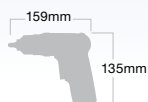


IMPACT WRENCHES

SI-1310

**NEW
MODEL**

AVAILABLE SOON

1/4" PISTOL IMPACT WRENCH

DOUBLE HAMMER CLUTCH / HANDLE EXHAUST

BOLT CAPACITY	8mm
MAX TORQUE	40Nm/30ft lb
AV. AIR CONS	60L/min 2.1cfm
AIR INLET SIZE	1/4"NPT
NET WEIGHT	0.63kg
WIDTH	42mm

1/4" impact wrench for small bolts and nuts. Used for light assembly and service work. Applications include appliance assembly, small engine assembly and service. Composite body absorbs vibration and insulates hand from cold metal motor housing. Feather torch trigger for easy operation

SI-1301

**NEW
MODEL**

AVAILABLE SOON

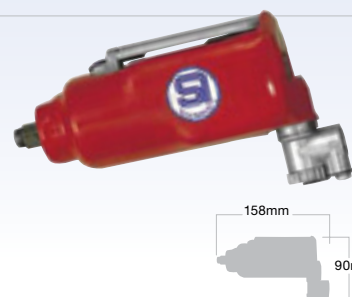
3/8" STRAIGHT IMPACT WRENCH

BUTTERFLY THROTTLE / DOUBLE HAMMER CLUTCH

BOLT CAPACITY	10mm
MAX TORQUE	70Nm/52ft lb
AV. AIR CONS	74L/min 2.6cfm
AIR INLET SIZE	1/4"NPT
NET WEIGHT	0.65kg
WIDTH	

Butterfly throttle, with instant reverse, for single handed work on small bolts and nuts in engine and body repair shops. Also, carburetors, ignitions, body panels, bumper and fender struts, oil pans, etc. Also for small engine and light industrial assembly work.

SI-1305



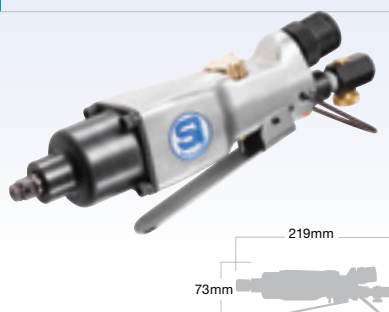
3/8" STRAIGHT IMPACT WRENCH

BUTTERFLY THROTTLE / SINGLE HAMMER CLUTCH / FRONT EXHAUST

BOLT CAPACITY	10mm
MAX TORQUE	90Nm/66ft lb
AV. AIR CONS	80L/min 2.8cfm
AIR INLET SIZE	1/4"NPT
NET WEIGHT	0.94kg
WIDTH	48mm

Similar applications to SI-1301 but with increased torque. Polymer body cover reduces vibration and is an advantage in cold weather. 360° air inlet swivel increases manoeuvrability. Single hammer clutch gives greater hitting power

SI-1370



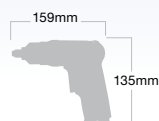
3/8" STRAIGHT IMPACT WRENCH

DOUBLE HAMMER CLUTCH / MUFFLED EXHAUST

BOLT CAPACITY	10mm
MAX TORQUE	100Nm/74ft lb
AV. AIR CONS	122L/min 4.3cfm
AIR INLET SIZE	1/4"NPT
NET WEIGHT	1.18kg
WIDTH	48mm

Straight twin hammer impact wrench suitable for overhead suspension work on assembly and service benches.

SI-1315

**NEW
MODEL**

AVAILABLE SOON

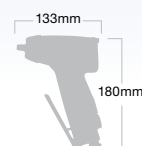
3/8" PISTOL IMPACT WRENCH

DOUBLE HAMMER CLUTCH / HANDLE EXHAUST

BOLT CAPACITY	10mm
MAX TORQUE	60Nm/44ft lb
AV. AIR CONS	60L/min 2.1cfm
AIR INLET SIZE	1/4"NPT
NET WEIGHT	0.63kg
WIDTH	42mm

Lightweight impact wrench with polymer body which absorbs vibration and insulates operators hand from the cold. A quality general purpose wrench for all smaller assembly jobs.

SI-1351

**NEW
MODEL**

AVAILABLE SOON

3/8" PISTOL IMPACT WRENCH

ROLLER CLUTCH

BOLT CAPACITY	10mm
MAX TORQUE	90Nm/66ft lb
AV. AIR CONS	77L/min 2.7cfm
AIR INLET SIZE	1/4"NPT
NET WEIGHT	1.1kg
WIDTH	46mm

Powerful lightweight wrench suitable for bench work such as transmissions, small engines, lawnmowers, air-conditioning units and large appliances. Features a built-in regulator and the roller clutch is very smooth in operation and long lasting.

IMPACT WRENCHES

SI-1355



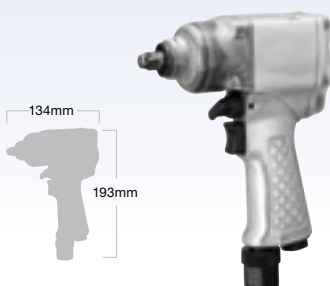
3/8" PISTOL IMPACT WRENCH

SINGLE HAMMER CLUTCH / FRONT EXHAUST

BOLT CAPACITY	10mm
MAX TORQUE	90Nm/66ft lb
AV. AIR CONS	77L/min 2.7cfm
AIR INLET SIZE	1/4"NPT
NET WEIGHT	1.12kg
WIDTH	44mm

Similar to SI-1351 in size and capacity. Has push button for reverse and single hammer clutch for increased impact.

SI-1365



3/8" PISTOL IMPACT WRENCH

DOUBLE HAMMER CLUTCH / MUFFLED EXHAUST

BOLT CAPACITY	10mm
MAX TORQUE	100Nm/74ft lb
AV. AIR CONS	94L/min 3.3cfm
AIR INLET SIZE	1/4"NPT
NET WEIGHT	1.31kg
WIDTH	52mm

The ultimate design for a 3/8" sq.dr. impact wrench. A powerful lightweight tool which is quieter and has more torque than SI-1351. Fitted with double hammer impact mechanism for faster run-down. Precision machined motor for long life. Muffled exhaust for industrial use. Applications are similar to those for SI-1351.

SI-1605



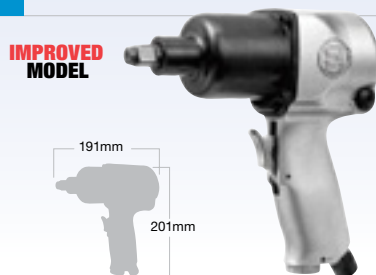
3/8" PISTOL IMPACT WRENCH

TWIN HAMMER CLUTCH / MUFFLED EXHAUST

BOLT CAPACITY	16mm
MAX TORQUE	350Nm/258ft lb
AV. AIR CONS	108L/min 3.8cfm
AIR INLET SIZE	1/4"NPT
NET WEIGHT	1.03kg
WIDTH	63mm

New compact, lightweight model with the same new rubber grip that is featured on the SI-1490 and SI-1610 1/2" models. Muffled exhaust for industrial use. Ideal for work on repair and assembly of motors, small engines, lawnmowers, etc in automotive and industrial workshops.

SI-1420T



1/2" PISTOL IMPACT WRENCH

TWIN HAMMER CLUTCH / FRONT EXHAUST

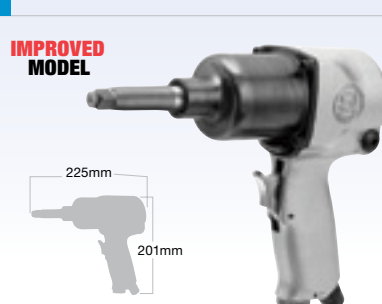
BOLT CAPACITY	16mm
MAX TORQUE	500Nm/369ft lb
AV. AIR CONS	114L/min 4cfm
AIR INLET SIZE	1/4"NPT
NET WEIGHT	2.55kg
WIDTH	67mm

Popular heavy duty impact wrench for automotive, industrial and farm use. High strength body with steel nose and built-in power regulator. Positive action reverse switch. Now with twin hammer clutch for greater impact, increased torque and longer life.

Also Available

Optional Vinyl Cover, order 930B-12

SI-1422T



1/2" PISTOL IMPACT WRENCH

50MM EXTENDED ANVIL / TWIN HAMMER CLUTCH / FRONT EXHAUST

BOLT CAPACITY	16mm
MAX TORQUE	480Nm/354ft lb
AV. AIR CONS	114L/min 4cfm
AIR INLET SIZE	1/4"NPT
NET WEIGHT	2.64kg
WIDTH	67mm

Same as SI-1420T but with 2" extended anvil for easier access into recessed wheels and other applications in confined spaces. Also takes double ended sockets.

Also Available

Optional Vinyl Cover, order 930B-12

SI-1440T



1/2" PISTOL IMPACT WRENCH

TWIN HAMMER CLUTCH / HANDLE EXHAUST

BOLT CAPACITY	18mm
MAX TORQUE	850Nm/627ft lb
AV. AIR CONS	136L/min 4.8cfm
AIR INLET SIZE	1/4"NPT
NET WEIGHT	2.12kg
WIDTH	68mm

Very powerful, heavy duty impact wrench with similar applications to SI-1420T but with much higher torque. Oil flooded clutch provides continuous lubrication, less wear. Very popular in tyre shops.

IMPACT WRENCHES

SI-1442T



1/2" PISTOL IMPACT WRENCH

50MM EXT. ANVIL / TWIN HAMMER CLUTCH / HANDLE EXHAUST

BOLT CAPACITY	18mm
MAX TORQUE	800Nm/590ft lb
AV. AIR CONS	136L/min 4.8cfm
AIR INLET SIZE	1/4"NPT
NET WEIGHT	2.22kg
WIDTH	68mm

Same as SI-1440T but with 2" extended anvil for easier access into recessed wheels and other confined spaces. Also takes double ended sockets

SI-1456

NEW MODEL



1/2" PISTOL IMPACT WRENCH

PIN CLUTCH / POLYMER BODY

BOLT CAPACITY	16mm
MAX TORQUE	220Nm/162ft lb
AV. AIR CONS	102L/min 3.6cfm
AIR INLET SIZE	1/4"NPT
NET WEIGHT	1.13kg
WIDTH	49mm

Compact, narrow and lightweight impact wrench for easier access in narrow and difficult areas. The one piece polymer body and pin clutch reduce vibration and make operation smoother.

AVAILABLE SOON

SI-1480A



1/2" PISTOL IMPACT WRENCH

PIN CLUTCH / HANDLE EXHAUST

BOLT CAPACITY	18mm
MAX TORQUE	800Nm/590ft lb
AV. AIR CONS	165L/min 5.8cfm
AIR INLET SIZE	1/4"NPT
NET WEIGHT	2.07kg
WIDTH	70mm

A powerful impact wrench with pin clutch which has lower vibration than twin hammer clutch. Applications are similar to SI-1420T. Available with a protective boot.

Also Available

Optional Vinyl Cover, order 911

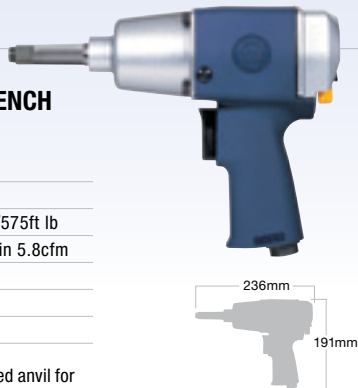
SI-1482A

1/2" PISTOL IMPACT WRENCH

50MM EXT. ANVIL / PIN CLUTCH / HANDLE EXHAUST

BOLT CAPACITY	18mm
MAX TORQUE	780Nm/575ft lb
AV. AIR CONS	165L/min 5.8cfm
AIR INLET SIZE	1/4"NPT
NET WEIGHT	2.11kg
WIDTH	70mm

Same as SI-1480A but with extended anvil for easier access into recessed wheels and other confined spaces. Also takes double ended sockets.



Also Available

Optional Vinyl Cover, order 911

SI-1490A

1/2" PISTOL IMPACT WRENCH

TWIN HAMMER CLUTCH / MUFFLED EXHAUST

BOLT CAPACITY	20mm
MAX TORQUE	850Nm/627ft lb
AV. AIR CONS	145L/min 5.1cfm
AIR INLET SIZE	1/4"NPT
NET WEIGHT	1.76kg
WIDTH	74mm

New model of 1/2" impact wrench with Shinano's new look rubber grip that absorbs vibration, is more comfortable to hold and protects operators hand from the cold. With a powerful 850Nm max. torque, this tool is already proving very popular both in the automotive and industrial fields.



NEW MODEL

SI-1492A

1/2" PISTOL IMPACT WRENCH

50MM EXT. ANVIL / TWIN HAMMER CLUTCH / MUFFLED EXHAUST

BOLT CAPACITY	20mm
MAX TORQUE	850Nm/627ft lb
AV. AIR CONS	145L/min 5.1cfm
AIR INLET SIZE	1/4"NPT
NET WEIGHT	1.79kg
WIDTH	74mm

Same as SI-1490 but with extended anvil for easier access into recessed wheels and other hollow areas. Also takes double ended sockets.



NEW MODEL

SI-1610

COMPACT 1/2" PISTOL IMPACT WRENCH

TWIN HAMMER CLUTCH / MUFFLED EXHAUST

BOLT CAPACITY	18mm
MAX TORQUE	450Nm/332ft lb
AV. AIR CONS	108L/min 3.8cfm
AIR INLET SIZE	1/4"NPT
NET WEIGHT	1.04kg
WIDTH	62mm

New compact, lightweight impact wrench with the same new rubber grip that is featured on the SI-1490. Ideal for work on repair and assembly of motors etc in automotive and industrial workshops where other impact wrenches are likely to shear bolts and strip threads and the reduced size gives better access.



NEW MODEL

IMPACT WRENCHES

SI-1550

**NEW
MODEL**

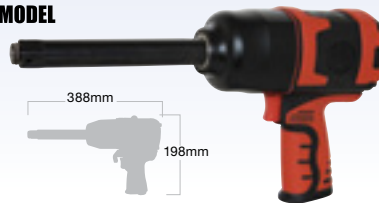

3/4" PISTOL IMPACT WRENCH

TWIN HAMMER CLUTCH / HANDLE EXHAUST

BOLT CAPACITY	24mm
MAX TORQUE	1650Nm/1217ft lb
AV. AIR CONS	227L/min 8cfm
AIR INLET SIZE	3/8"NPT
NET WEIGHT	3.25kg
WIDTH	94mm

Designed for heavy duty operation in industrial, construction, automotive and farm applications. Uses include heavy machinery maintenance and repair, steel erection, pipeline construction and heavy marine and industrial engines. Light weight and compact for minimum operator fatigue.

SI-1556

**NEW
MODEL**


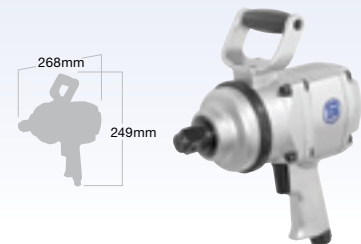
3/4" PISTOL IMPACT WRENCH

150MM EXT. ANVIL / TWIN HAMMER CLUTCH / HANDLE EXHAUST

BOLT CAPACITY	24mm
MAX TORQUE	1550Nm/1143ft lb
AV. AIR CONS	227L/min 8cfm
AIR INLET SIZE	3/8"NPT
NET WEIGHT	3.95kg
WIDTH	94mm

Same as SI-1550 but with 6" extended anvil for easier use with recessed wheels and other applications in confined spaces

SI-1760T



1" PISTOL IMPACT WRENCH

TWIN HAMMER CLUTCH / HANDLE EXHAUST

BOLT CAPACITY	38mm
MAX TORQUE	2200Nm/1620ft lb
AV. AIR CONS	377L/min 13.3cfm
AIR INLET SIZE	1/2" NPT
NET WEIGHT	8.13kg
WIDTH	205mm

The main use for this tool is underneath heavy equipment where access is limited. Typical uses are U-bolts and springs on heavy truck and bus suspensions, off road equipment, end loaders, scrapers, heavy duty farm equipment and large diesel engines.

SI-1766T



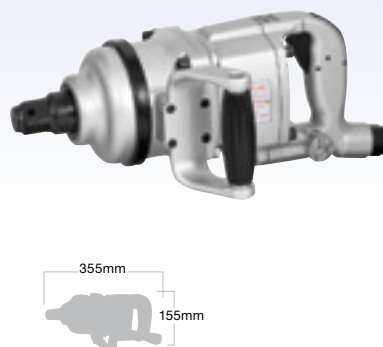
1" PISTOL IMPACT WRENCH

150MM EXT. ANVIL / TWIN HAMMER CLUTCH / HANDLE EXHAUST

BOLT CAPACITY	38mm
MAX TORQUE	2160Nm/ 1590ft lb
AV. AIR CONS	377L/min 13.3cfm
AIR INLET SIZE	1/2" NPT
NET WEIGHT	8.56kg
WIDTH	205mm

Same as 1760T but with 6" extended anvil, this wrench has many applications similar to SI-1760T but where deep recesses are involved, such as large truck wheels

SI-1770T



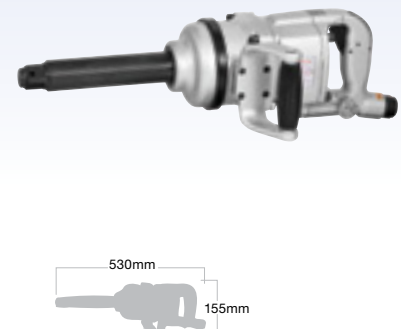
1" D-HANDLE IMPACT WRENCH

TWIN HAMMER CLUTCH

BOLT CAPACITY	38mm
MAX TORQUE	2300Nm/1700ft lb
AV. AIR CONS	349L/min 12.3 cfm
AIR INLET SIZE	1/2" NPT
NET WEIGHT	8.44kg
WIDTH	205mm

This is a powerful tool for heavy production work such as steel erection, heavy equipment assembly/disassembly, mining, pipeline construction, refineries, oil rigs, petrochemical plants, etc. Compact body design minimises weight and twin hammer clutch maximises power.

SI-1776T



1" D-HANDLE IMPACT WRENCH

150MM EXT. ANVIL / TWIN HAMMER CLUTCH

BOLT CAPACITY	38mm
MAX TORQUE	2200Nm/ 1620ft lb
AV. AIR CONS	349L/min 12.3cfm
AIR INLET SIZE	1/2" NPT
NET WEIGHT	8.87kg
WIDTH	205mm

Same as SI-1770T but with 6" extended anvil, this tool is used extensively in heavy truck tyre shops where the extended anvil facilitates work on dual wheels.

IMPACT WRENCHES

EXPLANATION OF CLUTCH MECHANISMS FOR IMPACT TOOLS

SINGLE HAMMER



One hammer making one impact per rotation. This means greater hitting power, long life and easy maintenance.

DOUBLE HAMMER



Two hammers making two impacts per rotation. The two hammers are of the same form as the single hammer but opposite each other so there is less vibration yet higher torque than the single hammer

TWIN HAMMER



Two hammers making one impact per rotation. This design is the most durable of hammer designs. It is lighter with less vibration and produces a powerful impact.

ROLLER CLUTCH



One hammer making one impact per rotation. It produces high torque per impact like the single hammer but spins faster producing more impacts per minute.

PIN CLUTCH



One hammer making one impact per rotation. Rotating mechanism in which two round hammer pins move up and down, engaging the anvil and producing a powerful impact. It produces high torque with minimum vibration.