



High Pressure Pneumatic Grease Gun

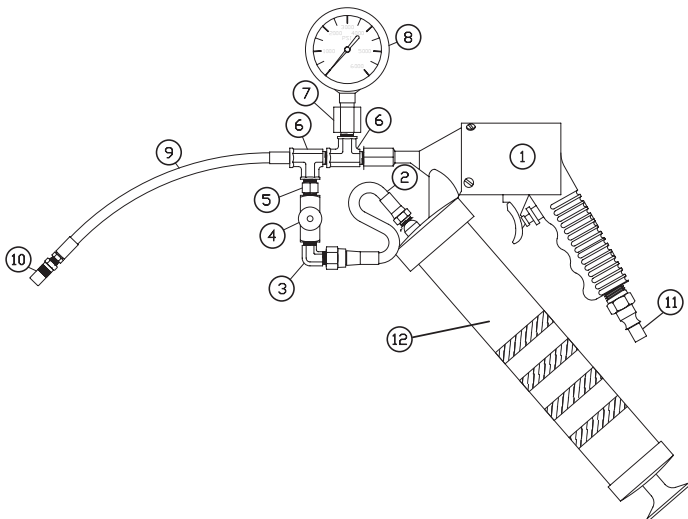
WKW's High Pressure Pneumatic Grease Gun can be used in place of current high pressure guns. Many high pressure grease guns frequently break down and are difficult and time consuming to maintain. Regular maintenance on some grease guns is required due to the many parts that tend to fail internally and must be repaired for the gun to work properly. You may have even noticed that some of the replacement parts are now being made from plastic and tend to fail even faster.

Wisconsin Knife Works has developed a Pneumatic Grease Gun which is built from the highest quality high pressure standard fittings rated up to 10,000 p.s.i. Similar systems are used daily in our own factory and are used for pressurizing hydro tooling during the manufacturing process. The Pneumatic Grease Gun is ideal for tool rooms and the shop floor. It can be set to produce exact repeatable pressures time after time eliminating damage that can occur as a result of over or under pressurization.

High Pressure Pneumatic Grease Gun:

1. Heavy duty high quality construction.
2. Connects to any air hose and operates best at an air pressure of 90 p.s.i.
3. Easily connects and disconnects from standard air lines.
4. High pressure fittings are standard parts in stock.
5. The gun is rated for 10,000 p.s.i., nearly double what is required to pressurize heads.
6. Ideal for tool rooms, at the profile grinder, and on the shop floor.
7. Air pressure setting insures consistent pressurization of heads in the tool room and at the moulder.
8. Heads can be pressurized at the moulder to the identical pressure used when the knives were profile ground. Duplicating the pressure on the head on the moulder with the same pressure used when profile grinding increases head accuracy, knife tracking, improves finishes, and eliminates human error.
9. No over or under pressurization of heads which can cause damage, reduce repeatability and consistency from grinder to moulder.

Note: Wisconsin Knife Works recommends that a lithium NLGI2 grease be used.



1	SE1836	Pneumatic Grease Gun
2	SE1840	Crimp Hose Assembly
3	SE1845	Male Elbow
4	SE1844	Flow Control
5	SE1843	Pipe Nipple
6	SE1841	Male Run Tee
7	SE1842	Pipe Thread Reducer
8	TF1422B	Pressure Gauge
9	SE1846	Hydraulic Hose
10	36338	Grease Coupling
11	SE1858	Quick Disconnect
12	36361	Grease Cartridge

See reverse side for instructions.

Instructions:

1. This is a single action gun. This means that each time the trigger button is depressed, a measured amount of grease is dispensed from the hydraulic coupler. For first time use, the trigger button must be pressed and released repeatedly until grease begins to appear at the edge of the fitting. After the grease fills the hose up to the coupler, depressing the trigger button twice should pressurize a hydro head completely and consistently.
2. The High Pressure Pneumatic Grease Gun will come fully assembled and ready to use. Simply connect the gun to an air supply hose at the connector on the bottom of the handle.
3. A pressure regulator (SE1855) can be installed to an air line to precisely control the pressure produced by the High Pressure Pneumatic Grease Gun.
4. We recommend that the air supply line pressure be set to 90 p.s.i. which will generate approx. 350 bar or 5,000 p.s.i

Air Line	Bar	PSI
83psi	300	4300
85psi	325	4500
90psi	350	5000
100psi	375	5400
105psi	400	5800
110psi	425	6100
115psi	450	6500

Conversions:

Bar to psi

$\text{Bar} \times 14.504 = \text{psi}$

Example: 350 Bar = 5076 psi

Psi to Bar

$\text{Psi} \div 14.504 = \text{Bar}$

Example: 5076 psi = 350 Bar

5. Do not connect an air supply to the gun with a pressure greater than 130 p.s.i. or less than 70 p.s.i.
6. After the head is pressurized, simply turn the knob on the flow control counter clockwise to release the pressure and allow easy disengagement of the coupler and the grease fitting. When this is done, the pressure release allows the grease to flow back into the grease tube eliminating any grease leakage.



WISCONSIN KNIFE WORKS, INC.

2505 Kennedy Drive

Beloit, WI 53511

Phone: (608) 363-5564 • (800)225-5959

Fax: (608) 363-7892 • (800) 336-1254

E-mail: sales@wkwinc.com

Web Page: www.wkwinc.com