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ANCHOR SYSTEMS

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GCN150
Gas-Actuated
Concrete Nailer



GDP Pins Now
Code Listed Under
ICC-ES ESR-2811

INTRODUCING THE GCN150 GAS-ACTUATED CONCRETE NAILER

Gas-actuated fastening is a proven technology that is used on jobsites all over the world. Due to its reliability, productivity and ease-of-use it has become a favorite among contractors for high-volume, light-duty fastening. The GCN150 Gas-Actuated Concrete Nailer is the ideal tool for attaching light-duty fixtures to concrete, steel, CMU and metal deck. Since the tool does not require electrical cords or pneumatic hoses the GCN150 is extremely portable, increasing productivity.

Economical

- Gas-actuated fastening is much faster than other technologies
- No need for compressors or hoses
- No external power sources required

Advantages for the Operator

- Minimal training required for tool operation – no certification or operator’s license is required
- Dual firing sequence helps ensure operator safety
- Easy-to-use:
 - Insert fuel cell, insert battery, load pins and tool is ready to use
- Reduces operator fatigue:
 - The GCN150 is light and well balanced
 - Nominal recoil
 - Low noise

Minimum Cleaning Required

The GCN150 has a very efficient ignition system that provides complete fuel combustion. This results in a cleaner operating tool which, in turn, results in more tool energy and higher productivity. To maintain maximum level of productivity, periodic cleaning is recommended.

- Only requires cleaning every 20,000 shots
- Easy access to the air filter and piston chamber: A clean air filter and piston result in efficient tool operation and maximum shots per minute



Productive – Reliable – Economical – Safe – Easy-to-use



GFC Fuel Cell



GDP pins

**GDP PINS ARE CODE LISTED:
ICC-ES ESR-2811**

GDP gas actuated pins are code listed for fastening building components to concrete, lightweight concrete, lightweight concrete on metal deck, concrete block and steel.

The GCN150 Gas-Actuated Concrete Nailer is ideal for fastening: ▶▶

- Drywall track to concrete, steel, CMU, or lightweight concrete on metal deck
- Hat channel to concrete or CMU
- Furring strips to concrete, steel or CMU
- Plywood underlayment over concrete, CMU
- Curtain wall to steel or concrete



FEATURES & SPECIFICATIONS

Features:

- Comfortable 'sure-grip' rubber handle
- Fully automatic piston reset
- Easy-load fuel compartment
- Simple 2-step pin loading
- Utility hook
- Battery charge indicator light
- Easy-access pin jam release
- 'Lock-Off' function:
No possibility of discharging without pins (*when tool is down to last 2 pins in the magazine a 'lock off' occurs*)
- High-voltage spark for cleaner fuel combustion



Easy-access
to clear jammed pins

Tool Specifications:

- Fasteners:
Length – ½" (12.7mm) to 1½" (38mm),
Diameter – .102" (2.6mm) to .109" (2.8mm)
- Magazine capacity: 40 + 2 pins*
- Average number of fastens per fuel cell: 1,200
- Average number of fastens per battery charge: 3,300
- 6V NiMH batteries
- Average battery charge time: 2 hours
- Can operate at temperatures down to 20°F (-6°C)
- Tool dimensions:
Length – 17.3" (439mm)
Width – 4.2" (107mm)
Height – 15.3" (389mm)
- Tool weight: 8.3 lbs (3.7kg)

*To ensure the tool does not discharge without pins in the magazine, all but the last two pins will be fastened before reloading is necessary.

The GCN150 Gas-Actuated Concrete Nailer Kit includes:

- GCN150 nailer
- 2 batteries
- Battery charger
- Allen wrenches
- Safety glasses
- Operator's manual/
tool schematic
- Rugged tool box



GCN150KT





ACCESSORIES



GFC



GFC 2-pack clamshell

Fuel Cell

The GFC34 fuel cell is designed to work with the GCN150 Gas-Actuated Concrete Nailer and also works with most major brand gas concrete-nailer tools. The fuel cell provides 1,200 shots and can operate at temperatures as low as 20°F (-6°C). The fuel cells are offered in a 2-per-pack clamshell. Additionally, 1 fuel cell is included with each pack of 1,000 pins.

Gas Fuel Cells for the GCN150

Model No.	Description	Pack Qty.	Packs/ Carton	Compatible with these Tools
GFC34-RC2	(2) 34 gram fuel cells	2	6	Simpson Strong-Tie® GCN150 Others: TrakFast® TF1100, Trak-It® C3



GDP

Pins

Code Listed: ICC ES ESR-2811

The GDP concrete pins are designed to work with the GCN150 Gas-Actuated Concrete Nailer as well as with most major brand gas concrete nailer tools. The patent-pending plastic collation of the 10-pin strip is a break-away design that minimizes the possibility of a jam. The GDP pins are designed for use in A36 and A572 steel, concrete and CMU block.

ICC-ES ESR-2811 covers the fastening of building components, such as cold-formed-steel framing members, to normal-weight concrete, structural sand-lightweight concrete, structural sand-lightweight concrete on metal deck, concrete masonry units (CMU) and steel base materials. GDP gas-actuated pins were tested in accordance with ICC-ES Acceptance Criteria AC70 for recognition under the 2006 IBC, the 2006 IRC and the 1997 UBC.

.106 Diameter Shank Drive Pins

Model No.	Length	Qty Pins/Pack + 1 Fuel Cell	Packs/Carton	Compatible with these Tools
GDP-50KT	1/2"	1,000	5	Simpson Strong-Tie® GCN150 Others: TrakFast® TF1100, Trak-It® C3
GDP-62KT	5/8"	1,000	5	
GDP-75KT	3/4"	1,000	5	
GDP-100KT	1"	1,000	5	
GDP-125KT	1 1/4"	1,000	5	
GDP-150KT	1 1/2"	1,000	5	



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This flier is effective until January 31, 2012, and reflects information available as of September 1, 2009. This information is updated periodically and should not be relied upon after January 31, 2012; contact Simpson Strong-Tie for current information and limited warranty or see www.simpsonanchors.com.