

Cat[®] Impact Wrenches



Power where it counts

Cat[®] Impact Wrenches help provide the ultimate in fastening power. Designed with safety in mind, Cat Impact Wrenches offer high torque and speed, combined with ease of operation. These versatile tools help mechanics accomplish even the most demanding fastening applications, quickly and safely.

Expect the following features and benefits from all Cat Impact Wrenches:

- Lightweight, ergonomic design for handling ease
- High torque and speed
- Durability and long wear life for reduced operating costs
- European Union compliant (CE marked)

CATERPILLAR[®]

3/8-in Impact Wrench



- Reverse bias motor provides more power in reverse for extra breakaway torque
- Molded ergonomic handle grip reduces vibration and operator fatigue
- Built-in power regulator matches power output to operating conditions

Part No.	222-3048
Drive size	3/8 in
Recommended air pressure	90 psig (620 kPa)
Air consumption, free speed	1.9 cfm (14 scfm) [53.8 l/min]
Air consumption, working	3.5 cfm (25 scfm) [99.11 l/m]
Free speed, forward	8000 rpm
Free speed, reverse	9000 rpm
Sound level, free speed	84.6 dBa
Sound level, working	95.6 dBa
Blows per minute	1170
Torque range	50-180 ft lb (68-244 Nm)
Maximum torque (forward)	180 ft lb (244 Nm)
Maximum torque (reverse)	210 ft lb (285 Nm)
Air inlet thread size	1/4 in-18 NPT
Recommended hose size, ID min	3/8 in (10 mm)
Overall length	6.25 in (159 mm)
Height	7 in (179 mm)
Width	2.24 in (57 mm)
Weight	3.75 lb (1.70 kg)
Motor & Throttle Repair Kit	231-6041
Anvil Repair Kit ¹	231-6043
Anvil	280-2681

¹ Anvil is not included in the repair kit.

1/2-in Impact Wrench



- Reverse biased motor provides more power in reverse for extra breakaway torque
- Molded ergonomic handle grip reduces vibration and operator fatigue
- Built-in power regulator matches power output to operating conditions

Part No.	222-3050
Drive size	1/2 in
Recommended air pressure	90 psig (620 kPa)
Air consumption, free speed	4.2 cfm (30 scfm) [118.9 l/min]
Free speed, forward	8000 rpm
Free speed, reverse	8000 rpm
Sound level, free speed	108 dBa
Torque range	25-425 ft lb (35-578 Nm)
Maximum torque (forward)	425 ft lb (578 Nm)
Maximum torque (reverse)	425 ft lb (578 Nm)
Air inlet thread size	1/4 in-18 NPT
Recommended hose size, ID min	5/16 in-(8 mm)
Overall length	7.3 in (185 mm)
Weight	5.8 lb (2.63 kg)
Motor & Throttle Repair Kit	231-6063
Anvil Repair Kit ¹	231-6064
Anvil	280-2862

¹ Anvil is not included in the repair kit.

3/4-in Impact Wrench



- Built-in power regulator matches power output to operating conditions
- Variable-speed trigger allows versatility over wide range of fasteners
- Durable aluminum housing reduces weight and provides long life
- Steel nose front for extra protection and easy service access

Part No.	222-3053
Drive size	3/4 in
Recommended air pressure	90 psig (620 kPa)
Air consumption, free speed	5.8 cfm (41 scfm) [164.2 l/min]
Free speed, forward	4500 rpm
Free speed, reverse	5000 rpm
Sound level, free speed	92 dBa
Torque range	300-800 ft lb (407-1085 Nm)
Maximum torque (forward)	800 ft lb (1085 Nm)
Maximum torque (reverse)	1200 ft lb (1626 Nm)
Air inlet thread size	3/8 in-18 NPT
Recommended hose size, ID min	3/8 in (10 mm)
Overall length	10.2 in (259 mm)
Weight	14.5 lb (6.59 kg)
Motor & Throttle Repair Kit	231-6068
Anvil Repair Kit ¹	231-6070
Anvil Part Number	280-2683

¹ Anvil is not included in the repair kit.

1-in Impact Wrenches



222-3054



222-3055

- Power speed regulator allows power output to be adjusted to operating conditions
- Variable-speed trigger allows operator versatility over wide range of fasteners

Part No.	222-3054	222-3055
Drive Size	1 in	1 in
Recommended air pressure	90 psig (620 kPa)	90 psig (620 kPa)
Air consumption, free speed	3.6 cfm (26 scfm)	8.3 cfm (41 scfm)
Free speed, forward	4000 rpm	4000 rpm
Free speed, reverse	4000 rpm	4000 rpm
Sound level, free speed	92 dBa	92 dBa
Sound level working	103 dBa	103 dBa
Blows per minute	500	505
Torque range	600-1400 ft-lb (813 - 1898 Nm)	600-1400 ft-lb (813 - 1898 Nm)
Maximum torque (forward)	1400 ft lb (1898 Nm)	1400 ft lb (1898 Nm)
Maximum torque (reverse)	2800 ft-lb (3796 Nm)	3000 ft-lb (4067 Nm)
Air inlet thread size	1/2 in-14 NPT	1/2 in-14 NPT
Recommended hose size, ID min	1/2 in (13 mm)	1/2 in (13 mm)
Overall length	11.8 in (302 mm)	21 in (535 mm)
Weight	26.5 lb (12.05 kg)	27 lb (12.27 kg)
Motor & Throttle Repair Kit	231-6073	231-6098
Anvil Repair Kit ¹	231-6071	231-6074
Anvil	280-2684	280-2684

¹ Anvil is not included in the repair kit.

Cat® Impact Wrenches

Composite Impact Wrench



- New to the Caterpillar line of impact wrenches
- Designed with composite housings instead of traditional aluminum
- Lighter weight and easier to handle

Part No.	266-3737
Drive Size	3/8 in
Recommended air pressure	90 psig (620 kPa)
Air consumption, free speed	3.3 cfm (23 scfm) [93.45 l/min]
Air consumption, working	2.2 cfm (16 scfm) [62.3 l/m]
Free speed, forward	9000 rpm
Free speed, reverse	9500 rpm
Sound level, free speed	94.3 dBa
Sound level, working	107.3 dBa
Blows per minute	1420
Torque range	20-250 ft lb (28-339 Nm)
Maximum torque (forward)	250 ft lb (339 Nm)
Maximum torque (reverse)	250 ft lb (339 Nm)
Air inlet thread size	1/4 in-18 NPT
Overall length	6.6 in (167.6 mm)
Weight	3.0 lb (1.36 kg)
Motor & Throttle Repair Kit	280-2676
Anvil Repair Kit	280-2677
Anvil	280-2675

Composite Impact Wrench



- New to the Caterpillar line of impact wrenches
- Designed with composite housings instead of traditional aluminum
- Lighter weight and easier to handle

Part No.	266-3736
Drive size	1/2 in
Recommended air pressure	90 psig (620 kPa)
Air consumption, free speed	3.6 cfm (26 scfm) [101.9 l/min]
Air consumption, working	2.6 cfm (19 scfm) [73.6 l/m]
Free speed, forward	7000 rpm
Free speed, reverse	8000 rpm
Sound level, free speed	94.2 dBa
Sound level, working	107.2 dBa
Blows per minute	1140
Torque range	100-550 ft lb [136-746 Nm]
Maximum torque (forward)	550 ft lb (746 Nm)
Maximum torque (reverse)	600 ft lb (813 Nm)
Air inlet thread size	1/4 in-18 NPT
Overall length	7.6 in (192 mm)
Weight	4.3 lb (1.95 kg)
Motor & Throttle Repair Kit	280-2679
Anvil Repair Kit	280-2680
Anvil	280-2678

For additional impact wrenches and accessories, see PECJ0003, Shop Supplies and Hand Tools Manual.

CAT® DEALERS DEFINE WORLD-CLASS PRODUCT SUPPORT.

We offer you the right parts and service solutions, when and where you need them.

The Cat Dealer network of highly trained experts can help you maximize your equipment investment.

