

1/2" Cordless Impacttool™, 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

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


SK4M18N

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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)


Impact sockets

For the complete range, see our accessory catalogue.


W7002-CASE

47665712001

Carrying case


W5132-BOOT

47555745001

Protective tool boot


BL2010-BOOT

47510964001

Protective battery boot BL2010/BL2022


BL2012

47515903001

Li-Ion battery, 20 V, 2.5 Ah


BC1121-EU

47507874001

Universal battery charger 12/20V


67-4T

04637336

Grease for high-speed angle heads


SK4M14N

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


E43H

16586455

1/2" Extension 75 mm


4UA9

03070216

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

TB4

47543666001

Tool Bag


BL2005-BOOT

47510965001

Protective battery boot BL2005/BL2012


BL2022

47515902001

Li-Ion battery, 20 V, 5.0 Ah


L5110

48489561

Task light (without battery)


105-4T-6

04618930

Grease for Impacttools hammer mechanism (6 tubes)