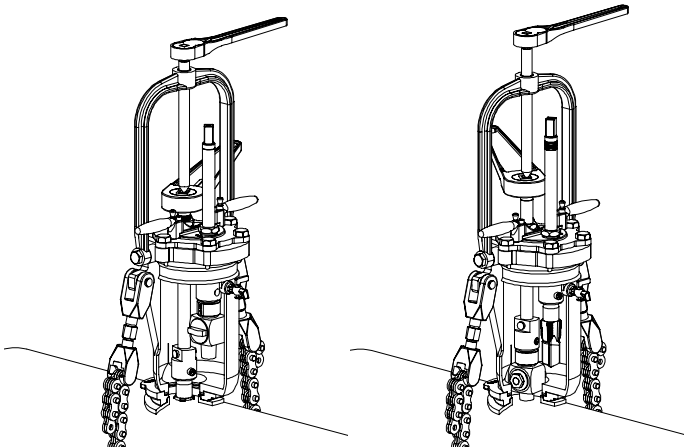
- A. INSERT STOP HOLDER WITH STOP INTO MACHINE.**
- B. SWIVEL MACHINE HEAD 180°.**
- C. INSERT HOLDER WITH DRILL/TAP INTO MACHINE.**

2. MOUNT MACHINE ON MAIN



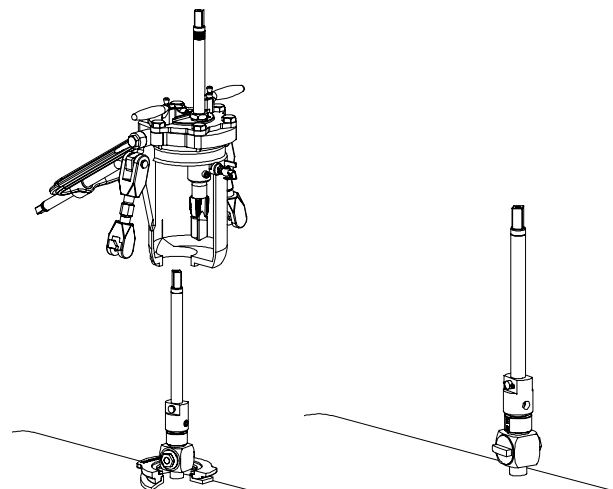
- A. PLACE GASKETS, SADDLE, AND MACHINE ON MAIN AND PARTIALLY TIGHTEN CHAIN.**
- B. POSITION MACHINE TO DESIRED ANGLE AND TIGHTEN CHAIN.**

3. TAP OR DRILL AND INSERT STOP



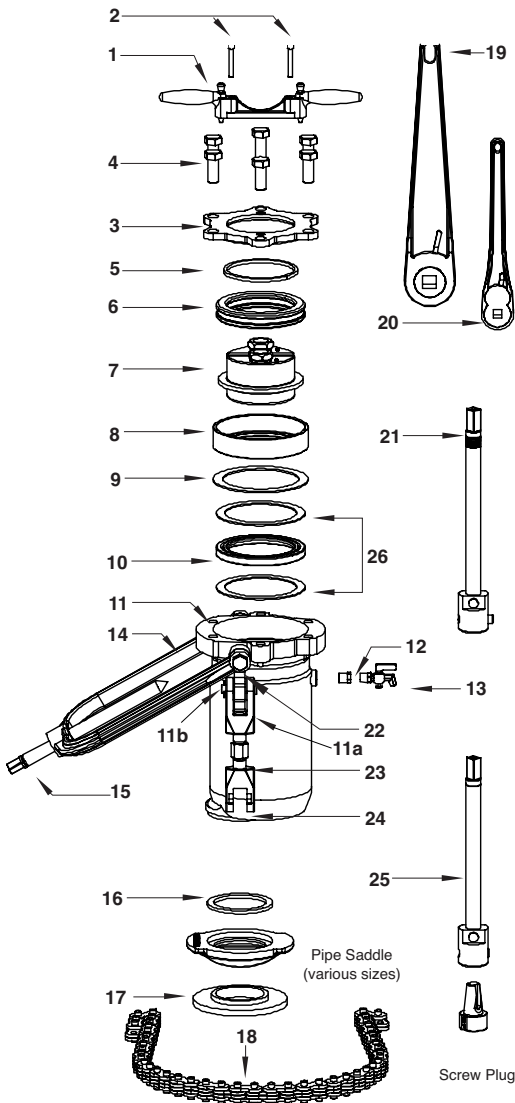
- A. DRILL AND TAP PIPE WALL.**
- B. SWIVEL MACHINE HEAD 180°.**
- C. THREAD CORPORATION STOP INTO PIPE.**

4. REMOVE MACHINE FROM MAIN



- A. OPEN PET COCK TO RELEASE PRESSURE, DROP YOKE AND REMOVE CHAIN.**
- B. LIFT MACHINE FROM MAIN, LEAVING STOP HOLDER ON STOP.**
- C. REMOVE STOP HOLDER WITH WRENCH PROVIDED.**

B-1™ DRILLING AND TAPPING MACHINE

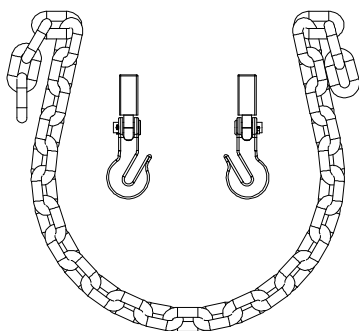


B-1 CHAIN RETROFIT KIT

353-58A.....\$517.52

INCLUDES:

- 353-58-7, B-1 ROUND CHAIN HOOK ASSEMBLY (2)
- 356-11 B-TOO™ CHAIN, ROUND



REF. NO.	DESCRIPTION	ITEM NUMBER	LIST PRICE
B-1 Drilling and Tapping Machine		353-003	\$ 10,238.42
Included with B1 Machine:			
1	Handle Assembly	353-29	\$502.25
	Handle	353-29-29	ea. 281.02
	Stop Pin Knobs (2)	353-29-49	ea. 75.07
	Stop Pins (2)	353-29-501	ea. 74.58
	Stop Pin Springs (2)	353-29-55	POA
2	Socket Head Cap Screws (2)	353-51-2	4.33
3	Aluminum Alloy Flange Assembly	353-27	436.01
	Flange	353-27-27	284.58
	Stop Pin Inserts (2)	353-27-48	ea. 70.98
4	Hex Head Cap Screws (6)	353-51-1	ea. 5.16
5	Felt Dirt Seal	353-57-4	12.45
6	Thrust Bearing	353-56	709.39
7	Aluminum Alloy Head Assembly	353-26	876.77
	Head	353-26-26	764.05
	Bronze Bushings (2)	353-26-62	ea. 44.87
	Bronze Gland Nuts (2)	353-26-39	ea. 112.32
	Gland Packings (4)	353-26-573	ea. 15.75
8	Aluminum Alloy Ring	353-59-2	276.36
9	Ring Gasket	353-57-59	24.08
10	Pressure Seal	353-57-5	146.07
11	Aluminum Alloy Body Assembly	353-23	1,263.65
	Body	353-23-23	1,011.37
11a	Clevises (2)	353-23-42	ea. 200.33
11b	Clevis Pins (2)	353-23-4250	ea. 38.01
12	Brass Iron Pipe Plug	353-65	12.45
13	Brass Pet Cock (Replaces Brass Iron Pipe Plug)	353-64	123.49
14	Feed Yoke Assembly	353-28	789.21
	Feed Yoke	353-28-28	570.46
	Threaded Insert	353-28-48	154.50
	Socket Head Set Screw	353-28-512	2.55
15	Feed Screw	353-43	390.76
16	Top Saddle Gasket	353-57-080	27.97
17	Bottom Saddle Gasket 4" and Larger	353-57-084	84.23
	2" Size (not included)	353-57-082	64.47
	3" Size (not included)	353-57-083	37.20
18	B-1 Chain	353-58	763.70
	Additional 4 ft. chain section required for 14"- 24" mains, Two additional chain sections required for 26"- 32" mains Join chain sections with 353-58-4.		
	353-58-4		\$17.27
19	Ratchet Wrench (large)	353-60-11	499.87
20	Ratchet Wrench (small)	353-60-12	349.63
21	Combination Drill/Tap Holder	353-11-1	1,093.17
	Holder	353-11-111	989.06
	Knockout Pin	353-11-505	89.19
	Cotter Pin	353-11-506	2.55
	Drive Stud	353-11-515	73.63
	Socket Head Set Screw	353-11-514	3.86
22	Yoke Bolts	353-28-511	70.23
23	Chain Tightening Studs (2)	353-58-515	ea. 132.82
24	B-1 Chain Holder (2)	353-58-6	ea. 147.64
25	Stop Holder	353-11-2	1,011.92
26	Brass Rings (2)	353-59-1	ea. 62.85
	<i>Following Items NOT ILLUSTRATED:</i>		
	1/4" Hex Wrench	353-60-32	33.27
	3/16" Hex Wrench	353-60-31	5.54
	7/8" Open End Wrench	353-60-21	78.97
	1-15/16" Open End Wrench	353-60-22	132.82
	Steel Chest	353-61	1,016.05
	Tech Lube Tapping Compound	353-10-1	56.44

TRANSMATE



B-1™ DRILLING & TAPPING MACHINE PARTS LIST

TO ORDER:

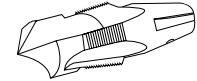
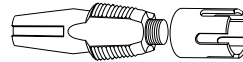
1. Order B-1 Drilling Machine.
2. Order Drill/Taps per desired tap size, thread type and pipe type. Drill/Tap corresponds to body inlet threads on corporation stop.
3. Order Screw Plugs with threads matching the body outlet threads of the corporation stops used.
4. Order a pipe saddle for each size of pipe the B-1 will be used on.

NOTE: One extra chain section (Item Number 353-58) required for 14" – 24" mains, two extra chain sections required for 26" – 32" mains.

5. Order Power Unit, Ridgid 600 (373-00) and the Extended Feed Yoke (353-28E) if desired.
6. Order extra Tapping Compound if needed (see Page TM-30).

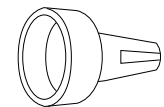
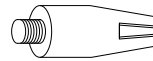
**CUTTING TOOLS AND ACCESSORIES
USE FOR THREADED CORPORATION STOPS**

CUTTING DRILL/TAPS



355-01-210 PVC CUTTER 3/4"
353-04-206 PVC TAP 3/4" CC
353-01-206 PVC CUTTER 1"
353-04-208 PVC TAP 1" CC

IRON PIPE THREAD OR
AWWA THREAD



DRIVE THREAD

**SCREW
PLUGS**

COMPRESSION
OR FEMALE
IRON PIPE

ITEM NUMBER	DESCRIPTION	LIST PRICE
PVC CUTTER AND TAP (requires both)		
For PVC Only		
355-01-210	Cutter, PVC 3/4": 5957 (AWWA CC thread)	\$518.65
353-04-206	Tap, 3/4" PVC: 5956 (AWWA CC thread)	1,074.86
353-01-206	Cutter, 1" PVC: 5975-1 (AWWA CC thread)	519.88
353-04-208	Tap, 1" PVC: 5956 (AWWA CC thread)	1,160.55
DRILL/TAPS		
For Ductile, Cast Iron & A/C		
353-02-106	Drill/tap, 3/4" IP: 5951 (Iron Pipe thread)	761.17
353-02-108	Drill/tap, 1" IP: 5951 (Iron Pipe thread)	807.31
353-02-206	Drill/tap, 3/4" CC: 5950, 5952 (AWWA thread)	538.68
353-02-208	Drill/tap, 1" CC: 5950, 5952 (AWWA thread)	736.53
SCREW PLUGS (other thread forms available upon request)		
353-06-106	Screw Plug: 5960 (3/4" Coarse Thread Compression)	402.45
353-06-108	Screw Plug: 5960 (1" Coarse Thread Compression)	407.49
353-06-110	Screw Plug: 5960 (1 1/4" Coarse Thread Compression) ¹	536.50
353-06-306	Screw Plug: 5960-2 (3/4" Female Iron Pipe)	534.18
353-06-308	Screw Plug: 5960-2 (1" Female Iron Pipe)	549.02
353-06-406	Screw Plug: 5961 (3/4" Drive Thread)	549.02
353-06-408	Screw Plug: 5961 (1" Drive Thread)	563.84

¹ For use on 1" Corporations with 1-1/4" outlet threads.

* Corp. Stop Adapter Cross Reference at www.romac.com/tapmate-too

ITEM NUMBER	DESCRIPTION	LIST PRICE
PIPE SADDLES		
353-08-016	*Pipe Saddle: 5970 (to mount B-1 on 2" pipe)	\$125.94
353-08-024	*Pipe Saddle: 5970 (to mount B-1 on 3" pipe)	125.94
353-08-032	Pipe Saddle: 5970 (to mount B-1 on 4" pipe)	125.94
353-08-048	Pipe Saddle: 5970 (to mount B-1 on 6" pipe)	125.94
353-08-064	Pipe Saddle: 5970 (to mount B-1 on 8" pipe)	125.94
353-08-080	Pipe Saddle: 5970 (to mount B-1 on 10" pipe)	125.94
353-08-096	Pipe Saddle: 5970 (to mount B-1 on 12" pipe)	125.94
353-08-112	Pipe Saddle: 5970 (to mount B-1 on 14" pipe)	125.94
353-08-128	Pipe Saddle: 5970 (to mount B-1 on 16" pipe)	125.94
353-08-144	Pipe Saddle: 5970 (to mount B-1 on 18" pipe)	125.94
353-08-160	Pipe Saddle: 5970 (to mount B-1 on 20" pipe)	125.94
353-08-192	Pipe Saddle: 5970 (to mount B-1 on 24" pipe)	125.94
353-08-240	Pipe Saddle: 5970 (to mount B-1 on 30" pipe)	412.95
353-08-288	Pipe Saddle: 5970 (to mount B-1 on 36" pipe)	412.95
353-08-336	Pipe Saddle: 5970 (to mount B-1 on 42" pipe)	412.95
353-08-384	Pipe Saddle: 5970 (to mount B-1 on 48" pipe)	412.95
353-08-432	Pipe Saddle: 5970 (to mount B-1 on 54" pipe)	412.95
353-08-480	Pipe Saddle: 5970 (to mount B-1 on 60" pipe)	412.95

* must order Bottom Saddle Gasket (see TM-12)

TAPPING COMPOUND		
353-10-1	Tapping Compound	56.44
353-10-3	Tapping Compound / Case (12)	650.93

POWER OPTION		
373-00	Ridgid 690-I Electric Drive with 5/8" sq. drive adapter (373-05-1)	5,120.74
370-70	GF-15 Ground Fault Interrupter Plug (required)	219.13
353-28E	Extended Feed Yoke (required for use)	944.95