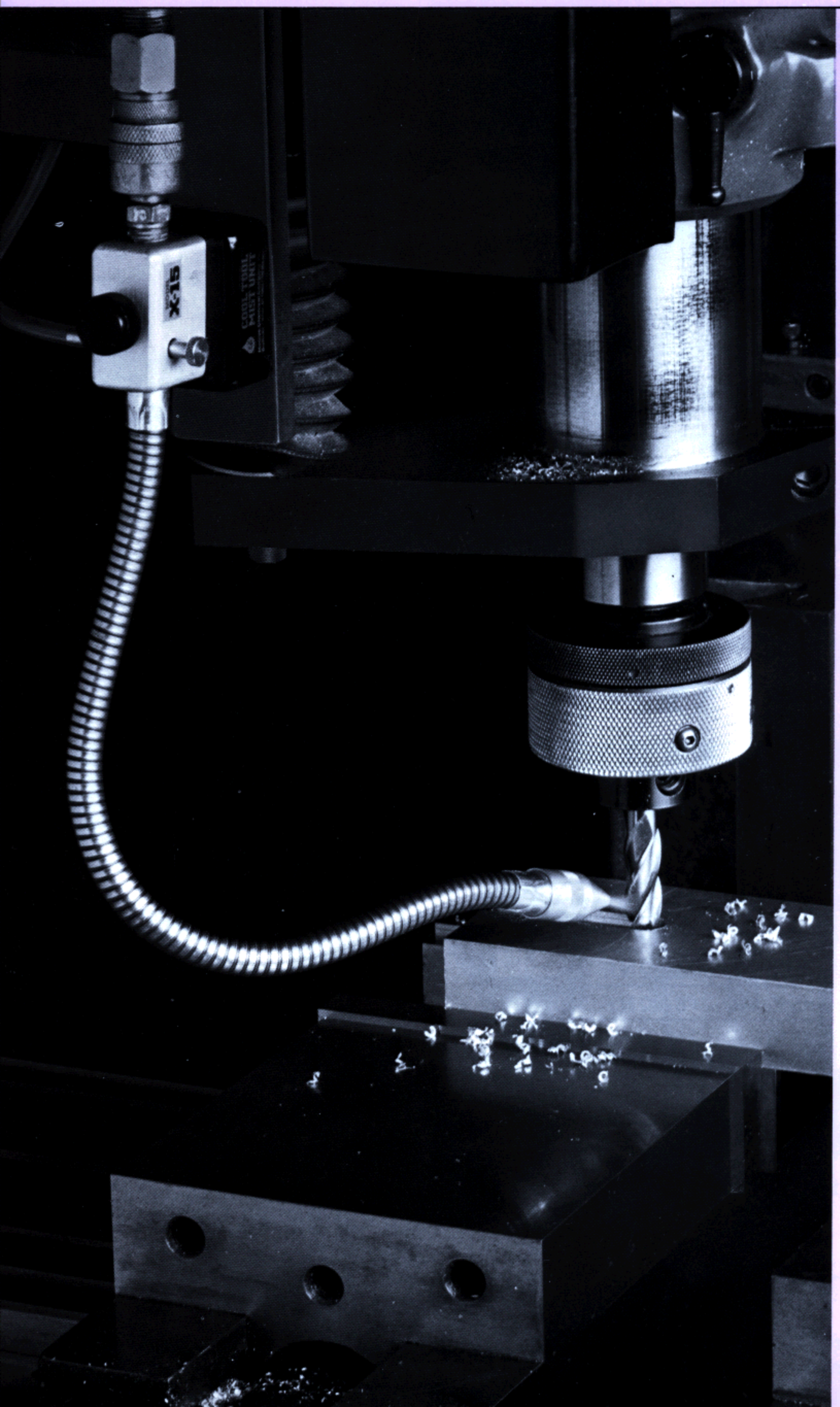
X-15 Misting Unit

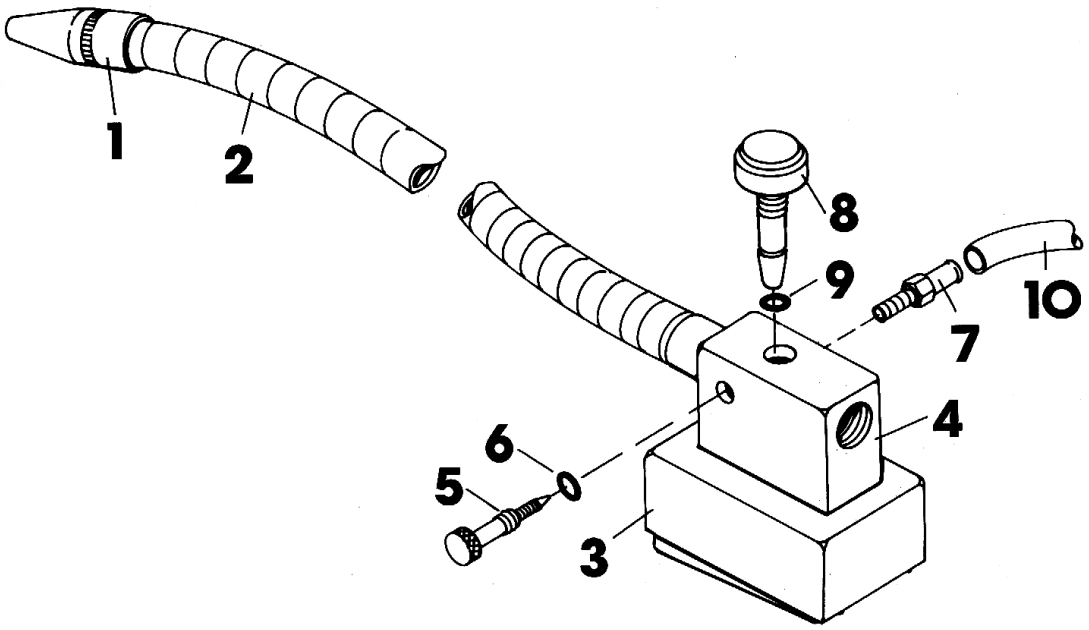


For boring, milling, grinding or drilling operations in production work, tool rooms and machine shops.

- Portable - may be used on many different machines.
- Flexible tube puts mist right where it's needed for hands-free operation.
- Powerful magnetic base attaches easily to any machine tool.
- Clog-Free.
- Replaceable parts available.
- Trouble-Free.

X-15 Misting Unit

Parts List



	NAME	UPC	PART NUMBER	SPECIFICATIONS:
1	Nozzle Tip	84-151	X-1510	
2	14” Tube Assembly (without nozzle tip)	84-152	X-1520	5/8 – 24 special thread
3	Magnetic Base	84-153	X-1530	
4	Base Manifold	84-154	X-1540	¼ -N.P.T.
5	Needle Valve – Brass	84-150	X-1550	#8-32 N.F.
6	“O” Ring for Needle Valve	84-155	X-1555	
7	Hose Connection	84-156	X-1560	#8-32 N.F.
8	Air Adjusting Valve	84-170	X-1570	3/8-24 N.F.
9	“O” Ring for Air Adjusting Valve	84-175	X-1575	
10	1/8” I.D. Plastic Tubing	84-158	X-1580	

VOLUME OUTPUT: Approximately one (1) gallon per hour
MAXIMUM VISCOSITY: 300 SUS at 100°F
WEIGHT: 2 pounds
SUGGESTED AIR PRESSURE: 50-100 psi

CAUTION:
It is ***not*** recommended that solvents, oils or coolants containing oil be applied with a misting device.

FOR INDUSTRIAL USE ONLY

Monroe Fluid Technology

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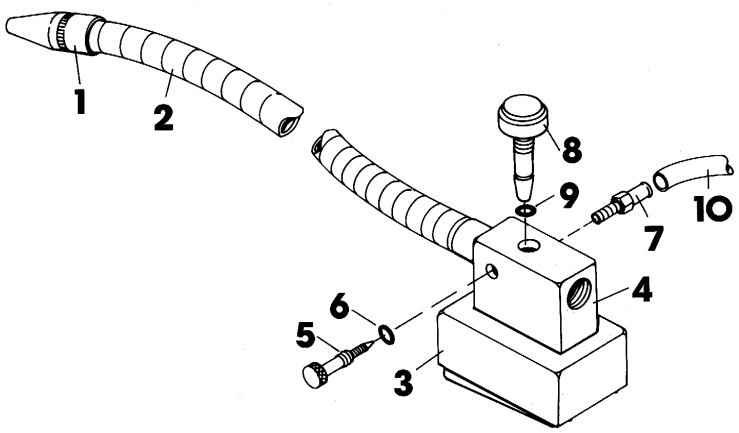

Installation and Adjustment

1. Provide the unit with an air supply of 50 – 100 psi. If the pressure exceeds 100 psi, it may be necessary to install a pressure regulator.

2. It is recommended that you use a separate reservoir for coolant (rather than dropping the coolant supply line into the machine tool sump) to prevent contaminants from plugging the unit. A fresh mix of coolant in a clean gallon jug is usually sufficient.

3. To adjust air volume, turn knurled valve (No. 8) on top of manifold until a sufficient amount of air is passing through the unit to draw the coolant up the supply line (No. 10).

4. To adjust coolant volume, turn needle valve (No. 5) clockwise until closed; then, with air on, turn needle valve counterclockwise until mist contains the desired amount of coolant.

Maintenance and Service

In the event the nozzle tip (No. 1) is damaged by a cutter or grinding wheel, the flow of coolant may be stopped or restricted. The nozzle has to be square across the end and the orifice free of all burrs for proper operation.

Caution

If the unit blows air back into the coolant supply tank or produces an intermittent mist, tighten the nozzle tip and the tube assembly (No. 2) hand-tight plus three-quarters of a turn. Note: Excessive tightening may destroy the sealing ability of the plastic ends of the tube assembly.

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Technical Support: 800-828-6351

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