

PIPE AND TUBE NOTCHER OPERATION MANUAL





MARNING

Read and understand all instructions before using this tool. The operator must follow basic precautions to reduce the risk of personal injury and/or damage to the equipment.

HAZARD DEFINITIONS

Please familiarize yourself with the hazard notices found in this manual. A notice is an alert that there is a possibility of property damage, injury or loss of life if certain instructions are not followed.

DANGER! This notice indicates an immediate and specific hazard that will result in severe personal injury or loss of life if the proper precautions are not taken.

WARNING! This notice indicates a specific hazard or unsafe practice that could result in severe personal injury or loss of life if the proper precautions are not taken.

CAUTION! This notice indicates a potentially hazardous situation that may result in minor or moderate injury if proper practices are not taken.

NOTICE! This notice indicates that a specific hazard or unsafe practice will result in equipment or property damage, but not personal injury.



WORK AREA

- Operate in a safe work environment, Keep your work area clean, well-lit and free of distractions. Place lights so you are not working in a shadow.
- 2. Keep anyone not wearing the appropriate safety equipment away from the work area.
- 3. Store unused tools properly in a safe and dry location to prevent rust or damage. Lock tools away and keep out of the reach of children.

Usage

- 1. This precision pipe and tube notcher is a useful fixure for your drill press, allowing you to make round cuts in pipe and tubing of kinds shapes at any angle from 0-60°.
- 2. Main technical specification

Model	PN-1/2S	
Tubing Consoity	2"	
Tubing Capacity	50 mm	
Spindle Size	1/2"	
	12.7 mm	
Spindle Adopter	1/2" & 5/8"	
	12.5 mm & 16 mm	
Packing Size (L x W x H)	13-3/8" x 7-5/64" x 7-5/64"	
	340 mm x 180 mm x 180 mm	
Shipping Weight	12 lbs	
	5.5 kg	



- 3. Installation and caution
- 3.1 Installation
- 3.1.1 Please check whether the part of this machine are fully equipped and not damaged according to the parts list or part figure.
- 3.1.2 This machine base is adaptable to any worktable and is especially suitable to be mounted on drill presses, mill, and hand drill.
- 3.1.3 Please leave plenty room around the machine for your easy operating, in order to avoid injury.
- 3.1.4 Please remove the anti-rust grease on processing surfaces and some parts included kerosene.
- 3.2 Caution
- 3.2.1 Please read the manual before operation and make yourself understand its structure and principle completely.
- 3.2.2 Please don't operate the material size than table list max. range.
- 4. Operation
- 4.1 Screw out the bolt and extract the spindle.
- 4.2 Mount the 1/2" or 5/8" hole saws to the spindle.
- 4.3 Align the holes in the side of the spindle and screw into the bolt.
- 4.4 The base may be swivelled and rotated, which in conjunction with the adjustable pipe holder makes cutting compound angles easily.
- 4.5 make sure that the jig is secure, the work piece is clamped solidly and in the correct place, and that the drill chuck turns freely.



- 4.6 During operation it is necessary to oil the spindle bushings.
- 4.7 Open the jaws to the drill chuck and lower it onto the jig spindle, and Tighten the jaws on the drill chuck. Failure to clamp the flats properly may result in the spindle coming loose in the drill chuck which will damage drill chuck and the flats.

5. Maintenance

Regular lubricate the rotating parts of the machine.

6. Parts list

Part#	description	qty
А	Spindle	1
В	bolt	1
С	washer	1
D	body	1

Part#	description	qty
E	Mounting plate	1
F	bolt	2
G	Angle indicator	1
Н	Clamp assembly and Handle	1

7. Assembly diagram

