

1/2" Cordless Impactool™, 20 V



The Ingersoll Rand W5133/W5153 are the next generation 3/8" & 1/2" Compact Impact Wrench our customers demanded. Stronger internal parts deliver increased durability and a tapered front end creates increased access, along with a Chip-On-Board (COB) LED that eliminates shadows for excellent visibility. The W5133/53 packs 500Nm of MAX torque in a cordless compact unit that weighs only 2,4kg (with a BL2022 battery). The W5133/53 is protected by a chemical-resistant composite housing and a patented steel-reinforced frame. The all-metal drivetrain and hammer mechanism on the W5133/53 are designed to provide power without adding extra weight to the tool. It's tested by real technicians and ready to tackle real work.

- Sealed, enhanced, lubricated and reinforced bushing
- High-durability brushless motor
- Impact and chemical-resistant housing and patented steel reinforced frame
- Variable speed switch with electronic brake provides maximum control of the tool.
- IQV Power Control System includes 4 modes: Full Power, Mid-Power, Wrench Tight, and Hand Tight.
- Compatible with IQV20 Series™ Battery System
- New shadowless task light provide increased visibility around the anvil
- Tool only is delivered without battery and charger. Kit K22A contains: cordless tool, charger, 2 pcs 20 V, 2.5 + 5.0 Ah Li-ion batteries and blow molded case.
- Tool only is delivered without battery and charger. Kit K22B contains: cordless tool, charger, 2 pcs 20 V, 5.0 Ah Li-ion batteries and blow molded case.

Specifications

Part Number	W5153
Ordering number (tool only)	47636406001
Part Number (kit 2.5+5.0Ah)	W5153-K22A-EU
Ordering number (kit 2.5+5.0Ah)	47665713001
Part Number (kit Premium 5.0 Ah)	W5153-K22B-EU
Ordering number (kit Premium 5.0 Ah)	47665714001
Voltage (DC)	20 V
Drive size (square)	1/2 in
Other available versions:	
- 3/8" square drive	W5133

PERFORMANCE

Maximum torque in forward with BL2012 battery	280 ft-lb / 380 Nm
Maximum torque in forward with BL2022 battery	340 ft-lb / 460 Nm
Maximum torque in reverse with BL2012 battery	295 ft-lb / 400 Nm
Maximum torque in reverse with BL2022 battery	365 ft-lb / 500 Nm
Nut busting torque	550 ft-lb / 750 Nm
Free speed	0 - 2 100 rpm
Free speed (Hand tight mode)	0 - 800 rpm
Free speed (Snug up mode)	0 - 1 600 rpm
Impacts per minute	3 300

NOISE & VIBRATION

Sound pressure / power (EN60745)	90.0 / 101.0 dB(A)
Vibration level / measurement uncertainty with BL2012 battery (EN60745)	16.1 / 2.6 m/s ²
Vibration level / measurement uncertainty with BL2010 / BL2022 battery (EN60745)	12.6 / 1.7 m/s ²

WEIGHT & DIMENSIONS

Tool weight with BL2012 battery	4.6 lb / 2.1 kg
Tool weight with BL2010/BL2022 battery	5.3 lb / 2.4 kg
Tool length	7.2 in / 183 mm
Shipping weight (tool only)	4.6 lb / 2.1 kg
Shipping weight (kit 2.5+5.0Ah)	14.5 lb / 6.6 kg
Shipping weight (kit 5.0Ah)	15.2 lb / 6.9 kg
Shipping dimensions (tool only) (L x W x H)	216 x 222 x 95 mm
Shipping dimensions (kit) (L x W x H)	470 x 390 x 130 mm
UPC / EAN code (tool only)	6 63024 01405 9
UPC / EAN code (kit 2.5 + 5.0 Ah)	6 63023 15240 0
UPC / EAN code (Kit 5.0 Ah)	6 63023 15241 7
Origin	Assembled in PRC



SK4M5LN
SK4M5LN
1/2" Impact socket set (5 pcs) (17, 19, 21, 22 and 24 mm)



SK4M14N
SK4M14N
1/2" Impact socket set (14 pcs) (10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23 and 27 mm)



SK4M18N
SK4M18N
1/2" Impact socket set (18 pcs) (10, 11, 13, 14, 17, 19, 21, 22, 24, 13L, 14L, 21L, 24L, 17L, 19L and 21L mm, extension 125 mm)



E43H
16586455
1/2" Extension 75 mm



Impact sockets
For the complete range, see our accessory catalogue.



4UA9
03070216
1/2" right-angle head
(speed reduction: 25%
torque output reduction: up to 50%)



W7002-CASE
47665712001
Carrying case



TB4
47543666001
Tool Bag



W5132-BOOT
47555745001
Protective tool boot



BL2005-BOOT
47510965001
Protective battery boot BL2005/
BL2012



BL2010-BOOT
47510964001
Protective battery boot BL2010/
BL2022



BL2012
47515903001
Li-Ion battery, 20 V, 2.5 Ah



BL2022
47515902001
Li-Ion battery, 20 V, 5.0 Ah



BC1121-EU
47507874001
Universal battery charger 12/20V



L5110
48489561
Task light (without battery)



67-4T
04637336
Grease for high-speed angle heads



105-4T-6
04618930
Grease for Impacttools hammer
mechanism (6 tubes)