

GENERAL INFORMATION

TOOLS AND POWDER LOADS

INTRODUCTION

Powers powder actuated tools are available for a variety of trade applications.

Powers powder actuated tools line includes

- .22 caliber single shot tools
- .25 caliber semi-automatic tool
- 3 different .27 caliber semi-automatic tools (one featuring power adjustment)
- Dedicated ceiling tool for acoustical ceiling and electrical applications

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SELECTION CHART GUIDE

	Load Power						Powers Tools											Other Tools																					
	Gray—Level 1	Brown—Level 2	Green—PLevel 3	Yellow—Level 4	Red—Power Level 5	Purple/Black Level 6	P1000	T1000	P2201	P335	P7201	P3500/PA3500	P3801	P3600	PA351	Sniper	721	M70	LADD (L1600)	D45	D60/D60L	MD380	SA270	Cobra	Viper	DX E37	DXE72	DX400	DX600N	DX35	DX350/DX351/DX36M	DX450	DX451	DX440	DX441	DX100/DX200	DX460		
.22 Caliber "A" Single Load	●	●	●	●			●	●	●	●							●	●								●	●												
.22 Caliber Single Load Ladd Tool (L1600)						●													●																				
.27 Caliber Single Load Long Loads					●	●					●										●								●										
.25 Caliber 10 Load Strip			●	●	●				●																				●										
.27 Caliber Safety Strip	●	●	●	●							●	●	●	●	●								●	●	●					●			●					●	
.27 Caliber 10 Load Strip					●							●																				●						●	

● Suitable ○ May be Suitable

SAFETY PRECAUTIONS

When Operating a Powers Fasteners Powder Actuated Tool

Failure to follow safety instructions can result in death or serious injury to operator or bystander.

1. User must be familiar with all functional and safety requirements of the tool. Read the specific tool manual prior to use. Obtain proper training and a Powers Fasteners operator card prior to using a tool. A qualified operators card applies only to the specific tools listed.
2. Never modify or fabricate parts for use in your Powers Fasteners tool. Use only Powers Fasteners loads and tool parts.
3. Do not operate the tool unless all its parts are in place and operating appropriately.
4. Tools must be checked prior to operating to make sure they are not fully or partially loaded with a load or fastener.
5. Do not fire a tool without a fastener.
6. To ensure safe operation, perform the daily functional check described in the tool operator's manual.
7. Hands must never be placed in front of muzzle. Accidental discharge can cause piston and/or fastener to pass through operator's hand.
8. Point tool in a safe direction at all times.
9. Fastener must be loaded prior to loading the powder load to prevent injury to operator or bystander in the event of an accidental discharge.
10. Do not close tool against work surface. The tool should be manually closed, with hand away from muzzle to prevent accidental discharge.
11. If you are uncertain about the suitability of a base material, perform a center punch test.
12. Do not fire tool within 3" (three inches) of the edge of a concrete base material or within 1/2" (one-half inch) of the edge of a steel base material.
13. Do not attempt to install a fastener closer than 3" (three inches) to another previously inserted fastener in concrete or 1-1/2" (one and one-half inch) in steel. Refer to the owner's manual for assistance.
14. Do not fasten into a concrete base material less than 3 times as thick as the fastener penetration or into a steel base material thinner than 1/8".
15. Do not fasten into cast iron, tile, glass wallboard or other types of hard, brittle, or soft materials.
16. Do not fasten through a predrilled hole.
17. In concrete, place fastener at least 3" (three inches) away from a spalled area to prevent the possibility of the fastener bending and striking an operator or bystander.
18. Always perform a test fastening with the lightest load level designed for use in the tool. If the lightest load fails to set the fastener, try the next highest load until the proper level is attained. Thus, eliminating the possibility of an overdriven fastener fully penetrating the base material and injuring someone.
19. Hold the tool perpendicular to the work surface at all times. This will reduce the possibility of a fastener bouncing off the surface and striking the operator or bystander.
20. Approved safety goggles should always be worn by operator or bystander to protect their eyes from flying particles.
21. Hearing protection should always be worn by the operator and bystanders when using a powder actuated.
22. If a load fails to discharge, the tool must be kept depressed for a minimum of 30 (thirty) seconds in case of a delayed load discharge. Then carefully remove the load and dispose of it in a can of water. Never attempt to force or pry a load out of a tool chamber.
23. Do not attempt to unload or disassemble a jammed, stuck or broken tool as improper handling may cause it to discharge and strike operator and/or bystander. A jammed tool must be pointed in a safe direction at all times. Tag the tool and lock it up. Call your Powers Fasteners representative for proper assistance.
24. If you decide not to make a fastening after the tool has been loaded, you must always remove the load first followed by the fastener.
25. Only use fasteners and powder loads that are designed for use in the tool being operated.
26. Do not use powder actuated tools in a flammable or an explosive atmosphere

Read the specific tool manual for additional safety guidelines.

POWDER ACTUATED

TOOLS AND POWDER LOADS

POWDER LOADS

POWDER LOADS

TOOL DESCRIPTION

Powers offers high quality powder loads, produced by the largest manufacturer in the United States, with unsurpassed quality and reliability. Specific load types are designed for each unique powder actuated tool. They are offered as single cartridge units for single shot tools and also collated in groups of 10 into plastic strips for semi-automatic tools.

SELECTION GUIDE

.22 Caliber "A" Single Loads

Cat.No.	Description	Standard Box	Std. Carton	Master Carton
50500-PWR	Gray, .22A	100	5,000	20,000
50502-PWR	Brown, .22A	100	5,000	20,000
50504-PWR	Green, .22A	100	5,000	20,000
50506-PWR	Yellow, .22A	100	5,000	20,000

**SUGGESTED TOOLS**

Powers: P1000, P2201, P7201
 Ramset®: 721, M70, R522
 Hilti®: DXE37, DXE72

.22 Caliber for LADD

Cat.No.	Description	Standard Box	Std. Carton	Master Carton
50520-PWR*	Purple	100	5,000	20,000

* Discontinued item once stock is exhausted

**SUGGESTED TOOLS**

Ramset®: L1600

.27 Caliber Long Loads

Cat.No.	Description	Standard Box	Std. Carton	Master Carton
50612-PWR	Red, .27 Long	100	2,500	10,000
50614-PWR	Purple, .27 Long	100	2,500	10,000

**SUGGESTED TOOLS**

Powers: P3801
 Ramset®: MD380
 Hilti®: DX600N

.25 Caliber 10 Load Strips

Cat.No.	Description	Standard Box	Std. Carton	Master Carton
50570-PWR	Green, .25 Strip	100	1,000	10,000
50574-PWR	Yellow, .25 Strip	100	1,000	10,000
50578-PWR	Red, .25 Strip	100	1,000	10,000

**SUGGESTED TOOLS**

Powers: P35s
 Hilti®: DX35

.27 Caliber 10 Load Strips

Cat.No.	Description	Standard Box	Std. Carton	Master Carton
50606-PWR	Purple, .27 Strip	100	1,000	20,000

**SUGGESTED TOOLS**

Powers: P3600
 Hilti®: DX460

SAFETY STRIP®

SELECTION GUIDE

.27 Caliber 10 Load Safety Strip

Cat.No.	Description	Standard Box	Std. Carton	Master Carton
50620-PWR	Brown, .27 safety strip	100	1,000	10,000
50622-PWR	Green, .27 safety strip	100	1,000	10,000
50626-PWR	Yellow, .27 safety strip	100	1,000	10,000
50630-PWR	Red, .27 safety strip	100	1,000	10,000

**SUGGESTED TOOLS**

Powers: P3500, PA3500, PA351, P3600, Sniper
 Ramset®: SA270, Viper, Cobra
 Hilti®: DX350, DX351, DX36M and DX451, DX460, DX2