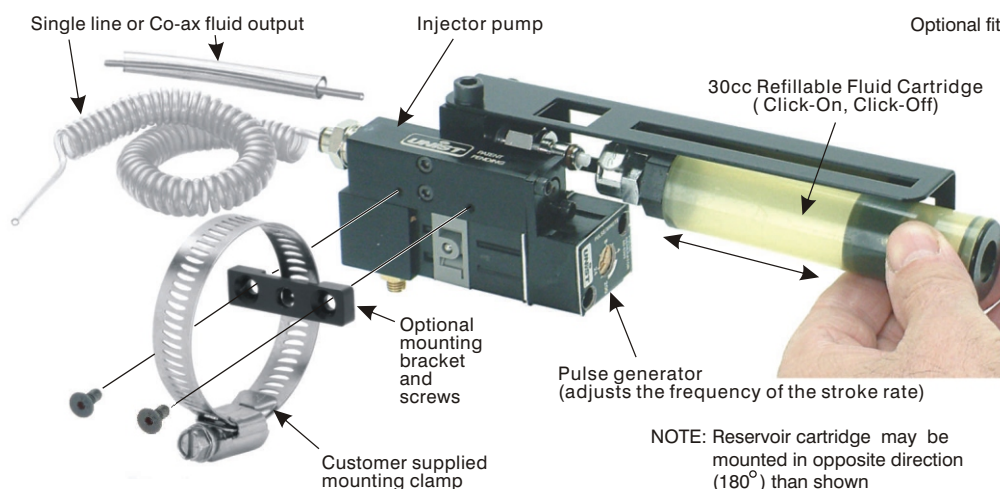




Mini-Piggy Back PORTABLE CUTTER LUBRICATION SYSTEM



UNIST, Inc. is setting a new standard for lubricating cutters on portable tools. This new **Positive Displacement System** is for thru-tool lubrication with pneumatic hand tools used in manufacturing and assembly processes. The Mini-Piggy-back is light weight, less than 13 oz. when reservoir is full, and small 7" long with the reservoir attached. It is 100% pneumatic, so it needs no electrical connections. It is designed to use air supplied "downstream" from the tool trigger. The fluid supply is contained in a removable, refillable, and interchangeable clear reservoir. The reservoir is easily refilled using the cartridge refill kit shown below. The system may also be supplied from a remote gravity feed or pressurized reservoir. The Mini-PiggyBack can dispense a wide range of lubricants with varying viscosities. Atomizing air can be adjusted or turned off.



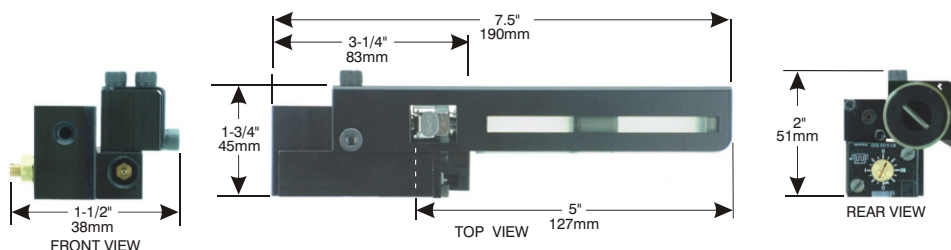
FEATURES

- See-through reservoir
- Quick connect reservoir
- Hose clamp mounting feature
- Variety of output tubes
- Adjustable fluid output
- Adjustable air output
- Rugged design
- Instant "ON" / Instant "OFF"
- Uniform, consistent fluid flow independent of back pressure

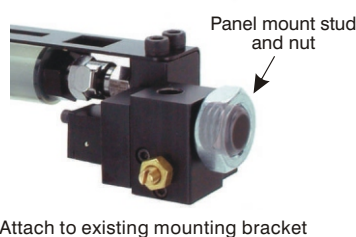
NOTE: Reservoir cartridge may be mounted in opposite direction (180°) than shown

CARTRIDGE REFILL KIT

PN: 77-300



OPTIONS:



Attach to existing mounting bracket

Power Feed Drill Motor Photo
Courtesy of Andrews Tool Company



Mount to any portable or fixed tool
andrewstool.com

Specifications:

Injector output1 drop/pulse
Pulse generator..... 4 to 200 Pulses per min.
Inlet air..... 80-110psi
Reservoir capacity.....30cc
(Approx. one (1) hour continuous usage)

Output tubing and fitting options:

Coiled 1/8" OD x 5ft (Std.)
Coiled 5/32" OD x 5ft
Straight 1/8" OD x 3ft
Straight 5/32" OD x 3ft
Co-axial 3/8" OD x 5ft
Custom lengths available



" IDEAL FOR REPLACEMENT OF VENTURI SYSTEMS "



PORTABLE CUTTER LUBRICATION SYSTEM

ORDERING INFORMATION

FOR DRILLS AND OTHER HEAVY DUTY HAND-HELD PNEUMATIC TOOLS

Order Number 77-

		V			M
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ACTUATION

P= Positive displacement continuous spray



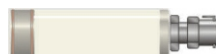
S= Positive displacement single shot spray (no pulse generator)



RESERVOIR OPTIONS

X= None

C= 77-20 Standard 30 cc cartridge



(See additional fluid supply options)

SEAL

V= Viton (aka FPM, FKM) Best for most fluids, *not* 3M MWF 7100 & 2202

OTHER OPTIONS

X= None

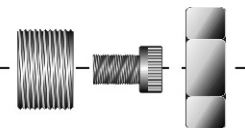
A= Pulse generator tamper resistant cover



BRACKET OPTIONS

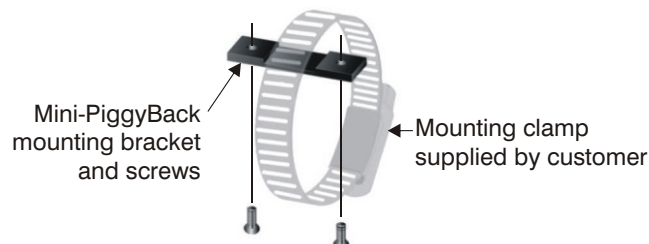
XX= None

01= Panel mounting stud, screw and nut



02= Mini-PiggyBack mounting bracket

03= Custom



OTHER STANDARD COMPONENTS: Reservoir Guard, 5 ft. Coiled 1/8" OD tubing, Air Adjustment Screw

Considerations when ordering

1. One shot or continuous
2. How to feed fluid to Mini-PiggyBack
3. How to mount unit
4. Fluid and seal compatibility
5. Output tubing to tool -1/8", 5/32 OD or co-axial
6. Straight or coiled single line
7. Refill method

Example:

Standard part number: **77-PCVA01M** (P) Positive displacement continuous spray, (C) with reservoir and (V)iton seals, (A) Pulse generator tamper proof cover, (01) Panel mounting stud and nut, (M) Standard air adjustment.

SPARE PARTS

Part Number.

77-40.....	Injector
77-20.....	Fluid cartridge
60-6393.....	Pulse generator
60-6395.....	Shunt block (single shot)
77-03.....	Mounting bracket & screws
77-78.....	Panel mount stud (3/4")
77-65.....	Tamper resistant pulse generator cover
77-135.....	Pump rebuild kit
77-138.....	Fluid cartridge rebuild kit
9303-029.....	Fitting, 1/8 NPT x 1/4 tube
9901-01.....	Fitting, 1/8 NPT x 3/8 tube

WORLDWIDE PATENTS APPLIED FOR

