



MASTER 35[®]

PETROL IMPACT WRENCH



Proven Reliability

The Master 35[®] has been in constant use throughout the World for carrying out track maintenance duties for over twenty five years.

It will remove/fit Chairscrews/Lagscrews and Fishplate/Joint Bar Nuts in under seven seconds and with our Safety Quick Release Auger Attachment used for drilling holes in timber sleepers/Ties.

Is easily carried by one person, operator friendly, has good balance and because it is so fast reduces the potential harm of vibration.



The Master will loosen any screwed fastener tightened by any other Petrol Impact Wrench

- LOW WEIGHT – Only 18.2 Kgs**
- LOW NOISE**
- LOW VIBRATION EXPOSURE**
- LOW EXHAUST EMISSION LEVELS**
- LOW FUEL CONSUMPTION**
- LOW MAINTENANCE COST**



Fitted with a new Roll Bar which reduces vibration; protects the Throttle Handle; provides a foot base for starting and makes the Wrench more comfortable to use.

SPECIFICATION

BOLT CAPACITY 16 to 32mm (5/8" to 1 1/4") Dia

DIMENSIONS

Length 570mm (22 3/8")
Height 280mm (11")
Width 445mm (17 1/2")

ENGINE Emak 56.5cc

SQUARE DRIVE Standard 1"

TORQUE RANGE

500 - 1800 Nm (350 to 1325 ft/lbs) approx.
adjustable using five position lever settings
The Master will loosen any screwed fastener tightened by any other Petrol Impact Wrench

VIBRATION GUIDE

On extensive on-track trials carried out under the independent supervision of Loughborough University in February 2008 the undernoted results were achieved on loosening and tightening :-

Fishplate Nuts/Joint Bar Nuts

11.2 to 11.6 m/s² in approximately three seconds
430 bolts before reaching E.U. Action and 1800 to reach Limit Level

Chairscrews/Lagscrews

9.8 to 11.0 m/s² in approximately seven seconds
240 screws before reaching E.U. Action and 1000 to reach Limit Level

The actual figures achieved can vary depending on operator technique and condition of Wrench, fastener and track.



METAL CARRYING BOX

Strong Metal Carrying Box with full length hinged lid, lockfast fitting, twin carrying handles and anti-clip rubber base. Holds an Impact Wrench, Sockets, Augering Attachment, Bits, Clips and Oil

Weight 11.7 Kgs (26lbs)

Dimensions 590 x 455 c 296mm
(23 1/2" x 18 1/8" x 11 1/2")



AUGER ACCESSORIES

SAFETY QUICK RELEASE AUGERING ATTACHMENT
For European and American size Hexagon and Round Shank Bits

AUGER BITS Standard and Premium Quality
10 to 22mm dia for drilling holes in all types of Hard and Soft Wooden Railway Sleepers

Special shanks, shapes and lengths available on request



IMPACT ACCESSORIES

SOCKETS - STANDARD AND DEEP RAILWAY QUALITY 1" and 23mm Square Drive
Hexagon 21 to 46mm, Square 21 to 25mm
Rectangular 19 x 17, 25 x 18 & 28 x 21mm
Bi-Square 7/8" to 2 1/4"

EXTENSIONS 125 to 450mm (6" to 18" long)

UNIVERSAL JOINTS, MAXI CLIPS, RUBBER RINGS, STEEL PINS

All other Square Drives and sizes available on request

OTHER PRODUCT Rail Gap Adjuster

For a free demonstration, quotation or more information on any of our products please contact :-



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