



Ramset™



Frame Boss™ XP

Product Guide



NEW



Description

The Ramset™ FrameBoss™XP is a fully automatic powder actuated tool, which is capable of fixing 10 pins without the need to reload or cycle the tool. The automatic piston return system and 10 pin magazine allow for faster fixing rates with less effort. The magazine can be adjusted to lock into a number of positions to allow the tool to be used in confined spaces. The FrameBoss™XP tool is also supplied with a single shot fastener guide to allow the tool to be used with longer fasteners and assemblies such as brackets and clips. With a huge 400 Joules of impact energy coupled with power adjustment, the tool can be used in a wide variety of applications.

Specification

Model	FRAMEBOSSXP
Weight	3.7 kg
Impact Force	400J
Fixing Capacity:	
Timber to Concrete	75mm
Timber to Steel	50mm
Metal to Concrete	3mm
Metal to Steel	3mm
Pin Capacity (Single shot)	up to 100mm
Pin Capacity (Magazine)	up to 75mm
Overall Length	525mm
Substrates	Concrete, Steel, Masonary



Features & Benefits

- Automatic piston return with no manual cycling
- 400J maximum impact energy
- 10 Pin magazine and single shot fastener guide
- 75mm magazine capacity, 100mm single shot capacity
- Power adjustment
- Trigger lock
- Hand guard
- Easy to maintain on site
- Cushioned rubber grip

Related Products

Power Loads
Drive Pins

Tool Accessories
Drive Pin Accessories

Trades & Applications

	Residential Home Builder	Formwork Contractor	Ceiling & Partitioning Contractor	Bricklayer
Timber to concrete	✓	✓		
Timber to steel	✓	✓		
Sacrificial steel formwork to steel		✓		
Steel track to concrete & steel	✓		✓	
Brick Ties to concrete & steel	✓			✓



Standard Operating Procedure

Always read and understand the instruction manual before attempting to operate a Ramset™ powder actuated tool. Ramset™ also recommends users obtain personal instruction and training from a Ramset™ representative.

1. First cycle the tool and insert the power load strip.
2. Insert the correct fastener or collated fasteners, (without compressing the front of the tool).
3. The tool should then be compressed against the work surface. (Making sure that the tool is perpendicular to the work surface).
4. Once the tool is compressed the trigger is actuated and the fastener is driven through the material being fastened into the substrate.

FrameBoss™ XP

Part No	Description	Order Qty
FRAMEBOSSXP	FrameBoss™ XP Tool	1
FRAMEBOSSXPM	FrameBoss™ XP Tool Inc Magazine	1

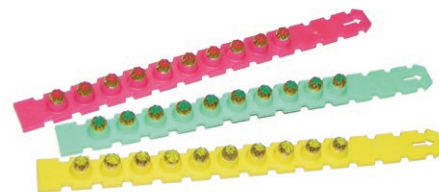


FrameBoss™ XP Accessories

Part No	Description	Order Qty
PA37076	Piston	1
011483	Piston Return Spring (x1)	1
010983	Piston Buffer (x2)	1
PA38032	Fastener Guide Assembly	1
011158	FrameBoss XP Magazine 75mm	1
PA9316	PA Lubricating and Release Oil	1
PA37023	Spall Shield	1

Power Load Strips

Part No	Colour	Strength	Order Qty
PLSGR22	Green	Weak	100
PLSYW22	Yellow	Medium	100
PLSRD22	Red	Strong	100



Standard Collated Drive Pins for Fixing to Concrete and Masonry

Collated Drive Pins designed for use with the FrameBoss™XP magazine for fastening to standard strength concrete, masonry and steel up to a maximum of 8mm.

Specifications

Raw Material	Carbon Steel (Plastic Collation)
Corrosion Protection	Zinc Electroplated (Minimum coating 7µm)
Nominal Head Diameter	8.8mm
Nominal Shank Diameter	3.7mm
Shear Strength	1120N/mm ²
Tensile Strength	1800N/mm ²
Hardness	50 -55HR _c



Part No	Drive Pin Length	Max Fixture (thickness to steel)	Max Fixture (thickness to concrete)	Order Qty
C960C	60mm	45mm	35mm	300
C975C	75mm	60mm	50mm	300

Collated Pins for Fixing to Structural Steel and Hard Concrete

The Ramset™ range of Premium Collated Drive Pins is designed for use with the FrameBoss™XP magazine for fastening to steel and hard concrete applications. The design of these drive pins allows them to penetrate hard materials with less power while the strengthened shank greatly reduces the possibility of column collapse. For use in steel up to Max. 11mm thickness.

Specifications

Raw Material	Carbon Steel (Plastic Collation)
Corrosion Protection	Zinc Electroplated (Minimum coating 7µm)
Nominal Head Diameter	8.8mm
Nominal Shank Diameter	4.0mm / 3.7mm
Shear Strength	1240N/mm ²
Tensile Strength	2000N/mm ²
Hardness	54 -58HR _c



Part No	Drive Pin Length	Max Fixture (thickness to steel)	Max Fixture (thickness to concrete)	Order Qty
SC925C	25mm	12mm	2mm	500
SC930C	30mm	18mm	5mm	500
SC940C	40mm	30mm	15mm	300
SC950C	50mm	35mm	25mm	300
SC960C	60mm	45mm	35mm	300

Standard Drive Pins for Concrete, Masonry and Steel

Drive Pins designed for fastening to standard strength concrete, masonry and steel up to a maximum of 8mm.



Specifications

Raw Material	Carbon Steel
Corrosion Protection	Zinc Mechanically Plated (Min coating 6µm)
Nominal Head Diameter	7.8mm
Nominal Shank Diameter	3.7mm
Shear Strength	1200N/mm ²
Tensile Strength	1950N/mm ²
Hardness	52 - 55HR _c

Part No	Drive Pin Length	Max Fixture (thickness to steel)	Max Fixture (thickness to concrete)	Order Qty
LDU25	25mm	12mm	2mm*	100
LDU32	32mm	20mm	7mm	100
LDU50	50mm	35mm	25mm	100
LDU65	65mm	50mm	45mm	100
LDU75	75mm	N/A	50mm	100
LDU90	90mm	N/A	65mm	100
LDU99	100mm	N/A	75mm	100

* Denotes steel fixture only

Premium Drive Pins for Structural Steel

Ramset's range of Premium Drive Pins has been designed for steel and hard concrete applications. The design of these drive pins allows them to penetrate hard materials with less power while the strengthened shank greatly reduces the possibility of column collapse.



Specifications

Raw Material	Carbon Steel
Corrosion Protection	Zinc Electroplated (Min coating 7µm)
Nominal Head Diameter	8.8mm
Nominal Shank Diameter	4.0 / 3.5mm
Shear Strength	1240N/mm ²
Tensile Strength	2000N/mm ²
Hardness	54 - 58HR _c

Part No	Description	Max Fixture (thickness to steel)	Max Fixture (thickness to concrete)	Order Qty
SC950	Timber to Structural Steel Pin	35mm	25mm	100
SC960	Timber to Structural Steel Pin	45mm	35mm	100

Ramset™ recommends application test on-site before commencing use.