

TIE ROD CRIMPER

MODEL TRC-H (SPEED DOUBLED)



At Iowa Precision®, no detail is too small when it comes to improving your productivity and profitability. Our Tie Rod Crimper is a great example.

Whether you use 1/2", 3/4" or 1" EMT, keeping HVAC ductwork quiet is cost-effective and easy with our Tie Rod Crimper. Using commonly available hardware, this machine crimps hex-bolts or hex-nuts into the tie rod end tight enough to survive a 3,000 lbs. Pull Test. Changeover from inserting hex-bolts to hex-nuts takes just a few seconds. Rubber grommets or rubberized washers prevent air leaks, vibration and noise.

With Iowa Precision®'s Tie Rod Crimper you can install quieter ductwork in less time. Why are you still paying for proprietary alternatives?



TIE-ROD CRIMPER

SPECIFICATIONS

CAPACITY:

- 1/2", 3/4" & Optional 1"

OTHER:

- Uses common hex-bolt and hex-nut hardware

MOTOR/VOLTAGE:

2HP, 208/230/1/60

AIR CAPACITY:

- 85 PSI min. (5 to 6 BAR)

APPROXIMATE DIMENSIONS:

- Length: 21"
- Width: 27"
- Height: 41"
- Weight: 800 lbs. (362 kg)



IPI Tie Rod Crimper
Specifications & Video

COST COMPARISON TIE ROD CRIMPER VS. PROPRIETARY LOCK HARDWARE

Part	Tie Rod Crimper with Standard 3/8" Bulk Hardware	Tie Rod Crimper with Mestek 1/4" Hardware & 9/16" Hex Head	Competitor's 9/16" Proprietary Lock Hardware	Tie Rod Crimper Mestek 1/4" Hardware with 3/4" Hex Head	Competitor's 3/4" Proprietary Lock Hardware
Hex Bolt	\$0.04	\$0.175	\$0.39 <i>sold as a set</i>	\$0.20	\$0.41 <i>sold as a set</i>
Hex Nut Jam	\$0.02	\$0.075		\$0.09	
Rubber Washer	\$0.05	\$0.05	—	\$0.05	—
Total	\$0.11	\$0.30	\$0.39	\$0.34	\$0.41
Cost per Tie Rod (Total Price x 2)	\$0.22	\$0.60	\$0.78	\$0.68	\$0.82
Savings per Tie Rod	\$0.56	\$0.18		\$0.14	
Cost of Tie Rod Crimper	\$20,300	\$20,300	—	\$20,300	—
Tie Rod's Required for Payback	36250	112778	—	145000	—
Number of Duct Sections with 3 Tie Rods	12084	37593	—	48334	—
Savings Per Tie Rod After Machine Payback	\$0.56	\$0.18	—	\$0.14	—
35 second labor savings per tie rod (\$60/hr burdened labor rate)	\$0.583	\$0.583	—	\$0.583	—
35 second additional labor per tie rod (\$60/hr burdened labor rate)	—	—	\$0.583	—	\$0.583
Tie Rods Required for 1 year payback (Including Labor)	17755	26594	—	28065	—
Number of Duct Sections with 3 Tie Rods	5919	8865	—	9355	—
Hardware for 1/2" & 3/4" EMT					