

PARATECH®

PNEUMATIC IMPACT TOOLS



RESCUE STARTS HERE

Paratech's Pneumatic Impact Tools are designed for forcible entry during fire fighting and rescue operations. They are used for cutting metal and composites, breaking masonry walls, penetrating concrete floors, forcible entry and digging during tunneling operations.

Paratech's Pneumatic Impact Tools consume air only on the power stroke. This unique, patented design provides a pneumatic impact and penetrating device with an adjustable power output and very low air consumption.

These tools are designed to operate from any compressed air source at a pressure range of 40 to 200 PSI (2.7 to 14 BAR) for the Airgun 40 and for the Pakhammer 90 depending on the material to be cut or penetrated. The combined features of

light weight, very low air consumption and a wide range of power settings make Paratech's Pneumatic Impact Tools extremely effective for rescue and fire fighting operations.

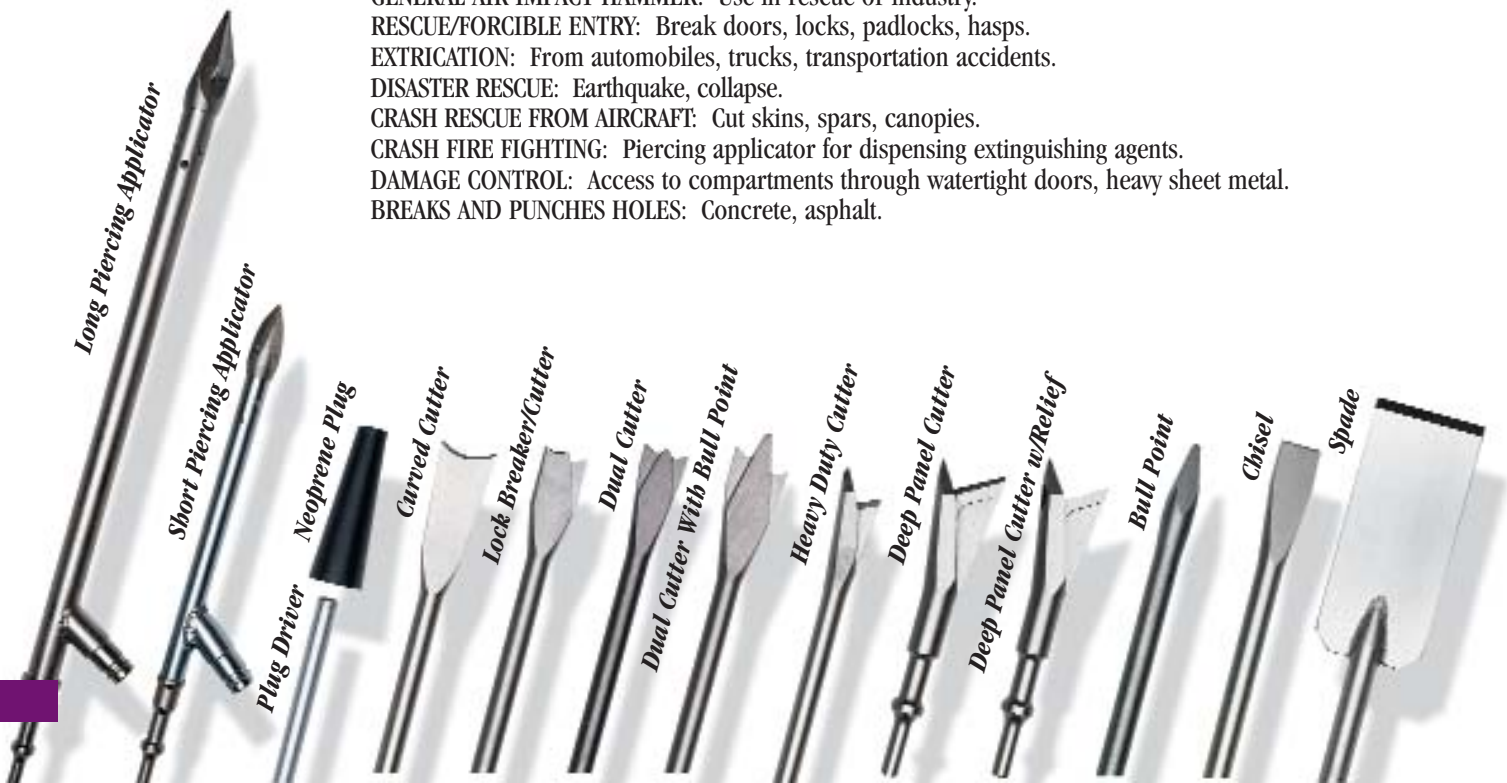
Conventional pneumatic, hydraulic or electric power tools always require a hook-up to a bulky remote power source. Only Paratech Pneumatic Impact Tools are designed for situations where the power source must be as portable as the tool. Designed to operate intermittently for up to 15 minutes on a single SCBA cylinder, there is nothing to stop a Paratech Pneumatic Impact Tool from being where the action is...

Firefighters may find themselves temporarily blocked by a masonry wall or faced with the need to penetrate a concrete floor. Building collapse often requires power assisted digging for access to victims. **Paratech Pneumatic Impact Tools will get the job done!**



APPLICATIONS:

- GENERAL AIR IMPACT HAMMER: Use in rescue or industry.
- RESCUE/FORCIBLE ENTRY: Break doors, locks, padlocks, hasps.
- EXTRICATION: From automobiles, trucks, transportation accidents.
- DISASTER RESCUE: Earthquake, collapse.
- CRASH RESCUE FROM AIRCRAFT: Cut skins, spars, canopies.
- CRASH FIRE FIGHTING: Piercing applicator for dispensing extinguishing agents.
- DAMAGE CONTROL: Access to compartments through watertight doors, heavy sheet metal.
- BREAKS AND PUNCHES HOLES: Concrete, asphalt.



Pneumatic Impact Tools

PAKHAMMER 90...

A 400 blow per minute, 11 pound pneumatic impact tool that dramatically increases the range of forcible entry and rescue work initial responding units can handle without calling up heavy equipment. The Pakhammer is the only pneumatic impact tool of its size that is designed to operate from portable air cylinders. It is an ideal tool for bus and train rescue, high rise work, collapse rescue or any situation that requires a powerful impact tool that operates from a limited air supply.



PAKHAMMER 90 KIT



ORDERING INFORMATION

- 22-550505 KIT, PAKHAMMER 90, includes:
- 22-550500 Pakhammer 90, w/inline oiler
- 22-895400 Pressure regulator 6000-300 PSI
- 22-890520 Hose, 32 ft. (10 m)
- 22-550582 Bit, 14" Chisel, 1" wide (356 x 25.4 mm)
- 22-550584 Bit, 11" Curved metal cutter (280 mm)
- 22-550586 Bit, 14" Bullpoint (356 mm)
- 22-550291 Oil, lubricating, 4 oz. (124 g)
- 22-550257 Tool, retainer service
- 22-550094 Hex key 7/32"
- 22-550099 Hex key 3/16"
- 22-550096 Manual, Operating & Instruction
- 22-700235 Goggles, plastic safety
- 22-550286 Case, Carry & Storage

TECHNICAL DATA

Length (without bit)	27.6 inches (702 mm)
Width	7.5 inches (190 mm)
Thickness	2.3 inches (57 mm)
Weight (without bit)	11.3 lbs. (5.1 kg)
Air Pressure Range	40-200 PSI (2.7-14 BAR)
Air Consumption @ 100 PSI	6.1 CFM (154 L/min)
Blows/Minute (approx.)	400
Power Output @ 200 PSI	97 ft/lb. (13.5 m/kg) (10 BAR)
Power Output @ 50 PSI	27 ft/lb. (3.7 m/kg) (3.5 BAR)
Kit Weight	46 lbs. (20.9 kg)
Kit Dimensions	29 inches long (737 mm) 11 inches wide (280 mm) 12 inches high (305 mm)
Shank Size	0.475 inches (12 mm)

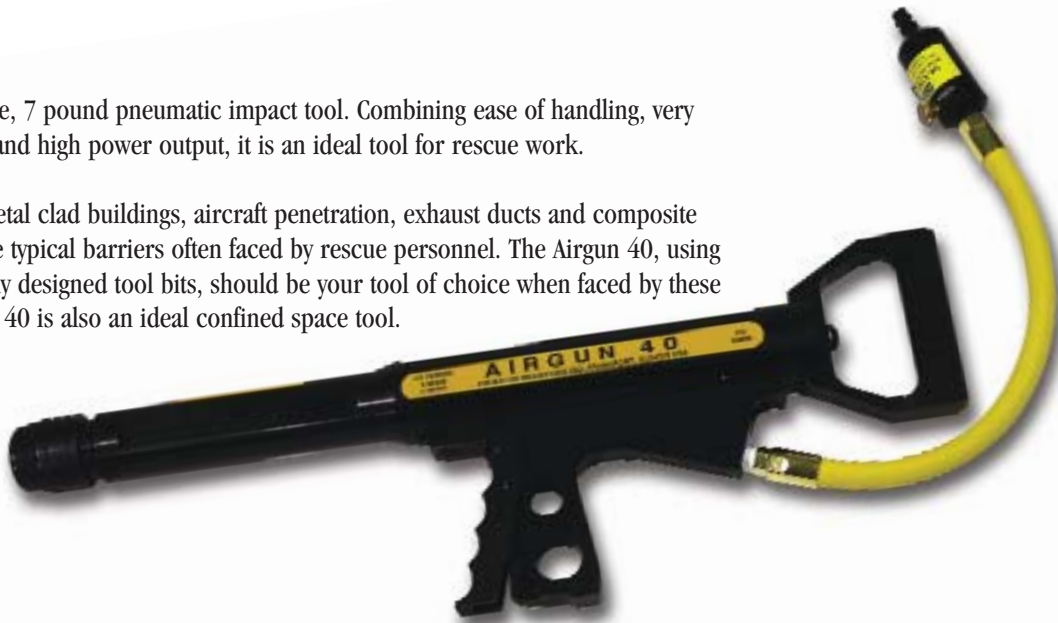
OPTIONAL TOOL BITS

- 22-550241 Piercing applicator 6" (152 mm)
- 22-550246 Neoprene plug
- 22-550251 Piercing applicator 14" (356 mm)
- 22-550583 Bit, 20" Chisel, 1" wide (508 x 25.4 mm)
- 22-550588 Bit, 20" Bullpoint (508 mm)
- 22-550592 Bit, 11" Dual cutter (280 mm)
- 22-550594 Bit, 11" Dual cutter w/bullpoint (280 mm)
- 22-550595 Bit, 20" Spade, 3" Wide (508 x 76 mm)
- 22-550596 Bit, 11" Lock breaker (280 mm)
- 22-550598 Driver, for neoprene plug
- 22-550590 Bit, Deep 1.1" Panel Cutter for metals (30.5 mm)
- 22-550591 Bit, Deep 1.2" Panel Cutter w/Relief (28 mm)

AIRGUN 40...

A 600 blow per minute, 7 pound pneumatic impact tool. Combining ease of handling, very low air consumption and high power output, it is an ideal tool for rescue work.

Vehicle crash sites, metal clad buildings, aircraft penetration, exhaust ducts and composite structural material are typical barriers often faced by rescue personnel. The Airgun 40, using one of several specially designed tool bits, should be your tool of choice when faced by these situations. The Airgun 40 is also an ideal confined space tool.



AIRGUN 40 KIT



ORDERING INFORMATION

- 22-550005 KIT, AIRGUN 40, includes:
- 22-550000 Airgun 40, w/inline oiler
- 22-895400 Pressure regulator 6000-300 PSI
- 22-890520 Hose, 32 ft. (10 m)
- 22-550252 Bit, 10" Curved metal cutter (254 mm)
- 22-550262 Bit, 11" Bullpoint (280 mm)
- 22-550264 Bit, 11" Chisel, 3/4" wide (280 mm)
- 22-550291 Oil, lubricating, 4 oz. (124 g)
- 22-550259 Tool, retainer service
- 22-550094 Hex key 7/32"
- 22-550099 Hex Key 3/16"
- 22-550095 Manual, Operating & Instruction
- 22-700235 Goggles, plastic safety
- 22-550285 Case, Carry & Storage

TECHNICAL DATA

Length (without bit)	21.2 inches (538 mm)
Width	6.125 inches (197 mm)
Thickness	1.875 inches (48 mm)
Weight (AIRGUN without bit)	7.0 lbs. (3.18 kg)
Air Pressure Range	40-200 PSI (2.7-14 BAR)
Air Consumption at 100 PSI	5.2 CFM (137 L/min)
Blows/Minute (approx.)	600
Power Output @ 200 PSI	40 ft/lb (5.5 m/kg)
Power Output @ 50 PSI	6 ft/lb (.83 m/kg)
Kit Weight	31 lbs. (14.06 kg)
Kit Dimensions	24 inches long (610 mm) 11 inches wide (280 mm) 12 inches high (305 mm)
Shank Size	0.401 inches (10 mm)

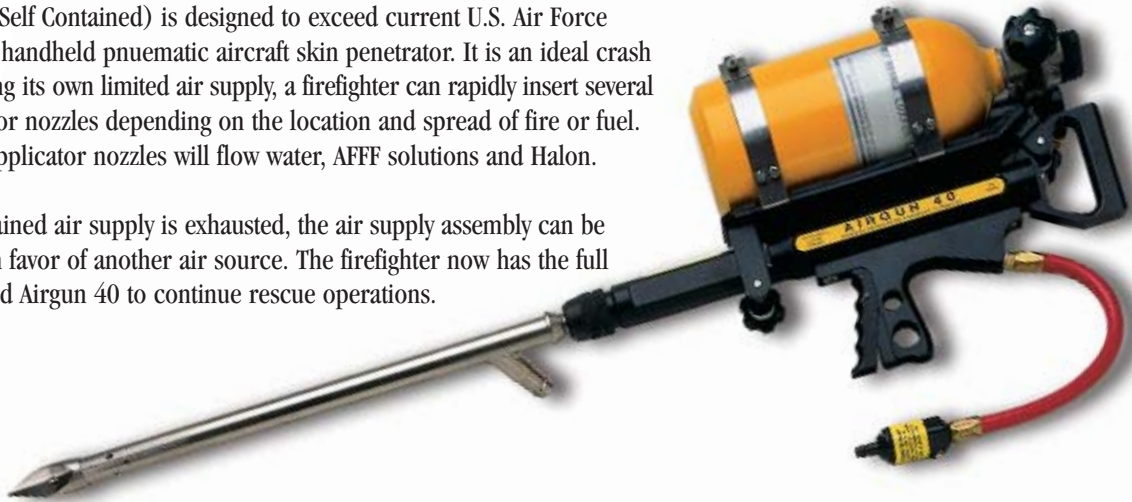
OPTIONAL TOOL BITS

- 22-550240 Piercing applicator 6" (152 mm)
- 22-550244 Driver, for neoprene plug
- 22-550246 Neoprene plug
- 22-550250 Piercing applicator 14" (356 mm)
- 22-550254 Bit, 10" Dual cutter (254 mm)
- 22-550256 Bit, 11" Dual cutter w/bullpoint (280 mm)
- 22-550258 Bit, 10" Lock breaker (254 mm)
- 22-550260 Bit, 10" Heavy Duty Metal Cutter (254 mm)
- 22-550263 Bit, 16" Bullpoint (406 mm)
- 22-550265 Bit, 16" Chisel, 3/4" Wide (406 x 19 mm)
- 22-550274 Bit, 20" Spade, 3" wide (508 x 76 mm)
- 22-550270 Bit, Deep 1.1" Panel Cutter for metals (30.5 mm)
- 22-550272 Bit, Deep 1.2" Panel Cutter w/Relief (28 mm)

AIRGUN 40 SC...

The Airgun 40 SC (Self Contained) is designed to exceed current U.S. Air Force requirements for a handheld pneumatic aircraft skin penetrator. It is an ideal crash rescue tool. Carrying its own limited air supply, a firefighter can rapidly insert several penetrator/applicator nozzles depending on the location and spread of fire or fuel. These penetrator/applicator nozzles will flow water, AFFF solutions and Halon.

When the self contained air supply is exhausted, the air supply assembly can be quickly detached in favor of another air source. The firefighter now has the full benefit of a standard Airgun 40 to continue rescue operations.



AIRGUN 40 SC KIT



22-550006

TECHNICAL DATA

Length (without bit)	23 inches (584 mm)
Width	13 inches (330 mm)
Thickness	9.75 inches (248 mm)
Weight (Airgun SC without bit)	19.6 lbs. (8.9 kg)
Air Pressure Range	40–200 PSI (2.7–14 BAR)
Air Consumption at 100 PSI	5.2 CFM (137 L/min)
Blows/Minute (approx.)	600
Power Output @ 200 PSI	40 ft/lb. (5.5 m/kg)
Power Output @ 50 PSI	6 ft/lb. (.83 m/kg)
Kit Weight	77 lbs. (35 kg)
Kit Dimensions	32.0 inches long (813 mm) 22.0 inches wide (559 mm) 12.0 inches high (305 mm)
Shank Size	.0401 inches (10 mm)

ORDERING INFORMATION

22-550006	KIT, AIRGUN 40 SC, includes:
22-550000	Airgun 40 with Inline Oiler
22-800013	Cylinder 3000 PSI Composite
22-550106	Cylinder Rack Self-Contained Unit
22-895400	Pressure Regulator Piston Type 6000-300 PSI
22-895330	Pressure Regulator Preset 6000-175 PSI
22-890520	Hose, 32 ft. (10 m)
22-550291	Oil, Lubricating, 4 oz. (124 g)
22-550259	Tool, Retainer Service
22-550094	Hex Key 7/32"
22-550099	Hex Key 3/16"
22-550095	Manual, Operating and Instruction
22-700235	Goggles, Plastic Safety
22-550310	Case, Carry and Storage
22-550244	Driver for Neoprene Plug
22-550246	Neoprene Plug 4" lg 3/4" - 1.5" Dia. (102 mm lg 19 x 38 mm Dia.)
22-550252	Bit, 10" Curved Metal Cutter 1" Wide (254 x 25.4 mm)
22-550256	Bit, 11" Dual Cutter with Bullpoint (280 mm)
22-550260	Bit, 10" Heavy Duty Metal Cutter .8" Depth of Cut (254 mm)
22-550262	Bit, 11" Bullpoint (280 mm)
22-550264	Bit, 11" Chisel 3/4" Wide (280 x 19 mm)
22-550270	Bit, Deep 1.1" Panel Cutter for Metals (30.5 mm)
22-550272	Bit, Deep 1.2" Panel Cutter w/Relief (28 mm)
22-550274	Bit, 20" Spade 3" Wide (508 x 76 mm)
22-550240	Bit, 6" Piercing Applicator 3/4" O.D. x 1/2" I.D. (152 x 19 x 13 mm)
22-550250	Bit, 14" Piercing Applicator 1" O.D. x 3/4" I.D. (346 x 25.4 x 19 mm)
22-550320	Coupling 1-1/2" NH (38.1 mm)



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When the call comes, you're ready you're tough, you're committed, and you're passionate. At Paratech we understand. For over 40 years our people have been working to make sure that you have the most reliable, innovatively designed and well manufactured rescue tools and equipment to do your job. From engineering, to manufacturing, to training...failure is not an option.



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