

# GAS FIXING

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### Gas actuated fastening

TrakMaster™ Gas actuated fastening uses PULSA technology featuring an advanced internal combustion linear engine combined with the very latest in micro processor controlled electronics to provide a new level of power, reliability and portability.

#### Features and Benefits

- Low cost – the lower cost of consumables and higher speed of fixing equals lower overall cost
- Fully automatic operation
- Designed for operator comfort – low recoil and low noise
- No operators licence required
- For use in steel & concrete
- Increased reliability

#### Specifications

Weight	3.6kg
Dimensions	383 x 295 x 100mm
Magazine capacity	20 or 40 pin magazine option
Impact force	100J
Actuation pressure	5kg
Overdrive	4mm
Intermittent operation	2 pins per second
Fuel cell life	650 pins (approx)
Battery charge capacity	1,500 pins (approx)
Voltage	6V
Amperage	600mA



### 1 Step™ fixing system

Uses PULSA technology and is part of Ramset's 1 Step™ fixing system solution for fast cable and pipe installation. The CableMaster™ is ideal for installing electrical, data, communication cable and plumbing systems to concrete, hollow blocks, steel and timber. The CableMaster replaces traditional drilling and fixing methods of fixing.

#### Features and Benefits

- Low cost – the lower cost of consumables (vs PA) plus the higher speed of fixing (2 per second) means the system produces significantly reduced in place cost
- Fully automatic operation
- Designed for operator comfort – low recoil and low noise
- Simple design for low maintenance
- No operators licence required
- Can be used in conjunction with a full range of accessories
- Increased reliability

#### Specifications

Weight	3.6kg
Dimensions	383 x 295 x 100mm
Magazine capacity	20 or 40 pin magazine option
Impact force	82J
Actuation pressure	5kg
Overdrive	4mm
Intermittent operation	2 pins per second
Fuel cell life	850 pins (approx)
Battery charge capacity	1,500 pins (approx)
Voltage	6V
Amperage	600mA
Charge time	1 hour

## TrakMaster™ / CableMaster™ Pins

Accessory		Description	Item / Code	Details	Box Qty
Drive Pin**		Suitable for: Wood	S053229	25mm	500
Drive Pin**		Suitable for: Concrete, Hollow Blocks and Brick	011401	20mm	500
			011402	25mm	500
			011403	30mm	500
			011404	35mm	500
			011405	40mm	500
Drive Pin**		Suitable for: Steel, Hard Concrete, Hollow Slab, Concrete, Hollow Blocks and Brick	S 011406	15mm	500
			S 011407	17mm	500
			S 011408	22mm	500
			S 011409	27mm	500
Concrete / Steel Breakaway Collation**		Suitable for: Concrete / Steel Breakaway Collation	011225	20mm	500
			011860	30mm	500
Soft Washered Pins**		Suitable for: Electrical cable installation	S046610	20mm	500
			S046620	25mm	500
			S011211	30mm	500
			S011212	35mm	500
Steel Washer		Suitable for: Use with washer retaining assembly	498150		1000

\*\* Fuel Cells Included

## TrakMaster™ / CableMaster™ Accessories

Washer Retaining Assembly	333700
TrakMaster / CableMaster Battery	334000

**CableMaster Consumables**

Accessory		Description	Item / Code	Details	Box Qty
<b>E Clip</b>		Grey Conduit Clip	S0565032	20mm Diameter	100
			S0565033	25mm Diameter	100
			S0565034	32mm Diameter	50
<b>P Clip</b>		Grey Single P Clip	S0565080	16mm Diameter	150
			S0565082	20mm Diameter	100
			S0565084	25mm Diameter	75
<b>Direct Alignment Saddle</b>		Metal Saddle	CSH20	20mm	100
			CSH25	25mm	100
<b>Clip Elec</b>		All-purpose Cable Tie	S011203	9mm Cable Tie	100
			CPGCLHC617***	Contractor Pack	500
<b>CT Clip</b>		Assembled Cable Tie Clip	S0565508	16-32mm Diameter	100
<b>Cable Bow</b>		Double Cable Bow	S010061	16 Cables	25
<b>TRH</b>		Threaded Rod Hanger	TRH0810	M8-M10	100
<b>Cat Wire Bracket</b>		Catenary Wire Bracket Assembly	CWBKT	7mm Hole	100
<b>Cable Tie</b>		To suit Clip Elec & Cat Wire Bracket	ELEM5315/C	Black, 200 x 4.8mm	100
<b>Washer</b>		Strap and Plate Mounting Washer	SPMW	Strap and Plate Mount Washer Assembly	500
<b>Metal Strap</b>		Plumbers Strap	PS30	0.5mm x 25	30m

\*\*\* Includes Fuel Cell, 500 HC617 pins and 500 cableties