



PROVEN RELIABILITY

We invented the Petrol Driven Impact Wrench in the 1970's and since then have continually improved its quality and reliability to ensure our Master 35 Impact Wrench remains the best of its kind in the World.

The Master Wrench was specifically designed for use in a railway environment. It will remove/fit Chairscrews and Fishplate Nuts in under seven seconds and with our Safety Quick Release Auger Attachment can be easily converted into a Wooden Sleeper Drilling Machine.



TECHNICAL SPECIFICATION

DIMENSIONS	Length 570mm	Height 280mm	Width 445mm	VIBRATION EXPOSURE GUIDE	Use of high quality materials, tight engineering tolerances and fast operation help to reduce vibration exposure to a manageable level			
ENGINE	Emak 56 c.c. Two Stroke			Application	Vibration Level	Time to loosen/tighten seconds	Number of Fasteners to reach EU levels	
FASTENER TYPE	Bolt	16 to 32mm diameter			m/s ²		Active EAV	Limit ELV
	Rectangular	all sizes		Fishplate Nuts	11.2 to 11.6	3	430	1800
	Hexagon	Up to 83mm		Chairscrews	9.8 to 11.0	6.7	240	1000
	Square/Bi-Square	Up to 67mm		Vibration exposure levels will vary depending on condition of Wrench, Anvil, Socket and fastener and health of operator. Data based on on-track practical trials conducted by Loughborough University in February 2008				
NOISE LEVELS	Acoustic pressure (LpA) readings Idling 87 : dB(A) Acoustic power (LWA) according to ISO 3746 Idling 96 : dB(A) Under very extreme working conditions the machine can reach 103 & 118 : dB(A) respectively			WEIGHT	18.2 Kgs			
SQUARE DRIVE	Standard 1"			WORKING TORQUE	500 - 1800Nm approximately, adjusting using our five setting control knob. It is possible to achieve higher torques of up to 2,750Nm but this can only be achieved under special conditions			
					<i>The Master will loosen any screwed fastener previously tightened by any other Petrol Driven Impact Wrench</i>			

MASTER 35® ACCESSORIES

Part No.	Description		
	Master 35 Tool Carrier		
1750.0100	Standard Gauge		
1750.0090	Narrow Gauge		
1750.9999	Broad Gauge		
2801.7550	Master 35 Tool Carrier Accessory Vertical for Chairscrews		
2801.7560	Master 35 Tool Carrier Accessory Horizontal for Fishplate Nuts		
BOX	Metal Carrying Box with hinged lid and rubber strips on base		
AUG	Augering Attachment Quick Release – 9mm Hex European		
	Auger Bits Scotch Nose Premium 245mm long		
S10	10mm dia	S13	13mm dia
S16	16mm dia	S17	17mm dia
S18	18mm dia	S19	19mm dia
S22	22mm dia		
GEISAUG	Augering Attachment for Graffenstaden Auger Bits		
	Auger Bits Graffenstaden Shank		
14G	14mm	16G	16mm dia
18G	18mm		
	Impact Sockets 1" Square Drive		
454	28 x 21mm Rectangular Standard	454D	28 x 21mm Rectangular Deep
454S	28 x 21mm Rectangular Thin Wall	511	24 x 20 Rectangular
537	19mm Square	478	20mm Square
463/1	21mm Square	453	22mm Square
455	23mm Square	462	24mm Square
508	25mm Square	561	26mm Square
562	28mm Square		
496	30mm Hex	712	30mm Hex Deep
447	32mm Hex	495	32mm Hex Deep
450	36mm Hex	466	36mm Hex Deep
451	38mm Hex	465	38mm Hex Deep
456	39mm Hex	457	39mm Hex Deep
452	41mm Hex	458	41mm Hex Deep
449	42mm Hex	470	42mm Hex Deep
448	46mm Hex	459	46mm Hex Deep
SPADAP	Adaptor 1" Female to 23mm Square Quick Release		
	Quick Release Sockets 23mm Square Drive		
7821SQSP	21mm Square	7823SP	23mm Square
7836SP	36mm Hex	7838SP	38mm Hex
7841SP	41mm Hex	782420SP	24 x 20mm Rectangular
782128SP	28 x 21mm Rectangular	782530SPBUT	35 x 23mm Rectangular
	Extensions 1" Square Drive		
414	150mm long	407	200mm long
408	250mm long	409	300mm long
406	Universal Joint 1" Square Drive		
301	Rubber Ring	299	Steel Pin 49mm long
299/1	Steel Pin 57mm long	299/2	Steel Pin 67mm long
NOGO	Master 35® No Go Gauge		

Please contact us if the Accessory you need is not listed and we will supply it



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

AIRTEC
INTERNATIONAL LTD

40 Couper Street, Glasgow, G4 0DL, Scotland, UK
Tel : 0044 141 552 5591 Fax : 0044 141 552 5064
E Mail : Enquiries@airtecinternational.co.uk
Website : www.airtecinternational.co.uk