

ITW saw a challenge: how to create a portable tool that delivered the power of pneumatic tools without the hoses and compressors. In 1991, ITW Paslode conquered the challenge with the revolution of gas-powered technology. The cordless Impulse Finish Nailer delivered the power of pneumatic tools without cluttering job sites.

With the thought of Driving Jobsite Speed while creating a safer work environment, ITW Ramset built upon the Paslode technology and in 1994 introduced the TrakFast to the drywall trade. It forever changed the way the world worked. In 2003, ITW Ramset followed up on the success of the TrakFast with the T3SS which is setting the standard for electrical and mechanical contractors.



**Drywall**



**Electrical**

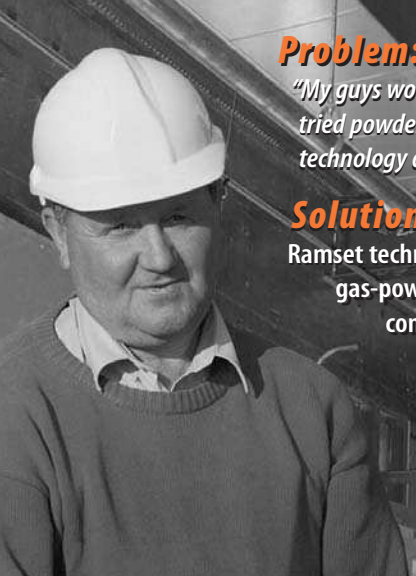


**Mechanical**

- No Licensing Required
- Fast and Easy to Use
- Quiet—No Recoil
- No Cords or Hoses
- Long Fuel Cell & Battery Life

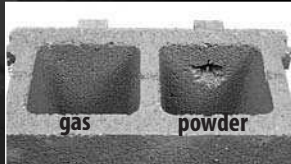
Gas significantly lowers cost-in-place, reduces stress on the employee, and it's much quieter to use than drilling or powder actuated tools (PATs), so you can work in occupied buildings. There are times when you need the power and accuracy of our PATs—like the speed of our D45A disc tool, or the work horse, nearly maintenance-free 721 single shot PAT. But constant use of these tools can be noisy and overly jarring on the body.

## When the conditions are right, gas is the right choice.



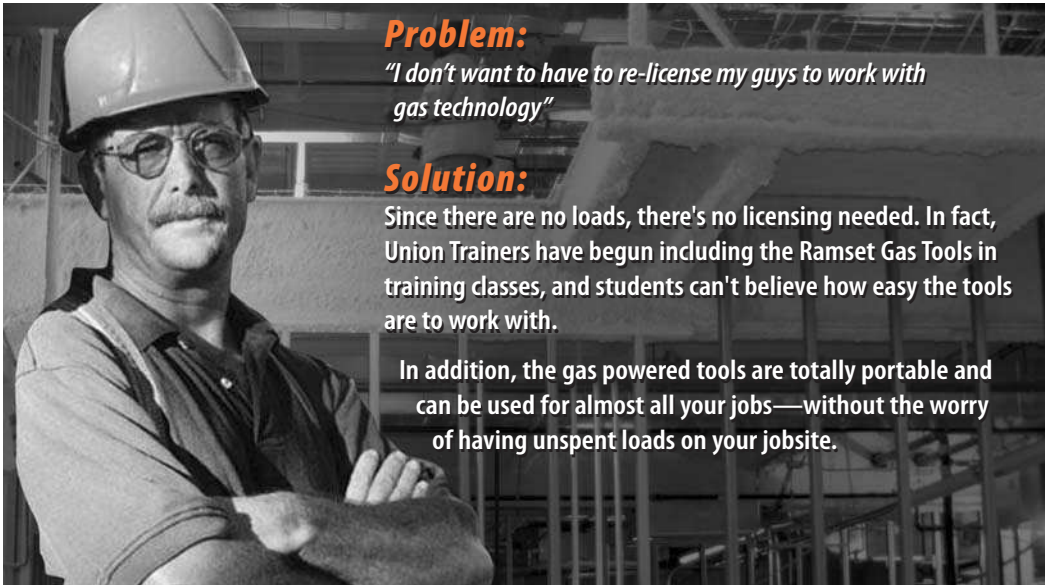
**Problem:**  
*"My guys work on block all day long—from electrical boxes to furring. I've tried powder tools and they blow holes in block. What makes the Ramset technology different?"*

**Solution:**  
Ramset technology has patented overdrive technology built in to every gas-powered tool. The tool works under the same principal as a combustion engine. A little gas, a little spark and a powerful shot, without the recoil associated with powder.



gas powder

*The industry transitions to gas technology*



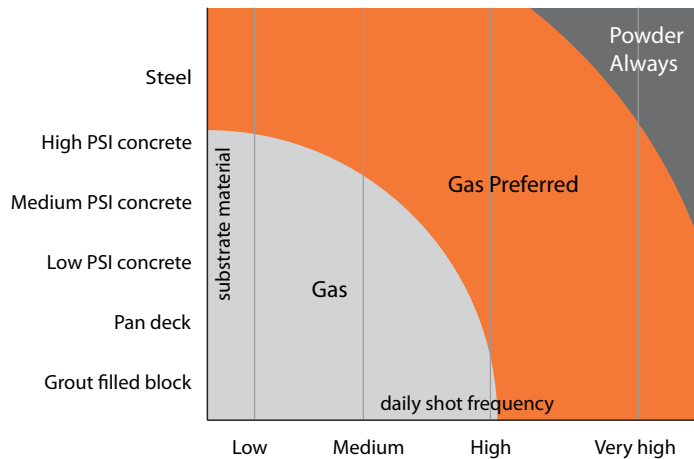
**Problem:**

*"I don't want to have to re-license my guys to work with gas technology"*

**Solution:**

Since there are no loads, there's no licensing needed. In fact, Union Trainers have begun including the Ramset Gas Tools in training classes, and students can't believe how easy the tools are to work with.

In addition, the gas powered tools are totally portable and can be used for almost all your jobs—without the worry of having unspent loads on your jobsite.

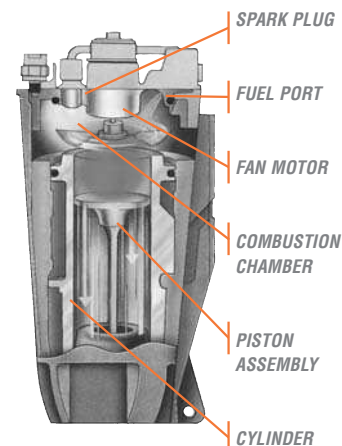


**The Inside Story**

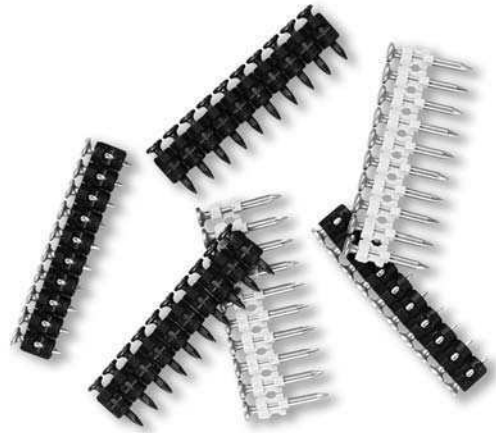
The patented Ramset technology delivers precisely balanced power eliminating the damage caused by overdrive in PATs.

How it works: As the nosepiece is depressed, a rechargeable battery turns on the fan motor. In less than a second: a precise amount of fuel is injected into the combustion chamber. When the trigger is pulled, a spark creates an explosion that drives the piston into the fastener, and the fastener in the work surface. The action creates a vacuum that pulls the piston back to the start position.

In fact the technology is so precise it won't blow through a pop can.



**TrakFast**  
Gas Technology  
Fully Automatic  
1-1/2" Pin Capacity  
42 Pin Magazine Capacity



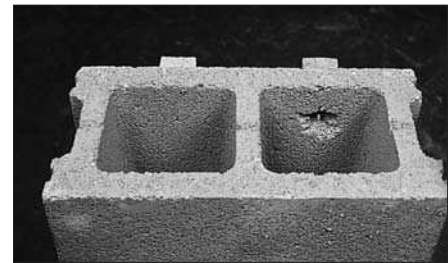
See pages 26-27 for fasteners.

## ADVANTAGES

- | **SPEED** Three to five times faster than powder tools. 42-pin magazine reduces loading time.
- | **EASY TO USE** Tool automatically resets piston. No recoil, tool absorbs shock resulting in less operator fatigue.
- | **NO LICENSING REQUIRED** Unlike powder-actuated tools, no licensing is needed.
- | **NO CHANGING LOADS** TrakFast uses a fuel cell, not a load. No need to inventory different colored loads.
- | **NARROW NOSE AND PROFILE** Allows tool to reach inside deep leg track (1-5/8" wide x 2" high).
- | 2 Year Warranty (6 months on wearable parts).

## SPECIFICATIONS

- | Part No. TF1100
- | Length: 17"
- | Height: 15-1/2"
- | Weight: 8.375 lbs.
- | Maximum Capacity: 42 pins
- | Maximum cycles/second: 2
- | Fuel cell: 1000 shots
- | Battery (charged): 3000 shots



*TrakFast ICC (ICBO) ER-5001 is the only approval that allows you to fasten into any location on a hollow block wall and won't blow away block like a powder tool.*

**Still the most revolutionary fastening system in the construction industry!**

Since its introduction in 1991, TrakFast has been the tool of choice for both interior and exterior contractors. The TrakFast Automatic Fastening System fastens all types of track, from standard track to hat channel, deep leg, Z, and J channel. Contractors continue to report tremendous savings when using TrakFast for high production fastening. They have learned that TrakFast's actual cost in place beats all other systems. The increased speed and productivity of TrakFast allows the contractor to bid more competitively, complete the job sooner and move on to the next job. Anyone can use TrakFast—just load the pins and fire. It's that easy!

**TrakFast's power comes from the battery and fuel cell**

The 6-volt rechargeable Ni-CD battery can drive approximately 3000 shots per charge. The clean burning fuel cell can drive over 1000 pins and keeps the tool cleaner than powder actuated tools.



**Fastening System Productivity**

In the time it takes you to drive two pins with a powder tool, you can drive up to 10 pins with TrakFast!

**MOST COMMON FASTENERS**

PIN #	PIN LENGTH		MOST COMMON APPLICATION
	IN.	MM	
FPP012	1/2	12.7	Track to steel
FPP034B	3/4	19.1	Track to concrete



FOR SPECIFIC PIN AND LOAD INFORMATION SEE PAGES 26-27



Track to steel



Lath attachment—using one-inch TrakFast discs and magnetic probe adapter (page 25)



Furring attachment—perfect fastening every time in soft and hard base materials



Plywood attachment—using TrakFast plywood to steel pin



Track to concrete



**T3SS**  
**Gas Technology**  
**Single Pin Gas Tool**  
**Fuel Injection**  
**Cross Over Technology**



*For information on our full line of accessories for your R150 or T3SS, see pages 28-29.*

### ADVANTAGES

- | Sets the standard for single-shot applications
- | 5 times faster than traditional drill and anchor methods
- | Replaces the need for tools like the DX35
- | Reduced operator fatigue
- | Reduced installation costs—up to 75%
- | Quiet enough to work in tenant occupied buildings
- | Removable rear foot
- | 2 Year Warranty (6 months on wearable parts).

### SPECIFICATIONS

- | Length: 13-1/2"
- | Height: 15"
- | Weight: 7.0 lbs.
- | Pin Guide O.D.: 1/2" Standard, 7/8" Magnetic
- | Maximum Pin Length: 1-1/2"

**VERSATILE, fastens to solid concrete, hollow block, pan deck and steel.**



*Easy battery loading. Battery rest position allows you to turn off the tool without fully removing the battery.*

### Crossing over from powder to gas

Ramset is serious when it comes to driving job speed by creating the T3SS—the single shot tool that will help move/contractors from powder to gas.

The T3SS provides the benefits of shooting a gas tool, including reduced installation time and operator fatigue for the contractor who normally shoots a muzzle loaded powder tool.

To make the T3SS the most versatile gas tool in the industry, Ramset uses the newly developed Cross Over technology that allows users to change out nosepieces to accommodate any fastening need. From metal-to-concrete, hard concrete or steel, pan deck, block and just about surface you can think of the T3SS works for you.



No more fines for unspent loads on the jobsite.

### FASTENER AND MAGNETIC NOSEPIECE



The optional interchangeable nosepiece (Part Number M150200) is able to shoot a variety of M series fasteners.

### POLE TOOL



P/N EPOL6  
See page 22 for details



12HSMP034 clip assembly used to secure conduit

### FUEL CELL AND BATTERY



One fuel cell replaces conventional powder loads and drives more than 1000 pins



The 6-volt Ni-Cd battery can drive more than 3000 shots per charge

Fuel injection means no additional steps of preparing a fuel cell. Click the fuel cell in place and the tool is ready to go.



M034 fastener used to hang HVAC Duct Strap

### MOST COMMON FASTENERS

PIN#	DESCRIPTION
12HSMP034	1/2" One hole strap with 3/4" pin
MP034TH	3/4" Plated pin with top hat
M100BB	1" Pin with gold domed washer



MP034TH fastener used to attach a junction box

FOR SPECIFIC PIN AND LOAD INFORMATION SEE PAGES 28-30