



Made for Professionals by Professionals

Beware of other units sold on the market that use flimsy arbors for shanks.

If they can't do a 6.00" Flanged Hot Tap, it isn't a TM-1 Pro!

This unit has been in the field for over 20 years.

They are used by major Hot Tap Professionals around the world!

TM-1 Pro Series Electric Drive Hot Tap System

Capacity: from 3/4" to 6" for Hot Tapping Copper, Steel, PVC, Cast Iron, Ductile Iron, S/S, ACP, C900, Plastic Pipe and more.

Specifications:

Designed for drilling holes in active Water, Sewer, Air and Natural Gas Lines

Pressure rating: 300psig., 100 Deg F Cold working pressure - Buna Seals

Pressure Rating: 200psig., 250 Deg F Hot working pressure - Silicon Seals (Optional)

Pressure Rating: 150psig., 350 Deg F Hot working pressure - Silicon Seals (optional)

Pressure rating for Air and Natural Gas 150 psi.

Temperature Rating: -40 to 212 Deg F with Buna seals

Temperature Rating: -65 to 400 Deg F with Silicone seals

Hydro-test Pressure: 300 psig., cold, non-shock

Boring Bar Stroke: Short Boring Bar = 13.75", Long Boring Bar = 48.00",

Feed Screw Stroke: 3.0" to 8.5" = Positional at any locations, covering approx. 15" of cutter feed

Power Motor: Milwaukee 1675-6 - 1/2" Hole Hawg R/A Electric Motor - 300 free rpm; 120 v 60HZ

TM-1 Pro 342 - 3/4" to 2.0" NPT Electric Drive Hot Tap System



TM-1 Pro 342 System Includes:

- (1) TM-1 Pro 3-Rail Assembly with Feed Screw Assembly
- (1) 1675-6 - 1/2" Hole Hawg R/A Electric Drive with Motor Plate
- (1) 5/8" I.D. Packing Gland with Brass Insert for 3/4" to 4.0" taps
- (1) 3/4", 1.0", 1.25", 1.5", and 2.0" Threaded NPT Adapters
- (1) 3/4", 1.0", 1.25", 1.5", and 2.0" HSS Cutters
- (1) 18" OAL x 5/8" 1/2-20 TPI Threaded Boring Bar for 3/4"-1.25" taps
- (1) 18" OAL x 5/8" dia. w/ Hex Head Boring Bar for 1.5"-2.0" taps
- (1) 18" OAL x 5/8" dia. w/ Heavy Duty 2-Bolt Boring Bar for 2.0-3.0" taps
- (1) TM1-Pro Heavy Duty Mobile Toolbox with Pull Out Handle
- (1) 1/4" dia x 4-1/4" Short Flute Steel Hot Tap Pilot with Dual Retention wires
- (1) 3/8" dia x 4-1/4" Short Flute Steel Hot Tap Pilot with Dual Retention wires
- (1) Tube Loctite, 24" OD Tape Measure, Set Allen wrenches, User's Manual
- (1) Extra Set Buna Seals and (1) Set Silicone high temp seals for steam
- (1) Extra Set all set screws, bolts, nuts, etc.
- (1) 1/4" Jomar Brass Bleed Valve for 3/4" to 3.0" NPT Adapters
- (1) Bonus: Router Speed Control (Value \$29.95)
- (1) Bonus: Seal pick set (Value \$5.95)

TM-1 Pro 343 - 3/4" to 3.0" NPT Electric Drive Hot Tap System



TM-1 Pro 343 System Includes:

- (1) TM-1 Pro 3-Rail Assembly with Feed Screw Assembly
- (1) 1675-6 - 1/2" Hole Hawg R/A Electric Drive with Motor Plate
- (1) 5/8" I.D. Packing Gland with Brass Insert for 3/4" to 4.0" taps
- (1) 3/4", 1.0", 1.25", 1.5", 2.0", 2.5" and 3.0" Threaded NPT Adapters
- (1) 3/4", 1.0", 1.25", 1.5", 2.0", 2.5" and 3.0" HSS Cutters
- (1) 18" OAL x 5/8" 1/2-20 TPI Threaded Boring Bar for 3/4"-1.25" taps
- (1) 18" OAL x 5/8" dia. w/ Hex Head Boring Bar for 1.5"-2.0" taps
- (1) 18" OAL x 5/8" dia. w/ Heavy Duty 2-Bolt Boring Bar for 2.0-3.0" taps
- (1) 23" OAL x 5/8" dia. w/ Heavy Duty 2-Bolt Boring Bar for 2.0-3.0" taps
- (1) TM1-Pro Heavy Duty Mobile Toolbox with Pull Out Handle
- (1) 1/4" dia x 4-1/4" Short Flute Steel Hot Tap Pilot with Dual Retention wires
- (1) 3/8" dia x 4-1/4" Short Flute Steel Hot Tap Pilot with Dual Retention wires
- (1) Tube Loctite, 24" OD Tape Measure, Set Allen wrenches, User's Manual
- (1) Extra Set Buna Seals and (1) Set Silicone high temp seals for steam
- (1) Extra Set all set screws, bolts, nuts, etc.
- (1) 1/4" Jomar Brass Bleed Valve for 3/4" to 3.0" NPT Adapters
- (1) Bonus: Router Speed Control (Value \$29.95)
- (1) Bonus: Seal pick set (Value \$5.95)

TM-1 Pro 344 - 3/4" to 4.0" NPT Electric Drive Hot Tap System



TM-1 Pro 344 System Includes:

- (1) TM-1 Pro 3-Rail Assembly with Feed Screw Assembly
- (1) 1675-6 - 1/2" Hole Hawg R/A Electric Drive with Motor Plate
- (1) 5/8" I.D. Packing Gland with Brass Insert for 1.0" to 4.0" taps
- (1) 1.0", 1.5", 2.0", 2.5", 3.0", and 4.0" Threaded MIP Adapters
- (1) 1.0", 1.5", 2.0", 2.5", 3.0" and 4.0" HSS Cutters
- (1) 18" OAL x 5/8" 1/2-20 TPI Threaded Boring Bar for 3/4"-1.25" taps
- (1) 18" OAL x 5/8" dia. w/ Hex Head Boring Bar for 1.5"-2.0" taps
- (1) 18" OAL x 5/8" dia. w/ Heavy Duty 2-Bolt Boring Bar for 2.0-3.0" taps
- (1) 23" OAL x 5/8" dia. w/ Heavy Duty 2-Bolt Boring Bar for 2.0-3.0" taps
- (1) 23" OAL x 5/8" dia. w/ Heavy Duty 1-Bolt Boring Bar for 4.0" taps
- (1) 28" OAL x 5/8" dia. w/ Heavy Duty 1-Bolt Boring Bar for 4.0" taps
- (1) 4.0" Drive Head for 4.0" Taps
- (1) TM1-Pro Heavy Duty Mobile Toolbox with Pull Out Handle
- (1) 1/4" dia x 4-1/4" Short Flute Steel Hot Tap Pilot with Dual Retention wires
- (1) 3/8" dia x 4-1/4" Short Flute Steel Hot Tap Pilot with Dual Retention wires
- (1) Tube Loctite, 24" OD Tape Measure, Set Allen wrenches, User's Manual
- (1) Extra Set Buna Seals set screws, bolts & nuts etc., (1) Set Silicone seals for steam
- (1) 1/4" & 1/2" Jomar Brass Bleed Valves for 1.0" to 3.0" and 4.0" MIP Adapters
- (1) Bonus: Router Speed Control (Value \$29.95) & Seal pick set (Value \$5.95)
- (1) Bonus: 4x4 Standard Drill Flanged Adapter for 4.0" Flanged Taps (Value \$45.00)

TM-1 Pro 6.0" Flanged Upgrade



TM-1 Pro 6.0" Upgrade Kit & Accessories Include:

- (1) 6.0" Standard and MJ Drilled 150# Flanged Adapter
- (1) 3/4" Packing Gland with Brass Insert
- (1) 3/4" Drive Head for 6.0" Flanged Taps
- (1) 23" OAL x 3/4" dia. w/ Heavy Duty 1-Bolt Boring Bar for 6.0" taps
- (1) 28" OAL x 3/4" dia. w/ Heavy Duty 1-Bolt Boring Bar for 6.0" taps
- (1) 1/2" Brass Bleed Valve for 6.0 Taps
- (1) Upgrade to largest TM1-Pro Heavy Duty Mobile Toolbox with Pull Out Handle
- (1) 6.0" HSS Cutter
- (1) Extra Set Buna Seals set screws, bolts & nuts & Set Silicone seals for steam

Additional TM-1 Pro Hot Tap Systems Configurations:

- TM-1 Pro 13 – 1.0" to 3.0" MIP Hot Tap System
- TM-1 Pro 14 – 1.0" to 4.0" MIP Hot Tap System
- TM-1 Pro 346 – 3/4" to 4.0" MIP & 6.0" Flanged Hot Tap System
- TM-1 Pro 16 – 1.0" to 4.0" MIP & 6.0" Flanged Hot Tap System

Minor accessories subject to change/substitution without notice