

SCREWDRIVERS

SCREWDRIVERS

In choosing a screwdriver for a particular application there are a number of different options to consider. Firstly, there are different clutch types. In the IAT range, there are models with slip clutch and auto shut off clutch. There is also a direct drive model which has no clutch. These are best for wood screws and where maximum torque is needed.

The slip clutch is the best alternative when the joint varies from one screw to another as is the case with self-tapping screws. The slip clutch begins to slip when the set torque is reached.

Auto shut off screwdrivers are the ideal tool where high levels of torque accuracy and repeatability are required. These should also be used in production situations where constant use is likely to create operator fatigue due to a repeated torque reaction.

The clutch on these screwdrivers rapidly shuts off the air to the motor when the preset torque is reached. This gives $\pm 3\%$ torque accuracy, minimal transmitted reaction to the operator's hand, much lower wear on screwdriver bits and internal parts, lower noise and vibration levels and reduced energy consumption.

Screwdrivers are available as straight, pistol grip or angle head. Straight screwdrivers are preferable for vertical work, pistol grip for horizontal work and angle head for where access is restricted. However, when working with torques above 6-7Nm, pistol grip models are preferred over the straight grip as they offer superior handling of the torque reaction.

The other options to consider is whether the screwdriver should be air or electric powered. If compressed air is available, this is the best option. Air powered screwdrivers give high outputs in relation to their weight and volume, they do not burn out or give electric shocks and are less subject to theft. Electric models, on the other hand, have the advantages of maximum cleanliness and low installation cost.

The IAT range of air shut off screwdrivers have a soft resin handle with a 'wave' patterned design for increased grip and comfort. Push start models decrease operator time which is an advantage in production lines. The air shut off screwdrivers are supplied with 4 different coloured end caps which can be used as a colour code system which is an advantage in production lines where the same models are used for different processes and set to different torque settings. This makes each tool easily identifiable as to which process it is to be used for.

IAT-5006S

**NEW
MODEL**



5MM STRAIGHT GRIP AUTO SHUT OFF SCREWDRIVER

LEVER START / 1/4" HEX. DRIVE / EXTERNALLY ADJUSTABLE TORQUE SETTING

SCREW CAPACITY	5mm
MAX TORQUE	8Nm 5.9ft lb
FREE SPEED	1800rpm
AV. AIR CONS	125L/min 4.42cfm
AIR INLET SIZE	1/4"
NET WEIGHT	1.13kg
WIDTH	42mm

IAT-5045S



6MM STRAIGHT GRIP AUTO SHUT OFF SCREWDRIVER

PUSH START / COMPOSITE BODY / 1/4" HEX. DRIVE / ADJUSTABLE TORQUE SETTING

SCREW CAPACITY	6mm
TORQUE RANGE	0.8-3.9Nm 0.6-2.9ft lb
FREE SPEED	800rpm
AV. AIR CONS	300L/min 10.6cfm
AIR INLET SIZE	1/4"
NET WEIGHT	0.48kg
WIDTH	34mm

IAT-5050S

6MM STRAIGHT GRIP AUTO SHUT OFF SCREWDRIVER

PUSH START / COMPOSITE BODY / 1/4" HEX. DRIVE / ADJUSTABLE TORQUE SETTING

SCREW CAPACITY	6mm
TORQUE RANGE	0.7-4.9Nm 0.5-3.6ft lb
FREE SPEED	1400rpm
AV. AIR CONS	550L/min 19.4cfm
AIR INLET SIZE	1/4"
NET WEIGHT	0.79kg
WIDTH	39mm



SCREWDRIVERS

IAT-5060S



7MM STRAIGHT GRIP AUTO SHUT OFF SCREWDRIVER

PUSH START / COMPOSITE BODY / 1/4" HEX. DRIVE / ADJUSTABLE TORQUE SETTING

SCREW CAPACITY	7mm
TORQUE RANGE	1.5-9.3Nm 1.1-6.8ft lb
FREE SPEED	550rpm
AV. AIR CONS	550L/min 19.4cfm
AIR INLET SIZE	1/4"
NET WEIGHT	0.79kg
WIDTH	39mm

IAT-5260A



7MM ANGLE HEAD AUTO SHUT OFF SCREWDRIVER

LEVER START / COMPOSITE BODY / 1/4" HEX. DRIVE / ADJUSTABLE TORQUE SETTING

SCREW CAPACITY	7mm
TORQUE RANGE	1.5-9.3Nm 1.1-6.8ft lb
FREE SPEED	550rpm
AV. AIR CONS	550L/min 19.4cfm
AIR INLET SIZE	1/4"
NET WEIGHT	1.3kg
WIDTH	39mm

IAT-5065S



9MM STRAIGHT GRIP AUTO SHUT OFF SCREWDRIVER

PUSH START / COMPOSITE BODY / 1/4" HEX. DRIVE / ADJUSTABLE TORQUE SETTING

SCREW CAPACITY	9mm
TORQUE RANGE	3.0-17.6Nm 2.2-13.0ft lb
FREE SPEED	300rpm
AV. AIR CONS	600L/min 21.2cfm
AIR INLET SIZE	1/4"
NET WEIGHT	0.8kg
WIDTH	39mm

IAT-5265A



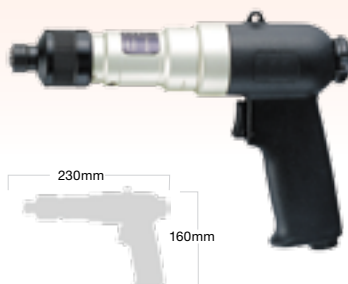
9MM ANGLE HEAD AUTO SHUT OFF SCREWDRIVER

LEVER START / COMPOSITE BODY / 1/4" HEX. DRIVE / ADJUSTABLE TORQUE SETTING

SCREW CAPACITY	9mm
TORQUE RANGE	3.0-17.6Nm 2.2-13.0ft lb
FREE SPEED	300rpm
AV. AIR CONS	600L/min 21.2cfm
AIR INLET SIZE	1/4"
NET WEIGHT	1.31kg
WIDTH	39mm

IAT-5310P

**NEW
MODEL**



6MM PISTOL GRIP SLIP CLUTCH SCREWDRIVER

TRIGGER START / 1/4" HEX. DRIVE / EXTERNAL CLUTCH ADJUSTMENT

SCREW CAPACITY	6mm
TORQUE RANGE	2.5-9Nm 1.9-6.6ft lb
FREE SPEED	1800rpm
AV. AIR CONS	125L/min 4.42cfm
AIR INLET SIZE	1/4"
NET WEIGHT	1.31kg
WIDTH	50mm

IAT-5311P

**NEW
MODEL**



8MM PISTOL GRIP SLIP CLUTCH SCREWDRIVER

TRIGGER START / 1/4" HEX. DRIVE / EXTERNAL CLUTCH ADJUSTMENT

SCREW CAPACITY	8mm
TORQUE RANGE	2.5-12Nm 1.9-8.8ft lb
FREE SPEED	800rpm
AV. AIR CONS	125L/min 4.42cfm
AIR INLET SIZE	1/4"
NET WEIGHT	1.43kg
WIDTH	50mm

SCREWDRIVERS

IAT-5441P



5MM PISTOL GRIP AUTO SHUT OFF SCREWDRIVER

TRIGGER START / COMPOSITE BODY / 1/4" HEX. DRIVE / ADJUSTABLE TORQUE SETTING

SCREW CAPACITY	5mm
TORQUE RANGE	0.5-3.4Nm 0.4-2.5ft lb
FREE SPEED	1800rpm
AV. AIR CONS	280L/min 9.9cfm
AIR INLET SIZE	1/4"
NET WEIGHT	0.64kg
WIDTH	52mm

IAT-5447P

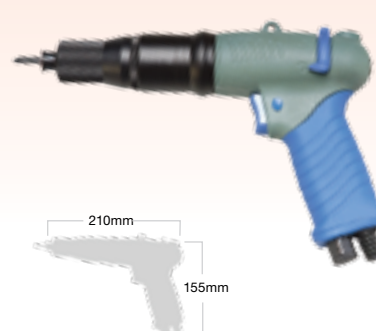


6MM PISTOL GRIP AUTO SHUT OFF SCREWDRIVER

TRIGGER START / COMPOSITE BODY / 1/4" HEX. DRIVE / ADJUSTABLE TORQUE SETTING

SCREW CAPACITY	6mm
TORQUE RANGE	1.0-4.9Nm 0.7-3.6ft lb
FREE SPEED	1000rpm
AV. AIR CONS	280L/min 9.9cfm
AIR INLET SIZE	1/4"
NET WEIGHT	0.74kg
WIDTH	52mm

IAT-5455P



7MM PISTOL GRIP AUTO SHUT OFF SCREWDRIVER

TRIGGER START / COMPOSITE BODY / 1/4" HEX. DRIVE / ADJUSTABLE TORQUE SETTING

SCREW CAPACITY	7mm
TORQUE RANGE	1.2-7.3Nm 0.9-5.4ft lb
FREE SPEED	550rpm
AV. AIR CONS	550L/min 19.4cfm
AIR INLET SIZE	1/4"
NET WEIGHT	0.95kg
WIDTH	58mm

IAT-5465P



9MM PISTOL GRIP AUTO SHUT OFF SCREWDRIVER

TRIGGER START / COMPOSITE BODY / 1/4" HEX. DRIVE / ADJUSTABLE TORQUE SETTING

SCREW CAPACITY	9mm
TORQUE RANGE	3.0-17.6Nm 2.2-13.0ft lb
FREE SPEED	300rpm
AV. AIR CONS	550L/min 19.4cfm
AIR INLET SIZE	1/4"
NET WEIGHT	1.1kg
WIDTH	58mm

IAT-5675SE



5MM STRAIGHT GRIP AUTO SHUT OFF ELECTRIC SCREWDRIVER

PUSH START / COMPOSITE BODY / 1/4" HEX. DRIVE / ADJUSTABLE TORQUE SETTING

SCREW CAPACITY	5mm
TORQUE RANGE	0.7-2.9Nm 0.5-2.1ft lb
VOLTAGE	30VDC
FREE SPEED	1000rpm
NET WEIGHT	0.74kg
WIDTH	44mm

IAT-5685SE



8MM STRAIGHT GRIP AUTO SHUT OFF ELECTRIC SCREWDRIVER

PUSH START / COMPOSITE BODY / 1/4" HEX. DRIVE / ADJUSTABLE TORQUE SETTING/ BRUSHLESS MOTOR

SCREW CAPACITY	8mm
TORQUE RANGE	6.0 - 15.0Nm 4.4 - 11.0 ft-lb
VOLTAGE	40VDC
FREE SPEED	550rpm
NET WEIGHT	1.2kg
WIDTH	52mm