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Heavy Duty Impact Wrenches

An impact wrench has a relatively low torque motor which supplies rotary inertia to a special type clutch. The clutch converts this inertia into a series of rotary blows which gradually build up torque in the fastener.

The effect is similar to that obtained when a hand wrench is placed on a nut and the opposite end is struck with a hammer. Torque reaction is not transmitted back through the tool to the operator. Therefore, fasteners can be safely tightened to high torques with hand held tools.

The output of the impact wrench depends solely on the rated capacity of the tool and the length of time the tool is kept on the fastener.

Maximum output of the tool can be limited by controlling the air entering the tool or by introducing flexible elements between the anvil of the tool and the fastener to absorb some of the impact blow. These methods are effective, but the use of Torsion Bars are recommended when fastener torques must be held within close limits.



ATP Clutch Basics

Twin Hammer:

Two hammers strike balance blows for more torque per pound than any competitive tool. This simplified design with inertia engaged reversible hammers means easy, low cost maintenance. Good performance on both hard and soft joint applications, also less sensitive to air pressure changes than any other design.

Ball and Cam:

Precision ball and cam mechanism converts air motor torque into powerful rotary impacts . . . a time tested design for maximum durability, ideal for soft joint applications. Utilized in very large impact tools.

Two Jaw:

High energy per blow for maximum performance. High ultimate torque, highest power to weight ratio. Excellent choice for those tough MRO and assembly applications. Good on soft pull up joints, excellent on hard joint pull up joints.

Three Jaw:

Very good all around general purpose clutch. Good on either hard or soft pull up applications, high ultimate torque.

Lever Throttle



End Grip
Outside Trigger



Pistol Grip



End Grip
Inside Trigger



Spline Drive



Square Drive



ATP

A Division of Hy-Tech Machine

Heavy Duty Impact Tools

3/4" BOLT CAPACITY



ATP 7520 PT-TH
Twin Hammer



ATP 7520 PT-IH
Twin Hammer



ATP 7560 PT-TH
Two Jaw

- Steel clutch housing
- 3 piece housing construction for ease of maintenance.
- Pressure feed lubrication for impact mechanism
- Available in #5 spline or square drive
- Adjustable power regulator for forward and reverse power control
- Ergonomic handle
- Exhaust with sound reducing muffler

ATP Professional Tools

ATP professional tools feature alloy steel hammer cases that are machined from solid bar not drawn or cast. The model number is stamped in the motor housing under the name plate for permanent identification. There is a high power to weight ratio, plus 100% parts interchangeability to the equivalent tool. Your replacement parts inventory will work for any tool you purchase.

100% American Made.

3/4" BOLT CAPACITY (19mm)

MODEL#	ATP 7510 PT-TH	ATP 7510 PT-IH
Torque Working Ft-Lb	500	500
Max. Ft-Lb	850	850
Handle Type	Pistol Grip	Pistol Grip
Data Shank	3/4" Sq.	1" Sq.
Retainer	Through Hole	Through Hole
Length In.	7.65	7.65
Weight	8.5 Lb.	8.5 Lb.
Hose Size	1/2"	1/2"
Equivalent To	IR2910P1	IR2910P3

3/4" BOLT CAPACITY (19mm)

MODEL#	ATP 7520 PT-TH	ATP 7520 PT-IH
Torque Working Ft-Lb	800	800
Max. Ft-Lb	1100	1100
Handle Type	Pistol Grip	Pistol Grip
Data Shank	3/4" Sq.	1" Sq.
Retainer	Through Hole	Through Hole
Length In.	12.50	12.50
Weight	12 Lb.	12 Lb.
Hose Size	1/2"	1/2"
Equivalent To	IR2920P1	IR2920P3

3/4" CAPACITY (19mm)

MODEL#	ATP 7560 PT-TH	ATP 7560 PT-RR	ATP 7560 PT-IH
Torque Working Ft-Lb	560	560	575
Max. Ft-Lb	1000	1000	1025
Handle Type	Pistol Grip	Pistol Grip	Pistol Grip
Data Shank	3/4" Sq.	3/4" Sq.	1" Sq.
Retainer	Through Hole	Ring Retainer	Through Hole
Length In.	7.60	7.60	7.60
Weight	11.6 Lb.	11.6 Lb.	11.7 Lb.
Hose Size	1/2"	1/2"	1/2"
Equivalent To	CP6060 SASAB	CP60600 SASAR	CP6060 SASAK

PT = Pistol Grip/Trigger

EI = End Grip/Inside Trigger

EO = End Grip/Outside Trigger

LT = Lever Throttle

TH = Through Hole

5S = 5 Spline

RR = Ring Retainer

IH = 1" Sq. Through Hole

Example:

ATP 7560 PT-RR is a 3/4 Inch Drive Pistol Grip With A Ring Retainer

CP is a registered trademark of Chicago Pneumatic

IR is a registered trademark of Ingersoll Rand

Heavy Duty Impact Tools

1-1/4"-1-3/8" BOLT CAPACITY



ATP 1040 EI-TH
Twin Hammer



ATP 1040 EO-5S
Twin Hammer



ATP 1011 EI-5S
Two Jaw



I-T = Inside Trigger
O-T = Outside Trigger

1-1/4" BOLT CAPACITY (32mm)*

MODEL#	ATP 1040 EI-TH	ATP 1040 EI-5S
Torque Working Ft.-Lb	1600	1600
Max. Ft.-Lb	2000	2000
Handle Type	End Grip I-T	End Grip I-T
Data Shank	1" Sq.	#5 Spine
Retainer	Through Hole	Button
Length In.	12.40	12.40
Weight	22.0 Lb.	22.0 Lb.
Hose Size	3/4"	3/4"
Equivalent To	IR2940B2	IR2940B1

*Also available with 6" extended anvil

1-1/4" BOLT CAPACITY (32mm)

MODEL#	ATP 1040 EO-5S	ATP 1044 EO-5S	ATP 1034 EI-TH
Torque Working Ft.-Lb	1600	1000	1100
Max. Ft.-Lb	2800	1350	1500
Handle Type	End Grip O-T	End Grip O-T	End Grip I-T
Data Shank	#5 Spine	#5 Spine	1" Sq.
Retainer	Button	Button	Through Hole
Length In.	12.40	11.25	11.25
Weight	22.0 Lb.	19.0 Lb.	19.0 Lb.
Hose Size	3/4"	3/4"	3/4"
Equivalent To	IR2940A1	IR1734A1	IR2934B2

1-1/4" BOLT CAPACITY (25mm-32mm)

MODEL#	ATP 1034 EI-5S	ATP 1034 EO-TH	ATP 1034 EO-5S
Torque Working Ft.-Lb	1100	1100	1100
Max. Ft.-Lb	1500	1500	1500
Handle Type	End Grip I-T	End Grip O-T	End Grip O-T
Data Shank	#5 Spine	1" Sq.	#5 Spine
Retainer	Button	Through Hole	Button
Length In.	11.25	11.25	11.25
Weight	19.0 Lb.	19.0 Lb.	19.0 Lb.
Hose Size	3/4"	3/4"	3/4"
Equivalent To	IR2934B1	IR2934A2	IR2934A1

1-1/4" BOLT CAPACITY (25mm-32mm)

MODEL#	ATP 1012 EO-TH	ATP 1012 EI-TH
Torque Working Ft.-Lb	1000	1000
Max. Ft.-Lb	1350	1350
Handle Type	End Grip O-T	End Grip I-T
Data Shank	1" Sq.	1" Sq.
Retainer	Through Hole	Through Hole
Length In.	11.25	11.25
Weight	19.0 Lb.	19.0 Lb.
Hose Size	3/4"	3/4"
Equivalent To	IR1712A2	IR1712B1

1-3/8" BOLT CAPACITY (35mm)

MODEL#	ATP 1011 EO-TH	ATP 1011 EO-5S	ATP 1011 EI-TH	ATP 1011 EI-5S
Torque Working Ft.-Lb	1800	1800	1800	1800
Max. Ft.-Lb	2800	2800	2800	2800
Handle Type	End Grip O-T	End Grip O-T	End Grip I-T	End Grip I-T
Data Shank	1" Sq.	#5 Spine	1" Sq.	#5 Spine
Retainer	Through Hole	Button	Through Hole	Button
Length In.	12.50	12.50	12.50	12.50
Weight	22.5 Lb.	22.5 Lb.	22.5 Lb.	22.5 Lb.
Hose Size	3/4"	3/4"	3/4"	3/4"
Equivalent To	CP0611GASED	CP0611GASEL	CP0611PASED	CP0611PASEL

Super Duty Impact Tools

1-1/2"-2" BOLT CAPACITY



ATP 1550 EO-TH
Twin Hammer



ATP 1578 LT-TH
Ball and Cam



ATP 1520 EO-5S
Two Jaw

1-1/2" BOLT CAPACITY (38mm)

MODEL#	ATP 1550 EI-TH	ATP 1550 EI-5S	ATP 1550 EO-TH
Torque Working Ft.-Lb	2500	2500	2500
Max. Ft.-Lb	3000	3000	3025
Handle Type	End Grip I-T	End Grip I-T	End Grip O-T
Data Shank	1-1/2" Sq.	#5 Spine	1-1/2" Sq.
Retainer	Through Hole	Button	Through Hole
Length In.	14.50	14.50	14.50
Weight	33.0 Lb.	33.0 Lb.	33.0 Lb.
Hose Size	3/4"	3/4"	3/4"
Equivalent To	IR2950B7	IR2950 W/#5SP	IR2950A7

1-1/2"-2" BOLT CAPACITY (38mm-51mm)

MODEL#	ATP 1550 EO-5S	ATP 1578 LT-TH
Torque Working Ft.-Lb	2500	5500
Max. Ft.-Lb	3000	10000
Handle Type	End Grip O-T	Lever Type
Data Shank	#5 Spine	1-1/2" Sq.
Retainer	Button	Through Hole
Length In.	14.50	23.00
Weight	33.0 Lb.	86.0 Lb.
Hose Size	3/4"	3/4"
Equivalent To	IR2950 W/#5SP	IR578A1

1-1/2" BOLT CAPACITY (38mm)

MODEL#	ATP 1520 EI-5S	ATP 1520 EI-TH
Torque Working Ft.-Lb	2500	2500
Max. Ft.-Lb	3500	3500
Handle Type	End Grip I-T	End Grip I-T
Data Shank	#5 Spine	1-1/2" Sq.
Retainer	Button	Through Hole
Length In.	14.70	14.70
Weight	33.7 Lb.	33.7 Lb.
Hose Size	3/4"	3/4"
Equivalent To	CP6120PASEL	CP6120PASED

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 EI = End Grip/Inside Trigger
 EO = End Grip/Outside Trigger
 LT = Lever Throttle

TH = Through Hole
 5S = 5 Splines
 RR = Ring Retainer
 1H = 1" Sq. Through Hole

Example:

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Heavy Duty Impact Tools

- 3 Jaw Clutch for quick run down and fast torque build-up
- 3 piece housing construction for ease of maintenance
- Oil lubricated clutch for long life
- Teasing throttle for easy bolt starting
- Excellent choice for soft pull-up jobs



ATP 7506

The ATP 7506 is a powerful heavy duty 3/4" wrench. It is compact and easy to handle, suited for continuous duty cycles.

Applications

Ideal for industries such as petrochemical, metals, motor vehicles, construction, and machinery/equipment, disassembly, maintenance and repair.

ATP 1010

The ATP 1010 is a heavy duty tool for high volume, heavy production.

Applications

Steel erection, heavy assembly/disassembly, mining and construction equipment maintenance. Also for general MRO applications found in foundries, petrochemical plants, mills, railroads, and heavy motor vehicle assembly plants.



ATP 7506
Three Jaw



ATP 1010
Three Jaw

5/8"-3/4" BOLT CAPACITY (16mm-19mm)

MODEL#	ATP 7506 PT-TH *	ATP7506 PT-RR
Torque Working Ft.-Lb	390	390
Max. Ft.-Lb	650	650
Handle Type	Pistol Grip	Pistol Grip
Data Shank	3/4" Sq.	3/4" Sq.
Retainer	Through Hole	Ring Retainer
Length In.	8.750	8.750
Weight	12.0 Lb.	12.0 Lb.
Hose Size	1/2"	1/2"
Equivalent To	CP0606SASAB	CP060SASAR

1 BOLT CAPACITY (25mm)

MODEL#	ATP 1010 EO-TH	ATP 1010 EO-5S	ATP 1010 EI-TH
Torque Working Ft.-Lb	950	950	950
Max. Ft.-Lb	1350	1350	1350
Handle Type	End Grip O-T	End Grip O-T	End Grip I-T
Data Shank	1" Sq.	#5 Spine	1" Sq.
Retainer	Through Hole	Button	Through Hole
Length In.	13.5"	14"	13.5"
Weight	20.5 Lb.	20.5 Lb.	20.5 Lb.
Hose Size	3/4"	3/4"	3/4"
Equivalent To	CP610GALED	CP610GALEL	CP610PALED