

ATP

Air Tools & Parts

ATP

Impact Sockets, Striking
Wrenches, and Accessories

THAXTON

Hydrostatic Test Plugs

Thor's

Construction Tools

2021

Pneumatic Tools - Parts - Motors - Accessories



HY-TECH

ENGINEERED SOLUTIONS



ATP

TOOLS, PARTS & SOCKETS
Super Duty Industrial
Pneumatic Tools,
Parts and Accessories
Since 1923

ATP

IMPACT SOCKETS
Striking Wrenches
and Accessories

Thor

CONSTRUCTION TOOLS
Legendary Construction
Air Tools Since 1886

THAXTON

HYDROSTATIC TEST PLUGS
High Pressure
Hydrostatic Test Plugs
thaxtonplugs.com

About **HY-TECH**

ENGINEERED SOLUTIONS

Hy-Tech started manufacturing air tool parts in Pittsburgh, PA in 1923. Our products under the brand names of **ATP, Thor and Thaxton** are sold in the U.S. and international markets.

We manufacture over **20,000** replacement parts offering the highest quality alternative to OEM parts and tools for many recognized brand names such as Ingersoll Rand, Chicago Pneumatic, Cleco, Top Cat and others. ATP tools and parts have a one year warranty against defects in material and workmanship. ATP standard sockets, striking wrenches, and some accessories are backed by our lifetime warranty against defects in material and workmanship. Thin walled sockets, hex driver sockets, adapters and universal joints are not lifetime warrantied.

Hy-Tech's manufacturing capabilities include the following:

- Specialize in small to mid-size precision component manufacturing
- 5-axis machining capability
- A combination of 100 CNC and manual machines
- A full range of gear types, sizes, and custom designs
- In house gear design with cutting, broaching, shaping, and hobbing capabilities
- 3D solid modeling design software
- Dynamometer for motor performance testing
- In house certified welding capabilities
- High capability vendors for heat treating, plating, and castings (sand, investment, and die) within a 90 mile radius of our plant
- Full turn key supplier capabilities

Additional company information can be viewed at www.hy-techinc.com

HY-TECH

ENGINEERED SOLUTIONS

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Custom Gear Manufacturing



The World's Most Extensive Line of Super Duty Impact Tools

Impact tools provide rotary motion from an air motor to an impact mechanism, delivering a series of impacting blows to apply torque to a threaded fastener.

Impact tools do not transmit torque reaction back to the operator enabling fasteners to be safely tightened to high torque values. Torque output is determined by the size of the tool, air pressure and SCFM, and the length of time the tool is impacting on the fastener.

Impact Tool Applications

Impact tools are used in applications in refineries, petrochemical plants, power generation plants, railroads, paper mills, heavy off-road equipment repair, mining, steel mills, steel fabrication and structural steel erection.

ATP Impact Mechanism / Clutch Basics

Twin Hammer:

Twin hammers strike balanced blows for more torque per pound than other mechanism designs. This simplified design performs well on both hard and soft draw applications, is less sensitive to air pressure changes, and has lower cost of maintenance.

Single "Jumbo" Hammer:

The single hammer mechanism performs similarly to the Twin Hammer, but uses a single hammer in operation.

Ball and Cam:

The precision ball and cam mechanism used in larger high output impact tools delivers powerful rotary impacts for high output and durability, and is ideal for both hard and soft draw applications.

Two Jaw:

The two jaw clutch delivers high energy per blow torque output with a high power to weight ratio. Excellent choice for tough MRO and assembly applications. Very good on soft and hard draw applications.

Model Nomenclature References:

PT = Pistol Grip/Trigger	TH = Through Hole Square Drive
EI = End Grip/Inside Trigger	5S = 5 Splines
EO = End Grip/Outside Trigger	RR = Ring Retainer
LT = Lever Throttle	1H = 1" Square Through Hole

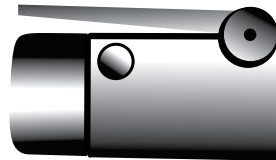
Example:

ATP 7560PT-TH = 3/4" drive, pistol grip, through hole anvil.

Where Impact Tool Models are Referenced:

- CP is a registered trademark of Chicago Pneumatic
- IR is a registered trademark of Ingersoll Rand

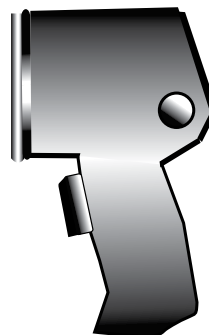
Lever Throttle



End Grip Outside Trigger



Pistol Grip



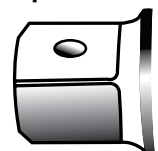
End Grip Inside Trigger



Spline Drive



Square Drive



ATP Impact Tool Selection Guide

ATP

The Best Impact Tools are Easy to Choose

The impact tool selection guide makes it easy to choose the correct tool for your applications.

1/2" - 3/4" Bolt Capacity (13mm - 19mm)

Model Series	Torque Range ft lb (Nm)	Page
50PT	275 (373) - 450 (610)	3
7560	560 (760) - 1,025 (1,389)	3
7520	800 (1,085) - 1,100 (1,491)	3
7527	1,500 (2,034) - 1,960 (2,657)	3

1" - 1-3/8" Bolt Capacity (25mm - 35mm)

Model Series	Torque Range ft lb (Nm)	Page
1011	1,800 (2,440) - 2,800 (3,796)	5
1034	1,100 (1,491) - 1,600 (2,169)	6
1040	1,600 (2,169) - 2,000 (2,711)	6
1043	2,000 (2,712) - 2,800 (3,796)	7
1045	2,700 (3,661) - 3,300 (4,474)	7

1-3/8" - 1-1/2" Bolt Capacity (35mm - 38mm)

Model Series	Torque Range ft lb (Nm)	Page
1520	2,500 (3,400) - 3,000 (4,067)	8
1550	2,500 (3,400) - 3,000 (4,067)	8
1555	3,200 (4,339) - 4,200 (5,694)	8

1-1/2" - 4" Bolt Capacity (38mm - 102mm)

Model Series	Torque Range ft lb (Nm)	Page
1580	5,900 (8,000) - 13,560 (18,383)	9
2582	10,000 (13,560) - 20,000 (27,114)	9
2588	25,000 (33,892) - 50,000 (67,784)	9
3599	42,000 (57,000) - 80,000 (108,500)	9

ATP Super Duty 1/2" & 3/4" Class Impact Tools

3/4" models available with 1" Drives



**New ATP Magnum
Impact 7527EI-TH**



**New ATP Magnum
Impact 7527PT-TH**



50PT-PR



7520PT-TH



7560PT-TH

1/2" - 3/4" Bolt Capacity (13mm - 19mm)

Models	Working Torque ft lb (Nm)	Max Torque ft lb (Nm)	Handle Type	Drive Size	Socket Retainer	Length in (mm)	Weight lb (kg)	Air Inlet / Hose ID in (mm)	Comparable To
ATP50PT-PR	275 (373)	450 (610)	Pistol Grip	1/2" Sq.	Pin & Ring Combo	6.8 (172.7)	5.6 (2.5)	1/4 NPT 3/8 (10)	IR2707P1
ATP7560PT-TH	560 (760)	1,000 (1356)	Pistol Grip	3/4" Sq.	Through Hole	7.6 (193.0)	11.6 (5.2)	3/8 NPT 1/2 (13)	CP6060-SASAB
ATP7560PT-1H	575 (780)	1,025 (1389)	Pistol Grip	1" Sq.	Through Hole	7.6 (193.0)	11.7 (5.3)	3/8 NPT 1/2 (13)	CP6060-SASAK
ATP7560PT-RR	560 (760)	1,000 (1356)	Pistol Grip	3/4" Sq.	Ring Retainer	7.6 (193.0)	11.6 (5.2)	3/8 NPT 1/2 (13)	CP6060-SASAR
ATP7520PT-TH	800 (1085)	1,100 (1491)	Pistol Grip	3/4" Sq.	Through Hole	12.5 (317.5)	12.0 (5.4)	3/8 NPT 1/2 (13)	IR2920P1
ATP7520PT-1H	800 (1085)	1,100 (1491)	Pistol Grip	1" Sq.	Through Hole	12.5 (317.5)	12.0 (5.4)	3/8 NPT 1/2 (13)	IR2920P3
ATP7527PT-TH	1,500 (2,034)	1,800 (2,440)	Pistol Grip	3/4" Sq.	Through Hole	8.9 (226.0)	12.2 (5.5)	3/8 NPT 3/4 (19)	IR2925RBP1Ti
ATP7527PT-1H	1,500 (2,034)	1,800 (2,440)	Pistol Grip	1" Sq.	Through Hole	9.0 (229.4)	11.3 (5.1)	3/8 NPT 3/4 (19)	IR2925RBP3Ti
ATP7527EI-TH	1,700 (2,305)	1,960 (2,657)	End Grip I-T	3/4" Sq.	Through Hole	12.0 (304.8)	14.5 (6.5)	3/8 NPT 3/4 (19)	N/A
ATP7527EI-1H	1,700 (2,305)	1,960 (2,657)	End Grip I-T	1" Sq.	Through Hole	12.1 (307.3)	13.5 (6.1)	3/8 NPT 3/4 (19)	IR2925RBP3Ti

All Magnum models are CE certified and have a corrosion resistant package standard, to resist corrosion buildup.

Magnum Force Impact Horizontal Hanger part number: 7527-2 (for 7527 series).

End grip models come with lift assist handle standard.

ATP MAGNUM STEEL FORCE...STRUCTURAL STEEL IMPACT TOOLS

ATP is pleased to announce its new **ATP MAGNUM STEEL FORCE STRUCTURAL STEEL IMPACT TOOLS**. These impacts feature an **industry leading power to weight ratio** far superior to other impacts and torque-controlled tools used for structural assembly, providing significant ergonomic benefits to operators using them throughout their day.

ATP MAGNUM STEEL FORCE impact tools **weigh just 13.5 lbs. or 40% less** than the most popular impacts used in structural steel assembly applications today. In addition to this industry leading power to weight benefit, **ATP MAGNUM STEEL FORCE** tools offer these industry leading features and benefits.

FEATURES

- 7 Vane rotor
- Single hammer impact mechanism
- Compact length and side to center
- Machined steel hammer case
- Available suspension bail
- Corrosion resistant feature
- Inside outside trigger models
- Industry preferred drive types

BENEFITS

- High power motor performance maximizing tool output
- Highest durability and performance with only 3 working parts
- Highest level of operator maneuverability and application access
- Super strength and long lasting high wear durability
- Ergonomic/safety benefit allowing tools to be tethered or suspended
- Working parts repel moisture in air lines and reduced repair costs
- Choice of both trigger types for operator preference for comfort and control
- Industry standard choice of 1" square and #5 spline drives



Model Specifications

Models	Rated Capacity Bolt Diameter in			Weight Less Socket lb. (kg)	Length in (mm)	Drive Type	Socket Retainer	Side to Center in (mm)	Air Inlet NPT in (mm)	Hose ID in (mm)
	Mild Steel	A325	A490							
ATP7527JEI-1H	1-3/8"	1-1/8"	1"	13.56 (6.15)	12.2" (309.0)	1" Square	Through Hole Ret Ring	1.68" (42.67)	1/2" (13.0)	3/4" (19.05)
ATP7527JEI-5S	1-3/8"	1-1/8"	1"	13.56 (6.15)	12.2" (309.0)	#5 Spline	Button and Ball Retention	1.68" (42.67)	1/2" (13.0)	3/4" (19.05)
ATP7527JEO-1H	1-3/8"	1-1/8"	1"	13.56 (6.15)	12.2" (309.0)	1" Square	Through Hole Ret Ring	1.68" (42.67)	1/2" (13.0)	3/4" (19.05)
ATP7527JEO-5S	1-3/8"	1-1/8"	1"	13.56 (6.15)	12.2" (309.0)	#5 Spline	Button and Ball Retention	1.68" (42.67)	1/2" (13.0)	3/4" (19.05)

ATP MAGNUM STEEL FORCE STRUCTURAL STEEL IMPACT TOOLS, ahead of your infrastructure tool needs!

ATP
TOOLS, PARTS & SOCKETS

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ATP Super Duty 1" Drive Class Impact Tools

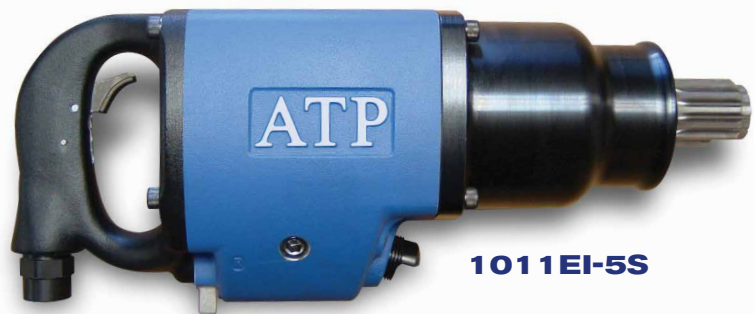
Available with #5 Spline Drive



1011PT-TH

1011 Series

- Two jaw clutch transfers high power
- Three piece housing for ease of repair
- Steel housing clutch design
- Integral muffler for noise reduction
- Great power to weight ratio
- Anti-corrosion package
- End grip models come with lift assist handle standard



1011EI-5S

1" - 1-3/8" Bolt Capacity (25mm - 35mm)

Models	Working Torque ft lb (Nm)	Max Torque ft lb (Nm)	Handle Type	Drive Size	Socket Retainer	Length in (mm)	Weight lb (kg)	Air Inlet / Hose ID in (mm)	Comparable To
ATP1011PT-TH	1,800 (2,440)	2,800 (3,796)	Pistol Grip	1" Sq.	Through Hole	10.7 (271.7)	23.1 (10.4)	1/2 NPT 3/4 (19)	CP0611-PRS
ATP1011PT-5S	1,800 (2,440)	2,800 (3,796)	Pistol Grip	#5 Spline	Button	10.7 (271.7)	23.1 (10.4)	1/2 NPT 3/4 (19)	CP0611
ATP1011EI-TH	1,800 (2,440)	2,800 (3,796)	End Grip I-T	1" Sq.	Through Hole	12.5 (317.5)	22.5 (10.2)	1/2 NPT 3/4 (19)	CP0611-PASED
ATP1011EO-TH	1,800 (2,440)	2,800 (3,796)	End Grip O-T	1" Sq.	Through Hole	12.5 (317.5)	22.5 (10.2)	1/2 NPT 3/4 (19)	CP0611-GASED
ATP1011EI-5S	1,800 (2,440)	2,800 (3,796)	End Grip I-T	#5 Spline	Button	12.5 (317.5)	22.5 (10.2)	1/2 NPT 3/4 (19)	CP0611-PASEL
ATP1011EO-5S	1,800 (2,440)	2,800 (3,796)	End Grip O-T	#5 Spline	Button	12.5 (317.5)	22.5 (10.2)	1/2 NPT 3/4 (19)	CP0611-GASEL

ATP Super Duty 1" Drive Class Impact Tools



Available with #5 Spline Drive



1034EI-THB9

1034 & 1040 Series

- High output twin hammer mechanisms
- Bronze end plates for increased motor durability
- Integral muffler for noise reduction
- Steel hammer case
- Three piece housing for ease of repair
- Available in pistol grip and end grip models
- Anti-corrosion package
- End grip models come with lift assist handle standard



1040EI-TH

1" - 1-3/8" Bolt Capacity (25mm - 35mm)

Models	Working Torque ft lb (Nm)	Max Torque ft lb (Nm)	Handle Type	Drive Size	Socket Retainer	Length in (mm)	Weight lb (kg)	Air Inlet / Hose ID in (mm)	Comparable To
ATP1034EI-TH	1,100 (1,491)	1,500 (2,034)	End Grip I-T	1" Sq.	Through Hole	11-1/4 (285.7)	19 (8.6)	1/2 NPT 3/4 (19)	IR2934B2
ATP1034E0-TH	1,100 (1,491)	1,500 (2,034)	End Grip O-T	1" Sq.	Through Hole	11-1/4 (285.7)	19 (8.6)	1/2 NPT 3/4 (19)	IR2934A2
ATP1034EI-5S	1,100 (1,491)	1,600 (2,169)	End Grip I-T	#5 Spline	Button	11-1/4 (285.7)	19 (8.6)	1/2 NPT 3/4 (19)	IR2934B1
ATP1034E0-5S	1,100 (1,491)	1,600 (2,169)	End Grip O-T	#5 Spline	Button	11-1/4 (285.7)	19 (8.6)	1/2 NPT 3/4 (19)	IR2934A1
ATP1034EI-THB9	500 (678)	750 (1,000)	End Grip I-T	1" Sq.	Through Hole	18-3/4 (476.2)	35.7 (16.1)	1/2 NPT 3/4 (19)	IR2934B9
ATP1040PT-TH	1,600 (2,169)	2,000 (2,711)	Pistol Grip	1" Sq.	Through Hole	9-7/8 (250.9)	24 (10.8)	1/2 NPT 3/4 (19)	IR2940P2
ATP1040PT-5S	1,600 (2,169)	2,000 (2,711)	Pistol Grip	#5 Spline	Button	9-7/8 (250.9)	24 (10.8)	1/2 NPT 3/4 (19)	IR2940P1
ATP1040EI-TH	1,600 (2,169)	2,000 (2,711)	End Grip I-T	1" Sq.	Through Hole	12-7/16 (314.9)	24 (10.8)	1/2 NPT 3/4 (19)	IR2940B2
ATP1040E0-TH	1,600 (2,169)	2,000 (2,711)	End Grip O-T	1" Sq.	Through Hole	12-7/16 (314.9)	24 (10.8)	1/2 NPT 3/4 (19)	IR2940A2
ATP1040EI-5S	1,600 (2,169)	2,000 (2,711)	End Grip I-T	#5 Spline	Button	12-7/16 (314.9)	24 (10.8)	1/2 NPT 3/4 (19)	IR2940B1
ATP1040E0-5S	1,600 (2,169)	2,000 (2,711)	End Grip O-T	#5 Spline	Button	12-7/16 (314.9)	24 (10.8)	1/2 NPT 3/4 (19)	IR2940A1

All impacts have a corrosion resistant package standard, to resist corrosion buildup.

ATP Super Duty 1" Drive Class Impact Tools

Available with #5 Spline Drive



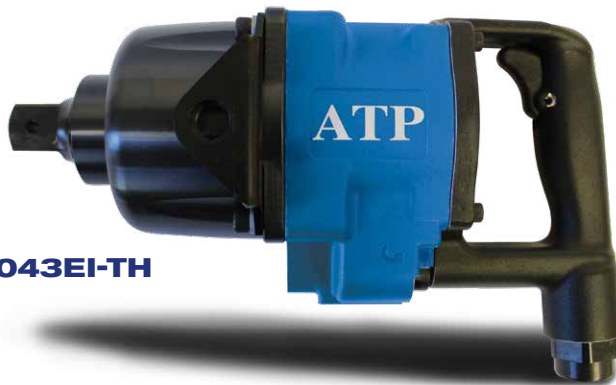
ATP Magnum Force A higher Force in Air Impact Tool Series

1043 & 1045 Series

- High output twin hammer mechanisms
- Bronze end plates for increased motor durability
- High output 7 vane motor
- Steel hammer case
- Integral muffler for noise reduction
- Three piece housing for ease of repair
- Anti-corrosion package
- End grip models come with lift assist handle standard



1045EI-TH



1043EI-TH

1" - 1-3/8" Bolt Capacity (25mm - 35mm)

Models	Working Torque ft lb (Nm)	Max Torque ft lb (Nm)	Handle Type	Drive Size	Socket Retainer	Length in (mm)	Weight lb (kg)	Air Inlet / Hose ID in (mm)	Comparable To
ATP1043EI-TH	2,000 (2,712)	2,800 (3,796)	End Grip I-T	1" Sq.	Through Hole	12.9 (327.6)	21.4 (9.7)	1/2 NPT 3/4 (19)	IR3940B2Ti
ATP1043E0-TH	2,000 (2,712)	2,800 (3,796)	End Grip O-T	1" Sq.	Through Hole	12.6 (320.0)	21.5 (9.7)	1/2 NPT 3/4 (19)	IR3940A2Ti
ATP1043EI-5S	2,000 (2,712)	2,800 (3,796)	End Grip I-T	#5 Spline	Button	13.4 (340.3)	21.8 (9.8)	1/2 NPT 3/4 (19)	IR3940B1Ti
ATP1043E0-5S	2,000 (2,712)	2,800 (3,796)	End Grip O-T	#5 Spline	Button	13.1 (332.7)	21.9 (9.9)	1/2 NPT 3/4 (19)	IR3940A1Ti
ATP1045EI-TH	2,700 (3,661)	3,300 (4,474)	End Grip I-T	1" Sq.	Through Hole	14.0 (355.6)	24.6 (11.1)	1/2 NPT 3/4 (19)	IR3942B2Ti
ATP1045EI-TH6	2,700 (3,661)	3,300 (4,474)	End Grip I-T	1" Sq.-6" Extd	Through Hole	20.0 (508.0)	24.9 (11.2)	1/2 NPT 3/4 (19)	N/A
ATP1045E0-TH	2,700 (3,661)	3,300 (4,474)	End Grip O-T	1" Sq.	Through Hole	13.7 (347.9)	24.7 (11.2)	1/2 NPT 3/4 (19)	IR3942A2Ti
ATP1045EI-5S	2,700 (3,661)	3,300 (4,474)	End Grip I-T	#5 Spline	Button	14.5 (368.3)	24.9 (11.2)	1/2 NPT 3/4 (19)	IR3942B1Ti
ATP1045E0-5S	2,700 (3,661)	3,300 (4,474)	End Grip O-T	#5 Spline	Button	14.3 (363.2)	25.0 (11.3)	1/2 NPT 3/4 (19)	IR3942A1Ti

All Magnum models are CE certified and have a corrosion resistant package standard, to resist corrosion buildup.
Magnum Force Impact Horizontal Hanger part number: 1045-2 (for 1043 & 1045 series).

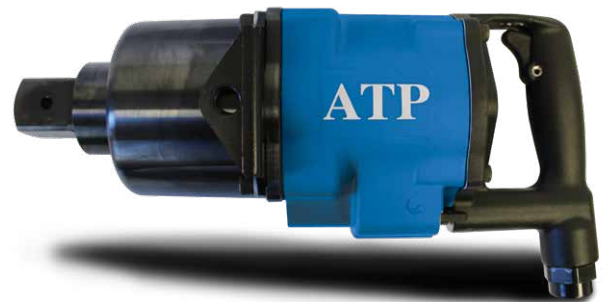
ATP Super Duty 1-1/2" Drive Class Impact Tools

Available with #5 Spline Drive



1555 Magnum Series Impacts & 1550 Series

- High output twin hammer mechanisms
- Bronze end plates for increased motor durability
- Model 1555 high output 7 vane motor
- Steel hammer case
- Integral muffler for noise reduction
- Three piece housing for ease of repair
- Anti-corrosion package
- End grip models come with lift assist handle standard



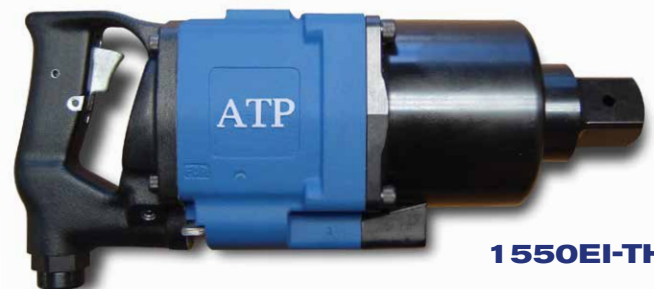
1555EI-TH

1520 Series

- Two jaw clutch transfers high power
- Steel clutch housing
- Integral muffler for noise reduction
- Three piece housing for ease of repair
- Anti-corrosion package
- End grip models come with lift assist handle standard



1520EO-5S



1550EI-TH

1-3/8" - 1-1/2" Bolt Capacity (35mm - 38mm)

Models	Working Torque ft lb (Nm)	Max Torque ft lb (Nm)	Handle Type	Drive Size	Socket Retainer	Length in (mm)	Weight lb (kg)	Air Inlet / Hose ID in (mm)	Comparable To
ATP1520EI-TH	2,500 (3,400)	3,000 (4,067)	End Grip I-T	1-1/2" Sq.	Through Hole	14.7 (373.3)	33.7 (15.2)	1/2 NPT 3/4 (19)	CP6120-PASED
ATP1520EI-5S	2,500 (3,400)	3,000 (4,067)	End Grip I-T	#5 Spline	Button	14.7 (373.3)	33.7 (15.2)	1/2 NPT 3/4 (19)	CP6120-PASEL
ATP1520EO-5S	2,500 (3,400)	3,000 (4,067)	End Grip I-T	#5 Spline	Button	14.7 (373.3)	33.7 (15.2)	1/2 NPT 3/4 (19)	CP6120-PASEL
ATP1550EI-TH	2,500 (3,400)	3,000 (4,067)	End Grip I-T	1-1/2" Sq.	Through Hole	14.5 (368.3)	33.0 (14.9)	1/2 NPT 3/4 (19)	IR2950B7
ATP1550EO-TH	2,500 (3,400)	3,000 (4,067)	End Grip O-T	1-1/2" Sq.	Through Hole	14.5 (368.3)	33.0 (14.9)	1/2 NPT 3/4 (19)	IR2950A7
ATP1550EI-5S	2,500 (3,400)	3,000 (4,067)	End Grip I-T	#5 Spline	Button	14.5 (368.3)	33.0 (14.9)	1/2 NPT 3/4 (19)	IR2950B1
ATP1550EO-5S	2,500 (3,400)	3,000 (4,067)	End Grip O-T	#5 Spline	Button	14.5 (368.3)	33.0 (14.9)	1/2 NPT 3/4 (19)	IR2950A1
ATP1555EI-TH	3,200 (4,339)	4,200 (5,694)	End Grip I-T	1-1/2" Sq.	Through Hole	16.2 (411.4)	35.5 (16.1)	1/2 NPT 3/4 (19)	IR3955A2Ti
ATP1555EO-TH	3,200 (4,339)	4,200 (5,694)	End Grip O-T	1-1/2" Sq.	Button	16.2 (411.4)	35.6 (16.1)	1/2 NPT 3/4 (19)	IR3955B1Ti
ATP1555EI-5S	3,200 (4,339)	4,200 (5,694)	End Grip I-T	#5 Spline	Through Hole	16.8 (426.7)	35.5 (16.1)	1/2 NPT 3/4 (19)	IR3955B2Ti
ATP1555EO-5S	3,200 (4,339)	4,200 (5,694)	End Grip O-T	#5 Spline	Button	16.8 (426.7)	35.6 (16.1)	1/2 NPT 3/4 (19)	IR3955A1Ti

All Magnum models are CE certified and have a corrosion resistant package standard, to resist corrosion buildup.
Magnum Force Impact Horizontal Hanger part number: 1555-2 (for 1555 series).

ATP Super Duty “Heavy Hitters” Impact Tools

Available in 1-1/2", 2-1/2" and 3-1/2" Drive Sizes



1580LT-TH

1580 Series

- Precision ball and cam mechanism
- Built-in lubricator
- Vertical and horizontal hangers
- Assist handle
- Anti-corrosion package
- CE certified



2588LT-TH

2582 & 2588

- Precision ball and cam mechanism
- Built-in lubricator
- Vertical and horizontal hangers
- Assist handle
- Anti-corrosion package



3599LT-TH

3599

“The Worlds Most Powerful Impact Tool”

- Precision ball and cam mechanism
- Built-in lubricator
- Vertical and horizontal hangers
- Assist handle
- Anti-corrosion package

1-1/2" - 4" Bolt Capacity (38mm - 102mm)

Models	Working Torque ft lb (Nm)	Max Torque ft lb (Nm)	Handle Type	Drive Size	Socket Retainer	Length in	Weight lb	Air Inlet / Hose ID in (mm)	Comparable To
ATP1580LT-TH	5,900 (8,000)	13,560 (18,383)	T-Handle Lever	1-1/2" Sq.	Through Hole	23.0 (584.2)	88.0 (39.9)	3/4 NPT 1 (25)	IR5980A1
ATP2582LT-TH	10,000 (13,560)	20,000 (27,114)	T-Handle Lever	2-1/2" Sq.	Through Hole	25.4 (645.1)	120.0 (54.4)	3/4 NPT 1 (25)	IR5982A1
ATP2588LT-TH	25,000 (33,892)	50,000 (67,784)	T-Handle Lever	2-1/2" Sq.	Through Hole	26.6 (675.6)	215.0 (97.5)	1 NPT 1 (25)	IR588A1
ATP3599LT-TH	42,000 (57,000)	80,000 (108,500)	T-Handle Lever	3-1/2" Sq.	Through Hole	37.5 (952.5)	599.0 (271.7)	1-1/4 NPT 1-1/2 (38)	IR599A1

ATP New Cyclone Die Grinders

.5 and 1 HP Tools



ATP steel housing collet die grinders are available in two horsepower offerings, to help you get the job done in the most demanding applications and environments.

These tools excel in metal finishing applications powering mounted burrs.



DG122S-1/4



DG122S-1/4-E



ATP4420

Die Griner Specifications

Models	Rated HP (kW)	Free Speed RPM	Throttle Lever Type	Spindle Output	Wheel Type	Overall Length in (mm)	Net Weight lb (kg)	Air Inlet / Hose ID in (mm)	Exhaust
ATP4420	0.5 (0.37)	23,000	Lever	1/4" Collet	Mounted Burrs	6.8 (172.7)	1.7 (0.77)	1/4 NPT 3/8 (10)	Front
DG122S-1/4	1.0 (0.75)	22,000	Lever	1/4" Collet	Mounted Burrs	6.5 (165.1)	2.6 (1.2)	1/4 NPT 3/8 (10)	Front
DG122S-1/4-E	1.0 (0.75)	22,000	Lever	1/4" Collet	Mounted Burrs	12.2 (309.8)	3.6 (1.6)	1/4 NPT 3/8 (10)	Front

Standard equipment; 1/4" collet and lock-off lever throttle.

ATP New Cyclone Angle Grinders

0.5, 1.0 and 2.0 HP



ATP new Cyclone series of angle grinders are a complete range of tools to help you get the job done in the most demanding applications and environments.

These angle grinders excel in metal finishing applications powering Type 1, 27, 28 grinding wheels.



A513S-D4



A112S-D5



A208S-D9

Angle Grinder Specifications

Models	Rated HP (kW)	Free Speed RPM	Throttle Lever Type	Spindle Output	Wheel Diameter in (mm)	Wheel Type & Thickness	Overall Length in (mm)	Net Weight lb (kg)	Air Inlet NPT	Hose ID In (mm)	Exhaust
A513S-D4	0.8 (0.6)	13,500	Lever	3/8"-24	4.0 (101)	1, 27 & 28 - 1/4	9.4 (240)	4.0 (1.8)	3/8"	3/8 (9.5)	Side
A112S-D4.5	1.2 (0.90)	12,000	Lever	5/8"-11	4.5 (114)	1, 27 & 28 - 1/4	10.3 (261)	4.1 (1.9)	3/8"	3/8 (9.5)	Side
A112S-D5	1.2 (0.90)	12,000	Lever	5/8"-11	5.0 (127)	1, 27 & 28 - 1/4	10.3 (261)	4.1 (1.9)	3/8"	3/8 (9.5)	Side
A208S-D7	2.0 (1.4)	8,400	Lever	5/8"-11	7.0 (179)	1, 27 & 28 - 1/4	10.3 (261)	6.9 (3.1)	3/8"	1/2 (12.7)	Side
A208S-D9	2.0 (1.4)	8,400	Lever	5/8"-11	9.0 (229)	1, 27 & 28 - 1/4	10.3 (261)	6.9 (3.1)	3/8"	1/2 (12.7)	Side

All models are CE certified.

ATP Cyclone Horizontal Grinders

1.2 HP 1200 Series

ATP Cyclone 1200 series horizontal grinders have set the standard for high performance rugged production grinders used in fabrication shops, fabricated metal plants, petrochemical maintenance, shipyards, foundries, and many other markets.

The extensive product range offers speeds and spindle configurations to improve operator productivity.



1215S-R4



1215S-C



1215S-1/4

Horizontal Grinder Specifications

Models	Rated HP (kW)	Free Speed RPM	Throttle Lever Type	Spindle Output	Wheel Guard Dia. in (mm)	Wheel Type Maximum Thickness	Overall Length in (mm)	NetAir Inlet Weight lb (kg)	Exhaust Hose ID in (mm)	
1215S-1/4	1.2 (0.9)	15,000	Lever	1/4" Collet	*N/R	Mounted Burrs	17.5 (444.5)	5.5 (2.5)	3/8 NPT 3/8 (10)	Side
1215S-3/8	1.2 (0.9)	15,000	Lever	3/8" Collet	*N/R	Mounted Burrs	17.5 (444.5)	5.5 (2.5)	3/8 NPT 3/8 (10)	Side
1215S-C	1.2 (0.9)	15,000	Lever	3/8"-24	Cone	Cone Wheels	16.1 (408.9)	5.3 (2.4)	3/8 NPT 3/8 (10)	Side
1215S-R3	1.2 (0.9)	15,000	Lever	3/8"-24	3" (76)	1 (1/2")	16.7 (424.1)	5.9 (2.7)	3/8 NPT 3/8 (10)	Side
1215S-R4	1.2 (0.9)	15,000	Lever	3/8"-24	4" (101)	1 (1/4")	16.7 (424.1)	6 (2.7)	3/8 NPT 3/8 (10)	Side
1218S-1/4	1.2 (0.9)	18,000	Lever	1/4" Collet	*N/R	Mounted Burrs	17.5 (444.5)	5.5 (2.5)	3/8 NPT 3/8 (10))	Side
1218S-3/8	1.2 (0.9)	18,000	Lever	3/8" Collet	*N/R	Mounted Burrs	17.5 (444.5)	5.5 (2.5)	3/8 NPT 3/8 (10)	Side
1218S-C	1.2 (0.9)	18,000	Lever	3/8"-24	Cone	Cone Wheels	16.1 (408.9)	5.3 (2.4)	3/8 NPT 3/8 (10)	Side
1218S-R3	1.2 (0.9)	18,000	Lever	3/8"-24	3" (76)	1 (1/2")	16.7 (424.1)	5.9 (2.7)	3/8 NPT 3/8 (10)	Side

Standard equipment on all models: standard guard size per wheel diameter (guard not required with collet tools) and safety lock-off lever.

All 1200 series tools have governed motors.

*N/R: Not Required

Other Model Options Available: Build your desired model

Series	Free Speed RPM	Side Exhaust	Spindle Output
12	09 = 9,000	S	1/4 = 1/4" Collet
12	12 = 12,000	S	3/8 = 3/8" Collet
12	15 = 15,000	S	C = Cone Wheel
12	18 = 18,000	S	R3 = 3" Type 1 Guard
			R4 = 4" Type 1 Guard

Model Example: 1209S-3/8 = 12 series, 9000 rpm, side exhaust, 3/8" collet

ATP Cyclone Heavy Duty Extended Horizontal Grinders

1.2 HP E1200HD Series



ATP Cyclone E1200HD series heavy duty extended horizontal grinders have set the standard for high performance rugged production grinders used for finishing castings in foundries and other unique applications. **The heavy duty double row spindle bearings and dust cover provide robust durability in the most demanding metal finishing applications.**

The extensive product range offers heavy duty extensions of 7", 13", 26", and 36" in speeds and spindle configurations to allow the operator to work in confined longer reach applications.



E1215S-13HD-1/4



Heavy Duty Double Row Spindle Bearings and Cover on all HD Models



E1212S-26HD-1/4

Extended Grinder Specifications

Models	Rated HP (kW)	Free Speed RPM	Throttle Type	Spindle Output	Overall Length in (mm)	Extension Length in (mm)	Net Weight lb (kg)	Extension Diameter in	Air Inlet / Hose ID in (mm)	Exhaust
E1218S-7HD-1/4	1.2 (0.9)	18,000	Lever	1/4" Collet	20.5 (520.7)	7.0 (177.8)	5.6 (2.5)	1-3/8	3/8 NPT 3/8 (10)	Side
E1218S-7HD-C	1.2 (0.9)	18,000	Lever	3/8"-24	19.0 (482.6)	7.0 (177.8)	5.4 (2.4)	1-3/8	3/8 NPT 3/8 (10)	Side
E1215S-13HD-1/4	1.2 (0.9)	15,000	Lever	1/4" Collet	26.5 (673.1)	13.0 (330.2)	7.2 (3.3)	1-3/8	3/8 NPT 3/8 (10)	Side
E1215S-13HD-3/8	1.2 (0.9)	15,000	Lever	3/8" Collet	26.5 (673.1)	13.0 (330.2)	7.2 (3.3)	1-3/8	3/8 NPT 3/8 (10)	Side
E1212S-26HD-1/4	1.2 (0.9)	12,000	Lever	1/4" Collet	40.0 (1016.0)	26.0 (660.4)	9.4 (4.3)	1-3/8	3/8 NPT 3/8 (10)	Side
E1212S-26HD-C	1.2 (0.9)	12,000	Lever	3/8"-24	38.5 (977.9)	26.0 (660.4)	9.2 (4.2)	1-3/8	3/8 NPT 3/8 (10)	Side
E1212S-36HD-3/8	1.2 (0.9)	12,000	Lever	3/8" Collet	50.0 (1270.0)	36.0 (914.4)	11.3 (5.1)	1-3/8	3/8 NPT 3/8 (10)	Side
E1212S-36HD-C	1.2 (0.9)	12,000	Lever	3/8"-24	48.5 (1231.9)	36.0 (914.4)	11.1 (5.0)	1-3/8	3/8 NPT 3/8 (10)	Side

All E1200 series tools have governed motors.
Safety Lock-Off Lever Standard.

Other Model Options Available: Build your desired model

Series	Free Speed RPM	Side Exhaust	Extension Length	Spindle Output
E12	09 = 9,000	S	7HD = 7"	1/4 = 1/4" Collet
E12	12 = 12,000	S	13HD = 13"	3/8 = 3/8" Collet
E12	15 = 15,000	S	26HD = 26"	C = Cone Wheel
E12	18 = 18,000	S	36HD = 36"	

Model Example: E1209S-13HD-C = E12 series, 9,000 rpm, side exhaust, 13" heavy-duty bearing extended housing, cone wheel

Non standard lengths available upon request

ATP Cyclone Extended Horizontal Grinders

1.2 HP E1200 Series

ATP Cyclone E1200 series extended horizontal grinders have set the standard for high performance rugged production grinders used in finishing castings in foundries and other unique finishing applications.

The extensive product range offers extensions of 7", 13", 26", and 36" in speeds and spindle configurations to allow the operator to work in confined longer reach applications.



Extended Grinder Specifications

Models	Rated HP (kW)	Free Speed RPM	Throttle Type	Spindle Output	Overall Length in (mm)	Extension Length in (mm)	Net Weight lb (kg)	Extension Diameter in	Air Inlet / Hose ID in (mm)	Exhaust
E1218S-7-1/4	1.2 (0.9)	18,000	Lever	1/4" Collet	20.5 (520.7)	7.0 (177.8)	5.6 (2.5)	1.00	3/8 NPT 3/8 (10)	Side
E1218S-7-C	1.2 (0.9)	18,000	Lever	3/8"-24	19.0 (482.6)	7.0 (177.8)	5.4 (2.4)	1.00	3/8 NPT 3/8 (10)	Side
E1215S-13-1/4	1.2 (0.9)	15,000	Lever	1/4" Collet	26.5 (673.1)	13.0 (330.2)	7.2 (3.3)	1.00	3/8 NPT 3/8 (10)	Side
E1215S-13-3/8	1.2 (0.9)	15,000	Lever	3/8" Collet	26.5 (673.1)	13.0 (330.2)	7.2 (3.3)	1.00	3/8 NPT 3/8 (10)	Side
E1212S-26-1/4	1.2 (0.9)	12,000	Lever	1/4" Collet	40.0 (1016.0)	26.0 (660.4)	9.4 (4.3)	1.00	3/8 NPT 3/8 (10)	Side
E1212S-26-C	1.2 (0.9)	12,000	Lever	3/8"-24	38.5 (977.9)	26.0 (660.4)	9.2 (4.2)	1.00	3/8 NPT 3/8 (10)	Side
E1212S-36-3/8	1.2 (0.9)	12,000	Lever	3/8" Collet	50.0 (1270.0)	36.0 (914.4)	11.3 (5.1)	1.00	3/8 NPT 3/8 (10)	Side
E1212S-36-C	1.2 (0.9)	12,000	Lever	3/8"-24	48.5 (1231.9)	36.0 (914.4)	11.1 (5.0)	1.00	3/8 NPT 3/8 (10)	Side

All E1200 series tools have governed motors.

Safety Lock-Off Lever Standard

Other Model Options Available: Build your desired model

Series	Free Speed RPM	Side Exhaust	Extension Length	Spindle Output
E12	09 = 9,000	S	7 = 7"	1/4 = 1/4" Collet
E12	12 = 12,000	S	13 = 13"	3/8 = 3/8" Collet
E12	15 = 15,000	S	26 = 26"	C = Cone Wheel
E12	18 = 18,000	S	36 = 36"	

Model Example: E1209S-13-C = E12 series, 9,000 rpm, side exhaust, 13" standard bearing extended housing, cone wheel

Non standard lengths available upon request

ATP New Cyclone 3HP Vertical Grinders



ATP New Cyclone 3 HP vertical grinders set a new performance standard in rugged high output governed vane motor air grinders for use in the most demanding heavy metal removal and metal finishing applications. These tools feature true 3 HP output.



Features

- Safety lock-off lever throttle
- Stainless steel corrosion resistant governors
- Rugged permanent mold cast housings are highly durable in extreme environments
- Ease of service design



ATP360VL-6



ATP360VL-7

Vertical Grinder Specifications

Models	Rated HP (kW)	Free Speed rpm	Wheel Type	Wheel Diameter in (mm)	Weight Less Guard lb (kg)	Height to Flange Bottom in (mm)	Side to Center in (mm)	Spindle Thread in	Air Inlet NPT/ Hose ID in (mm)
ATP360VL-6	3.0 (2.2)	6,000	6" Cup	6.0" (152)	10.25 (4.65)	6.88" (175)	8.25" (210)	5/8"-11	1/2" 3/4" (19)
ATP360VL-7	3.0 (2.2)	6,000	27 & 28 - 1/4"	7.0" (178)	10.25 (4.65)	6.88" (175)	8.25" (210)	5/8"-11	1/2" 3/4" (19)
ATP385VL-7	3.0 (2.2)	8,500	27 & 28 - 1/4"	7.0" (178)	10.25 (4.65)	6.88" (175)	8.25" (210)	5/8"-11	1/2" 3/4" (19)
ATP360VL-9	3.0 (2.2)	6,000	27 & 28 - 1/4"	9.0" (229)	10.75 (4.88)	6.88" (175)	8.25" (210)	5/8"-11	1/2" 3/4" (19)

Standard equipment on all models: standard guard size per wheel diameter, 2" wheel flange and spindle nut, spindle wrench 1100-200 (2") and 1102-015 (5/32") allen type wrench

ATP New Cyclone 4 HP Vertical Grinders



ATP 4 HP vertical grinders continue to stand the test of time as high performance durable tools used in the most demanding heavy metal removal and finishing applications.



Features

- Safety lock-off lever throttle
- Stainless steel corrosion resistant governors
- Rugged permanent mold cast housings are highly durable in extreme environments
- Ease of service design



ATP460VL-6



ATP460VL-9

Vertical Grinder Specifications

Models	Rated hp (kW)	Free Speed rpm	Wheel Type	Wheel Diameter in (mm)	Weight Less Guard lb (kg)	Height to Flange Bottom in (mm)	Side to Center in (mm)	Spindle Thread in	Air Inlet NPT/ Hose ID in (mm)	
ATP460VL-6	4.0 (3.0)	6,000	6" Cup	6.0" (152)	12.00 (5.44)	6.88" (175)	8.25" (210)	5/8"-11	1/2"	3/4" (19)
ATP460VL-7	4.0 (3.0)	6,000	27 & 28 - 1/4"	7.0" (178)	12.00 (5.44)	6.88" (175)	8.25" (210)	5/8"-11	1/2"	3/4" (19)
ATP485VL-7	4.0 (3.0)	8,500	27 & 28 - 1/4"	7.0" (178)	12.00 (5.44)	6.88" (175)	8.25" (210)	5/8"-11	1/2"	3/4" (19)
ATP460VL-9	4.0 (3.0)	6,000	27 & 28 - 1/4"	9.0" (229)	12.50 (5.67)	6.88" (175)	8.25" (210)	5/8"-11	1/2"	3/4" (19)

Standard equipment on all models: standard guard size per wheel diameter, 2" wheel flange and spindle nut, spindle wrench and allen type wrench

ATP New Cyclone 3HP & 4HP Horizontal Grinders



ATP New Cyclone 3 & 4 HP horizontal grinders set a new performance standard in rugged high output governed vane motor air grinders for use in the most demanding heavy metal removal and metal finishing applications. These tools feature true 3 & 4 HP output.



Features

- Safety lock-off lever throttle
- Stainless steel corrosion resistant governors
- Rugged permanent mold cast housings are highly durable in extreme environments
- Ease of service design
- “Techalloy” housing provides the ultimate in reduced weight and strength.



Horizontal Grinder Specifications

Models	Rated hp (kW)	Free Speed RPM	Wheel Guard Size	Wheel Type and Size	Weight Less Guard lb (kg)	Length to Flange in (mm)	Side to Center in (mm)	Air Inlet NPT	Hose ID in (mm)
ATP360HL-6	3.0 (2.2)	6,000	1" x 1"	6"	12.2 (5.5)	20.7" (527)	5/8"-10	1/2"	3/4" (19)
ATP378HL-6	3.0 (2.2)	7,800	1" x 1"	6"	12.2 (5.5)	20.7" (527)	5/8"-11	1/2"	3/4" (19)
ATP360HL-8	3.0 (2.2)	6,000	1" x 1"	8"	12.2 (5.5)	20.7" (527)	5/8"-12	1/2"	3/4" (19)
ATP378HG-6	3.0 (2.2)	7,800	1" x 1"	6"	13.0 (5.9)	20.7" (527)	5/8"-13	1/2"	3/4" (19)
ATP360HG-8	3.0 (2.2)	6,000	1" x 1"	8"	13.0 (5.9)	20.7" (527)	5/8"-14	1/2"	3/4" (19)
ATP460HL-6	4.0 (3.0)	6,000	1" x 1"	6"	13.0 (5.9)	22.2" (565)	5/8"-15	1/2"	3/4" (19)
ATP478HL-6	4.0 (3.0)	7,800	1" x 1"	6"	13.0 (5.9)	22.2" (565)	5/8"-15	1/2"	3/4" (19)
ATP460HL-8	4.0 (3.0)	6,000	1" x 1"	8"	13.0 (5.9)	22.2" (565)	5/8"-16	1/2"	3/4" (19)
ATP478HG-6	4.0 (3.0)	7,800	1" x 1"	6"	14.0 (6.4)	22.2" (565)	5/8"-17	1/2"	3/4" (19)
ATP460HG-8	4.0 (3.0)	6,000	1" x 1"	8"	14.0 (6.4)	22.2" (565)	5/8"-18	1/2"	3/4" (19)

Standard equipment on all models: standard guard size per wheel diameter (guard not required with cone wheels), 2" wheel flange and spindle nut, spindle wrench and allen type wrench.

ATP Rammers



ATP rammers are ideally suited for foundry and refractory applications.

Features

T2BA:

- Adjustable packing nut to reduce air blow-by for maximum power.
- Aluminum backhead to reduce weight.

T241F:

- Self cleaning rocker valve for increased performance.
- Adjustable packing nut to reduce air blow by for maximum power.
- Muffler to reduce noise to the operator.

T2BA



T241F-3-1/4R



Rammer Specifications

Models	Bore x Stroke in (mm) x in (mm)	BPM	Length in (mm)	Weight lb (kg)	Butt Diameter in (mm)	Air Inlet / Hose ID in (mm)
T2BA	1 (25) x 2-1/2 (63)	1,725	15-3/4 (400)	7.7 (3.5)	2-1/2 (64)	1/4 NPT 3/8 (10)
T241F-3-1/4R	1-5/16 (33) x 4 (102)	1,590	52-3/4 (1,370)	28.9 (13.1)	3-1/4 (76)	1/2 NPT 1/2 (13)

Standard Butts: Rubber

T2BA Optional Butts:

- 1-3/4" Rubber
- 2-1/2" Steel
- 5" Rubber
- Other butt sizes available upon request

T241F Optional Butts:

- 3" Rubber
- 3" Malleable
- 3" Aluminum
- 5" Rubber
- Other butt sizes available upon request

ATP Scaler Tools



ATP needle and chisel scalers are offered in a compact design for close quarter work removing weld flux, paint, scale, weld spatter, rust and other residue from a variety of irregular surfaces in fabrication shops, shipyards foundries, refineries, construction sites and MRO applications.

Features

- Rugged design and precision manufacturing specifications make these scalers last longer with low maintenance costs.
- Model A-1ALT scaler quickly converts to a needle scaler for better tool utilization.



**A-1ALT
Weld Flux Scaler**



**A-1ALTNS
Needle Scaler**

Scaler Specifications

Models	Scaler Model Type	Throttle Type	Bore x Stroke in (mm) x in (mm)	BPM	Weight lb (kg)	Length in (mm)	Air Inlet / Hose ID in (mm)
A-1ALT	Weld Flux Scaler	Lever	1 (25.4) x 1-1/8 (28.8)	4,600	4.4 (2.0)	9-3/8 (238)	1/4 NPT 3/8 (10)
A-1ALTNS	Needle Scaler	Lever	1 (25.4) x 1-1/8 (28.8)	4,600	6.2 (2.8)	17.0 (432)	1/4 NPT 3/8 (10)

Equipment at extra price: needle scaler attachment, part number 51465. Used to convert A-1ALT weld flux scaler into A-1ALTNS needle scaler.

ATP Chipping Hammers



Favored by both contractors and industrial users, ATP 4 bolt pneumatic chipping hammers are heavy duty tools for the most demanding applications. Their crisp, smooth valve operation produces extra hard hitting power, while the heat treated alloy steel cylinder and piston provide long life.

Features

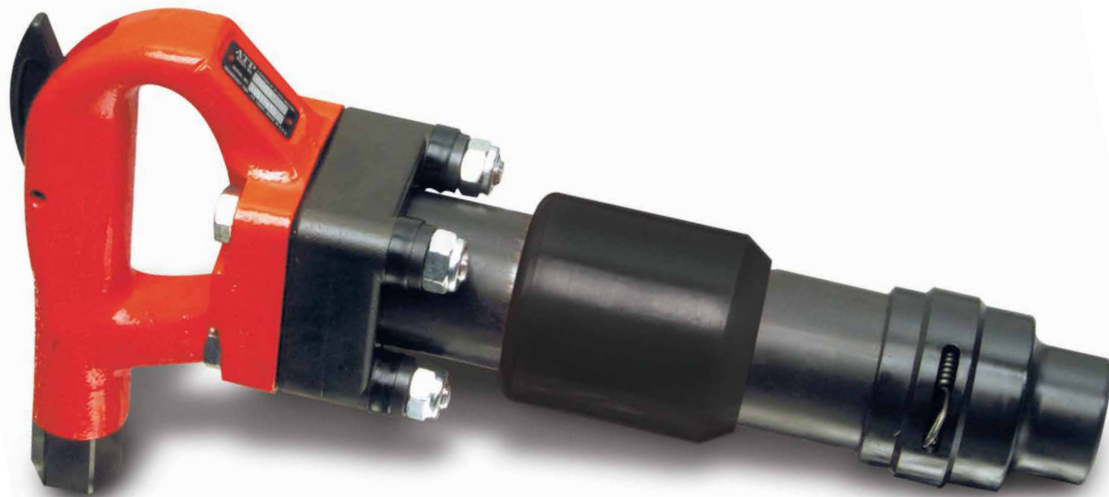
- Heavy duty 4 bolt steel handles
- Available with either hex or round chisel bushings

Standard Equipment:

- Oval Collar Retainer P/N 250012-525
- Spring P/N 250012-529
- Exhaust Deflector Extension Tool P/N 3CH-932

Optional Equipment:

- Nozzle Bushing Removal Tool P/N 3CH-931
- 1/2" Hose Barb Inlet



Chipping Hammer Specifications

Models	Weight lb (kg)	Overall Length in (mm)	BPM	Bore x Stroke in	Chisel Bushing	CFM	Air Inlet / Hose ID in (mm)
ATP-2HBC	17.2 (7.8)	14 (365)	2,200	1-1/8 x 3.03	.580 Hex	34 cfm	1/2 NPT 1/2 (13)
ATP-2RBC	17.2 (7.8)	14 (365)	2,200	1-1/8 x 3.03	.680 Round	34 cfm	1/2 NPT 1/2 (13)
ATP-3HBC	18.5 (8.4)	15-1/4 (400)	1,900	1-1/8 x 3.70	.580 Hex	33 cfm	1/2 NPT 1/2 (13)
ATP-3RBC	18.5 (8.4)	15-1/4 (400)	1,900	1-1/8 x 3.70	.680 Round	33 cfm	1/2 NPT 1/2 (13)
ATP-4HBC	19.5 (8.8)	16-1/2 (425)	1,500	1-1/8 x 4.02	.580 Hex	30 cfm	1/2 NPT 1/2 (13)
ATP-4RBC	19.5 (8.8)	16-1/2 (425)	1,500	1-1/8 x 4.02	.680 Round	30 cfm	1/2 NPT 1/2 (13)

All models are CE certified

Thor Breakers



Legendary Construction
Air Tools Since 1886

Thor Breakers

Thor Breakers, available in the 30, 60 and 90 lb Class, are "Tools as Tough as their name". The 30 lb class Thor 17 Breakers are light weight rugged tools designed for light to medium construction and plant maintenance work such as demolition of floors, pavement, masonry walls, black top and frozen dirt. The 17 is also an excellent choice for bridge deck demolition work.

The 60 lb class Thor 234 and the 90 lb class Thor 125 breakers are designed to deliver the performance and endurance necessary for a variety of heavy duty construction and plant maintenance applications, such as breaking rock, concrete, reinforced concrete, frozen earth and pavement.

Features of all Thor Breakers:

- Alloy steel forgings
- Precision American machined parts for long life
- Rugged 4 bolt design for extra duty service
- Continuous lubrication provided by internal oilers for long service life
- Air inlet swivel for maneuverability



17
(30lb Class)



234-1.125
(60lb Class)



125-1.125
(90lb Class)

Paving Breaker Specifications

Models	Chuck Size in	Bore x Stroke in (mm) x in (mm)	BPM	Length in (mm)	Weight lb (kg)	CFM	Air Inlet
17	7/8 x 3-1/4	1-3/4 (44) x 3-3/8 (86)	1,550	22-1/2 (572)	32 (14.5)	46	3/8 NPT, male
17-1	1 x 4-1/4	1-3/4 (44) x 3-3/8 (86)	1,550	22-1/2 (572)	32 (14.5)	46	3/8 NPT, male
234-1.125	1-1/8 x 6	2-1/4 (57) x 4-3/32 (104)	1,400	25-5/8 (651)	67 (30)	60	3/8 NPT, male
234-1.25	1-1/4 x 6	2-1/4 (57) x 4-3/32 (104)	1,400	25-5/8 (651)	67 (30)	60	3/8 NPT, male
125-1.125	1-1/8 x 6	2-5/8 (66.67) x 6-1/16 (154)	1,250	28-3/4 (730)	92 (42)	80	3/8 NPT, male
125-1.25	1-1/4 x 6	2-5/8 (66.67) x 6-1/16 (154)	1,250	28-3/4 (730)	92 (42)	80	3/8 NPT, male

Thor Clay Diggers



Legendary Construction
Air Tools Since 1886



Thor 18 "Digger"

Thor 18CD is a dropped forged clay digger recommended for digging clay in packed soil from around footings, forms and other construction areas. It's 29 lb weight makes it a hard hitting tool, making quick work of the task at hand.

Features

- Alloy steel forgings
- Heat treated alloy steel components
- Slim design for work in tight areas
- Latch retainer for positive retention and quick change of accessories
- Swivel air inlet for operator comfort
- Closed grip handle with lever throttle



18CD-.875

Clay Digger Specifications

Models	Chuck Size in	Bore in (mm)	BPM	Length in (mm)	Weight lb (kg)	CFM	Air Inlet
18CD-.875	7/8 Hex x 3-1/4	1-3/4 (44.8)	1,500	22-3/4 (583)	29 (13)	38	3/8 NPT, male
18CD-1	1 Hex x 4-1/4	1-3/4 (44.8)	1,500	22-3/4 (583)	29 (13)	38	3/8 NPT, male

Thor Rivet Busters

8" and 11" Stroke Models

Thor RB-08 and RB-11 demolition tools are ideal for medium to heavy concrete demolition on bridge decks, parking garage columns, bridge pillars, and rivet and bolt cutting applications.

Features

- Closed grip with inside trigger provides operator comfort and trigger protection
- Hardened steel piston and cylinder for excellent wear and life
- Uses industry standard 11x Jumbo steel
- Tease throttle for exceptional start and control
- Internal piston safety retainer



RB-11

Rivet Buster Specifications

Models	Bore x Stroke in (mm) x in (mm)	BPM	Length in (mm)	Weight lb (kg)	Chisel Shank	CFM	Air Inlet / Hose ID in (mm)
RB-08	1-3/16 (30) x 8 (203)	980	22-1/2 (572)	30 (13.61)	Jumbo	44	1/2 NPT 1/2 (13)
RB-11	1-3/16 (30) x 11 (279)	850	25-1/2 (648)	33 (15)	Jumbo	50	1/2 NPT 1/2 (13)

Thor Back Fill Tamper

Thor's 6T Backfill Tamper is a 40 lb Class Tamper that has also "Stood the Test of Time". It's powerful 800 Blows Per Minute (BPM) is easily guided by one person due to its smooth operation and superb balance. The 6T is designed to effectively compact soil around foundations and other structures and for compacting backfill in trenches and other construction holes requiring compaction.

Features

- High power to weight operation
- Powerful blows quickly compacts clay, gravel and other backfill materials
- Heat treated cylinder and piston for long service life
- Hex head bolt clamp for easy tamper butt changes
- Lever throttle operation

Backfill Tamper Specifications

Model	Taper	Bore x Stroke in (mm) x in (mm)	BPM	Length in (mm)	Weight lb (kg)	CFM	Air Inlet
6T	804 Taper	1-1/2 (38) x 5-1/2 (140)	800	48-1/4 (1,226)	40 (18)	38	1/2 NPT



6T

ATP Air Centrifugal Sump Pump



551P

ATP 551P Sump Pump

The 551P is a light weight, portable, air operated, fully submersible sump pump with the power to pump up to 216 gallons of water per minute.

This non-clogging, self-cleaning pump for clean or dirty water, sewage, oil and sludge is capable of handling all your pumping requirements. The rugged cast iron housing is built to take life's hard knocks. The built in oiler will handle up to 16 hours of continuous air motor lubrication.

Convenient carry handles make this versatile pump easy to handle at the job site. The adjustable governor prevents "run-away" when sump is pumped dry or if the impeller clears water while it is in operation.

Features

- Submersible
- Portable
- Cast iron housing construction
- Steel impeller
- Built in oiler

Maximum Performance:

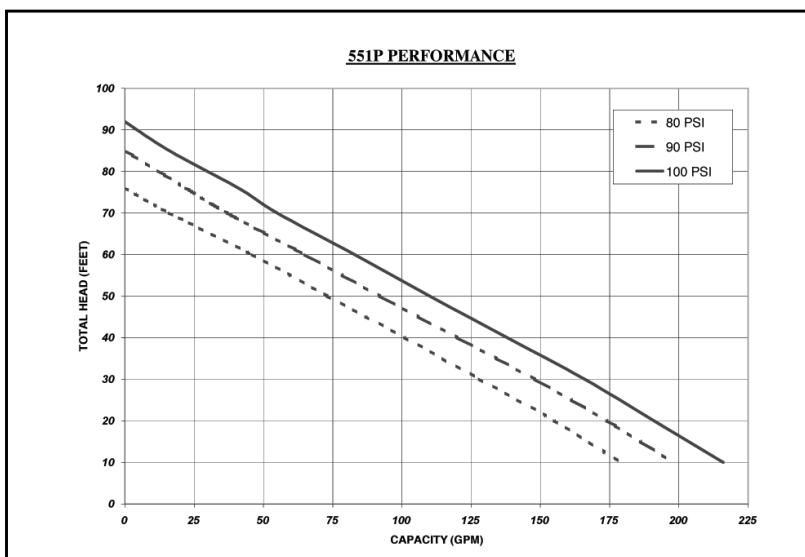
- Max Flow - 216 GPM
- Max Head - 92 Feet

Standard Equipment:

- Built in oiler
- Extended exhaust pipe with check valve to prevent water from entering the motor through the exhaust

Optional Equipment:

- Air valve, lever type for remote operation. (at additional cost)



Pump Specifications

Model	Height in (mm)	Weight lb (Kg)	Opening Pump Will Enter	Discharge Opening in	Pump Housing Material	CFM	Air Inlet
ATP551P	20 (513)	41 (18.6)	8-5/8" x 10-1/2"	2-1/2 NPT	Cast Iron	75	1/2 NPT

Interchanges with Thor 51T

ATP Large Air Drills



ATP 2122 Series Drills

The 2122 series drills are designed for RUGGED HEAVY DUTY drilling, reaming, tapping and tube rolling applications in heavy fabrication, petrochemical, general industrial, and construction industries.

Features

- Ball bearing support for long life and smooth operation
- Roll throttle for excellent speed control
- Governor-controlled motor conserves air at light loads, holds speed at peak horse power under heavy loading
- Internal oil reservoir reduces “downtime”
- External grease fitting for easy lubrication
- Self closing roll throttle with independent reverse
- Anti-corrosion package

Standard Equipment:

- Breast plate, assist handle, 1/2" shank, wood bore chuck

Optional Equipment:

- #2 and #3 morse tapers, 1/2", 3/4" and 5/8" drill chucks



2122-725WB

Shown with optional
1/2" Drill Chuck
and Morse Taper Spindle.

2122 Drill Specifications

Models	Free Speed RPM	Weight lb (Kg)	Height Over Spindle in (mm)	Side To Center Distance in (mm)	CFM	Spindle and Spindle Chuck	Air Inlet / Hose ID in (mm)
ATP2122-350WB	350	14.4 (6.46)	17.25 (438)	1.44 (36)	50	Threaded, 1/2" Shank Wood Bit Chuck	1/2 NPT 3/4 (19)
ATP2122-725WB	725	14.4 (6.46)	17.25 (438)	1.44 (36)	50	Threaded, 1/2" Shank Wood Bit Chuck	1/2 NPT 3/4 (19)
ATP2122-725-2	725	14.4 (6.46)	17.25 (438)	1.44 (36)	50	#2 Morse Taper	1/2 NPT 3/4 (19)
ATP2122-725-3	725	14.4 (6.46)	17.25 (438)	1.44 (36)	50	#3 Morse Taper	1/2 NPT 3/4 (19)
ATP2122-725-3/4	725	14.4 (6.46)	17.25 (438)	1.44 (36)	50	3/4" Chuck	1/2 NPT 3/4 (19)
ATP2122-725-5/8	725	14.4 (6.46)	17.25 (438)	1.44 (36)	50	5/8" Chuck	1/2 NPT 3/4 (19)
ATP2122-280-1/2	280	14.4 (6.46)	17.25 (438)	1.44 (36)	50	1/2" Chuck	1/2 NPT 3/4 (19)
ATP2122-280-3/4	280	14.4 (6.46)	17.25 (438)	1.44 (36)	50	3/4" Chuck	1/2 NPT 3/4 (19)
ATP2122-350-1/2	350	14.4 (6.46)	17.25 (438)	1.44 (36)	50	1/2" Chuck	1/2 NPT 3/4 (19)
ATP2122-350-3/4	350	14.4 (6.46)	17.25 (438)	1.44 (36)	50	3/4" Chuck	1/2 NPT 3/4 (19)
ATP2122-350-2	350	14.4 (6.46)	17.25 (438)	1.44 (36)	50	#2 Morse Taper	1/2 NPT 3/4 (19)
ATP2122-350-3	350	14.4 (6.46)	17.25 (438)	1.44 (36)	50	#3 Morse Taper	1/2 NPT 3/4 (19)
ATP2122-350LT-2	350	14.4 (6.46)	17.25 (438)	1.44 (36)	50	#2 Morse Taper	1/2 NPT 3/4 (19)

Roll throttle standard except for LT lever throttle model.

ATP Large Air Drills

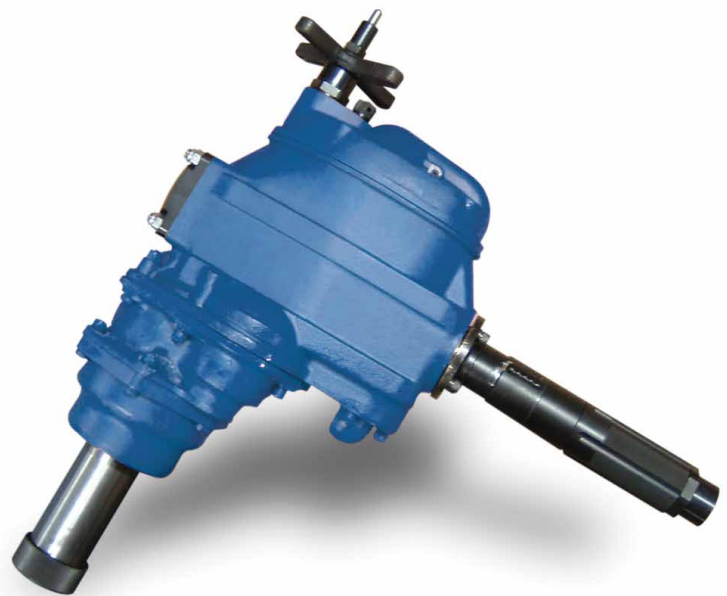


ATP 3500 Drills

3500 drills are used for extra heavy duty drilling, reaming, tapping and tube rolling applications in petrochemical, heavy fabrication, general industrial, shipbuilding and construction industries.

Features

- Reversible self-closing roll throttle for one-hand throttle control and reversing
- Governor controlled motor conserves air at light loads, holds speed at heavier loads while increasing power
- Heavy-duty ball bearings for long life
- 5.9 horse power motor and rugged gearing provides maximum power output
- Integral #4 and #5 morse taper female sockets for fast, easy change overs and positive drill bit retention
- Feed screw for drilling or reaming down force
- Anti-corrosion package



3500RAFYM

3500 Drill Specifications

Models	Free Speed RPM	Weight lb (Kg)	Height Over Spindle in (mm)	Side To Center Distance in (mm)	CFM	Spindle and Spindle Chuck	Air Inlet / Hose ID in (mm)
ATP3500RAFUL	100	69 (31.4)	23.25 (591)	2.75 (69.9)	165	#4MT	1 NPT 1 (25)
ATP3500RAFYM	60	69 (31.4)	23.25 (591)	2.75 (69.9)	165	#5MT	1 NPT 1 (25)

ATP Air Motors

Productivity in Motion



ATP Air Motors

Use ATP air motors whenever you need a rugged and reliable power source for the most demanding requirements. We offer a wide range of air motors to fit your needs.

- **ATP can also custom design motors for your unique applications**

Contact ATP's customer service team for a motor quotation.



Features:

- **Optional 2 movement safety trigger**
- **Variable speed and torque control**
- **High output durable vane motor**
 - **Rugged planetary gearing**
 - **Mounts in any position**
 - **Keyed output shaft**

3400 Series Specifications

Models	Max Power		Speed at	Free Speed	Starting Torque		Stall Torque		Air Consumption		Weight	
	(hp)	(kW)	Max. Power (RPM)		(ft lb)	(Nm)	(ft lb)	(Nm)	At Max. Power (CFM) (m3/m)		(lb)	(kg)
CML 3460	1.14	.085	180	260	40	54	56	76	45	1.27	7.3	3.3
CML 3488	1.14	.085	90	130	85	115	110	149	45	1.27	7.3	3.3



Features:

- **Variable speed and torque control**
- **High output durable vane motor**
 - **Rugged planetary gearing**
 - **Keyed output drive shaft**
 - **Six hole face mounting**
 - **Mounts in any position**

3800 Series Specifications

Models	Max Power		Speed at	Free Speed	Starting Torque		Stall Torque		Air Consumption		Weight	
	(hp)	(kW)	Max. Power (RPM)		(ft lb)	(Nm)	(ft lb)	(Nm)	At Max. Power (CFM) (m3/m)	(lb)	(kg)	
Non-Reversible (Direction of rotation is counterclockwise when facing the shaft end of motor)												
ATP3800P	1.45	1.08	285	600	42	57.0	56.5	76.6	48	1.36	8.5	3.86
ATP3800Q	1.45	1.08	180	375	62	84.0	83.5	113.0	48	1.36	8.5	3.86
ATP3800R	1.45	1.08	150	320	72	98.0	96.0	130.0	48	1.36	8.5	3.86
ATP3800S	1.45	1.08	120	255	88	119.0	118.0	160.0	48	1.36	8.5	3.86
ATP3800U	1.45	1.08	105	220	105	142.0	140.0	189.0	48	1.36	8.5	3.86
Reversible												
ATP3840P	1.35	1.01	215	440	40	54.2	53.5	72.6	44	1.25	8.75	3.97
ATP3840Q	1.35	1.01	130	280	60	81.4	80.0	108.0	44	1.25	8.75	3.97
ATP3840R	1.35	1.01	122	238	69	93.0	92.0	125.0	44	1.25	8.75	3.97
ATP3840S	1.35	1.01	100	190	86	116.0	115.0	156.0	44	1.25	8.75	3.97
ATP3840U	1.35	1.01	83	162	100	135.0	134.0	181.0	44	1.25	8.75	3.97



Features:

- Variable speed and torque control
- High output durable vane motor
 - Rugged planetary gearing
 - Keyed output drive shaft
 - Six hole face mounting
 - Mounts in any position

4800 Series Specifications

Models	Max Power		Speed at	Free Speed	Starting Torque		Stall Torque		Air Consumption		Weight	
	(hp)	(kW)	Max. Power (RPM)	(RPM)	(ft lb)	(Nm)	(ft lb)	(Nm)	At Max. Power (CFM) (m3/m)		(lb)	(kg)
Non-Reversible (Direction of rotation is counterclockwise when facing the shaft end of motor)												
ATP4800K	3.7	2.76	821	1,538	35.3	47.8	47	63.7	95	2.69	15.25	6.92
ATP4800M	3.7	2.76	560	1,050	51	69.2	69	93.6	95	2.69	15.25	6.92
ATP4800N	3.7	2.76	387	726	75	102	100	136	95	2.69	15.25	6.92
ATP4800P	3.7	2.76	260	510	98	133	131	178	95	2.69	19.75	9.0
ATP4800Q	3.5	2.61	194	375	129	175	173	235	95	2.69	19.75	9.0
ATP4800S	3.5	2.61	146	275	178	241	238	323	95	2.69	19.75	9.0
ATP4800U	3.5	2.61	97	185	265	359	354	480	95	2.69	19.75	9.0
Reversible												
ATP4840K	3.2	2.39	711	1,429	32	43.4	42.7	57.9	95	2.69	15.25	6.92
ATP4840M	3.2	2.39	485	975	47.3	64	63	85.4	95	2.69	15.25	6.92
ATP4840N	3.2	2.39	336	675	67.7	91.7	90.2	122	95	2.69	15.25	6.92
ATP4840P	3	2.24	228	475	93	126	125	170	95	2.69	20.125	9.13
ATP4840Q	3	2.24	167	350	123	167	165	224	95	2.69	20.125	9.13
ATP4840S	3	2.24	125	255	161	218	215	292	95	2.69	20.125	9.13
ATP4840U	3	2.24	83	170	225	305	300	407	95	2.69	20.125	9.13

ATP4800 series air motors are CE certified.

Features:

- With or without reverse, CW or CCW rotation
- Custom designed for multiple applications
 - Keyed or tapered output drive shaft
 - Variable speed and torque control
 - High output durable vane motor
 - Fixture mount in any position
 - Rugged planetary gearing

7600 Series Specifications

Models	Max Power (hp) (kW)		Speed at Max. Power (RPM)	Free Speed (RPM)	Starting Torque (ft lb) (Nm)		Stall Torque (ft lb) (Nm)		Air Consumption At Max. Power (CFM) (m3/m)		Weight (lb) (kg)	
7667-400	.45	.34	210	400	11.3	15.3	22	29.8	25	.71	2.5	1.13
7667-600	.45	.34	425	600	6.4	8.68	11	14.9	25	.71	2.5	1.13
7667-1000	.45	.34	600	1,000	4.8	6.5	7.5	10.2	25	.71	2.5	1.13





Features:

- Variable speed and torque control
- High output durable vane motor
 - Keyed output shaft
 - Flange mounts

318 Series Specifications

Models	Max Power		Speed at Max. Power (RPM)	Free Speed (RPM)	Torque @ Max power		Stall Torque		Air Consumption At Max. Power		Weight	
	(hp)	(kW)			(ft lb)	(Nm)	(ft lb)	(Nm)	(CFM)	(m3/m)	(lb)	(kg)
318-RSM3000	2.90	2.16	3,450	*	4.5	6.10	9.0	12.20	135	3.80	20	9.07
318-RSM300	2.90	2.16	370	*	42.0	57.0	75.0	101.69	45	1.27	35	15.88
318-RSM125	2.90	2.16	155	*	99.0	134.23	175.0	237.27	135	3.80	60	27.22
318-RSM40	2.90	2.16	59	*	262.50	356.0	525.0	711.80	135	3.80	60	27.22

* Ungoverned stationary motors must be use in applications where the motor will always run under load.



Features:

- Variable speed and torque control
- High output durable vane motor
 - Rugged spur gearing
 - Keyed output shaft
 - Foot mounting

3501 Series Specifications

Models	Max Power		Speed at Max. Power (RPM)	Free Speed (RPM)	Torque @ Max Power		Stall Torque		Air Consumption At Max. Power		Weight	
	(hp)	(kW)			(ft lb)	(Nm)	(ft lb)	(Nm)	(CFM)	(m3/m)	(lb)	(kg)
3501-RSM3600	7.0	5.22	3,500	7,100	10.0	13.56	17.0	23.05	190	5.38	26	11.79
3501-RSM1800	7.0	5.22	1,590	3,180	23.0	31.18	38.0	51.52	190	5.38	65	29.48
3501-RSM1000	7.0	5.22	900	1,820	41.0	55.59	68.0	92.20	190	5.38	65	29.48
3501-RSM400	7.0	5.22	350	710	105.0	142.36	175.0	237.27	190	5.38	65	29.48
3501-RSM310	7.0	5.22	280	570	130.0	176.26	220.0	298.28	190	5.38	65	29.48
3501-RSM200	7.0	5.22	185	370	200.0	271.16	330.0	447.42	190	5.38	65	29.48
3501-RSM150	7.0	5.22	150	275	245.09	332.30	450.0	610.12	190	5.38	65	29.48
3501-RSM100	7.0	5.22	99	180	347.0	470.47	620.0	840.61	210	5.95	77	34.93
3501-RSM60	7.0	5.22	52	95	710.0	962.63	1,200.0	1,626.98	210	5.95	77	34.93

ATP Air Tool Lubricants

Oil and Grease



ATP Ice Free “BLUE MAGIC” Air Tool Lubricant For Pneumatic Tools

This oil is especially compounded for lubricating Air Impact Tools, Hammers, Drills, Grinders, Pumps, Breakers, Air Motors and other Pneumatic Tools. Moisture in compressed air will rapidly wash away most lubricating oils used in air tools. “BLUE MAGIC” oil, has additives that absorb such moisture into the lubricant, forming a stable emulsion which clings to the inside of the tool. It not only lubricates and rustproofs, but it prevents “ice” from forming in the tool’s exhaust, and is good to -40 degrees F reducing the need for most cold weather air line additives. During idle time, there is no separation of moisture and oil. This constantly maintained protective film prevents rust and corrosion in the inside of air tools.

IMPORTANT:

When using “BLUE MAGIC” Ice Free Oil in Air Line Lubricators, adjust the feed rate to approximately 1/3 of that used with regular oil. “BLUE MAGIC” oil does not wash out of air tools as rapidly as regular oils do.

Blue Magic Oil

Models	Container Size	Case Quantity
P-137646	Pint	24
P-137145	Quart	12
P-089507	Gallon	4

Sold as each



Impact Mechanism (Clutch) Lubricant “Pure Gold”

A superior synthetic moly-based extreme pressure lubricant for use in all types of grease lubricated impact mechanisms, anvil bushings and high speed air motor bearings.

Pure Gold Lubricant

Models	Container Size
CA-131898	14.5 oz Cartridge
C-131689	7-1/2 lb Pail



ATP Air Line Accessories

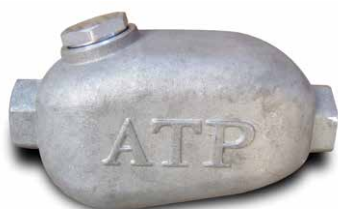


ATP Automatic In-line Oilers

The ATP (football type) automatic in-line oilers are designed to supply oil for tool lubrication anywhere stationary lubricators are not feasible to use. Automatic in-line oilers should be installed as close to the air tool as possible. The ATP automatic in-line oilers have an adjustable needle valve flow control to permit easy regulation of oil flow. Oil flow while using ATP's ice free "BLUE MAGIC" air tool lubricant should be set at approximately one drop per minute. The rugged cast housing provides long service life under the most severe service conditions.



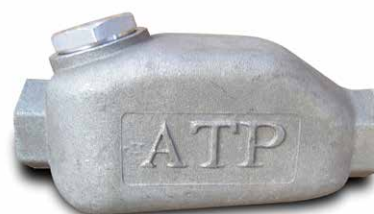
ATP OL



ATP 2L



ATP 3L



ATP 1L

In-line Oiler Specifications

Models	Thread NPT/Hose Barb Pipe in	Max. Working Pressures (PSI)	Recommended Oil Wt./Capacity (FL. OZ.)
ATP OL	1/2 NPT	500	ATP Blue Magic/5 Wt. 1.4 Fl. Oz.
ATP 1L	3/4 NPT	260	ATP Blue Magic/5 Wt. 4.0 Fl. Oz.
ATP 2L	3/4 NPT	300	ATP Blue Magic/5 Wt. 11.0 Fl. Oz.
ATP 3L	1 NPT	250	ATP Blue Magic/5 Wt. 16.0 Fl. Oz.

ATPL-RK In-Line Oiler Repair Kit (includes fill plug o-ring, oil adjusting valve, adjusting valve gasket, sight disk, sight disk seal and sight disk set screw.

ATP Air Line Accessories

ATP Whip Hoses

ATP whip hoses are made of high strength and durable hydraulic hose, with 360° inlet swivels, in-line oilers, and Chicago quick connect fittings. Whip hoses are 6' in total length.



Whip Hose Specifications

Models	Tool Inlet Size in	Hose Size in
WH-4	1/4 Inlet	1/2
WH-6	3/8 Inlet	1/2
WH-5	1/2 Inlet	1/2

ATPL-RK In-Line Oiler Repair Kit (includes fill plug o-ring, oil adjusting valve, adjusting valve gasket, sight disk, sight disk seal and sight disk set screw.

ATP Air Line Accessories



Standard Universal Hose Couplings

ATP Universal Hose Couplings are a rugged rust proof one-piece design with the convenience of a quarter turn connect/disconnect feature. The design increases holding power and seal with increase in air pressure. The gaskets will not blow or fall out. The same size coupling end is used on all sizes making for easy interchange of different size hose assemblies. The coupling gaskets are made of high grade materials that retain their effective resiliency indefinitely. Gaskets are easily installed using only your fingers. No special tools are required for installation!

WARNING: ALWAYS use a coupling lock pin (part number C-142110) to prevent injury from accidental uncoupling of universal hose couplings. Whip hoses can cause serious injury!

Special Large Size Universal Couplings:

These have the same advantages of the Standard Universal Couplings except there is no interconnect ability with standard sizes.

Bronze Models	Description
C-015145	1-1/2" NPT Male Pipe Thread
C-015175	1-1/2" NPT Female Pipe Thread
C-015176	1-1/2" Diameter Hose I.D.

Rubber gasket for large Universal Couplings, C-015071

*One gasket supplied with each coupling

Coupling Accessories

Dead End Cap	C-035019
3-Way Coupling	C-035021
Rubber Gasket	C-035138



Male Thread Coupling

Bronze Models	NPT Male Pipe Thread in
C-015123	3/8
C-015122	1/2
C-015121	3/4
C-015120	1



Female Thread Coupling

Bronze Models	NPT Female Pipe Thread in
C-015128	3/8
C-015127	1/2
C-015126	3/4
C-015125	1



Hose End Coupling

Bronze Models	Hose I.D. in
C-015134	3/8
C-015132	1/2
C-015131	3/4
C-015130	1

ATP Air Tool Replacement Parts



The Performance Upgrade: Fix It To Last.

In addition to spare parts for ATP and Thor brands, we also manufacture many replacement parts for Ingersoll Rand, Chicago Pneumatic, Cleco, Top Cat, Sullair, and other leading brands.

Our products have been manufactured in the U.S.A. since 1923 and engineered at or above the most current OEM specifications and standards producing;

- Less down time
- Fewer change outs
- Reduced maintenance costs

Repairing your tools with high quality ATP replacement parts gives you the confidence your tools will get the job done.

With over **20,000** OEM part numbers in stock, the next time you need quality replacement parts, demand ATP.



ATP Air Tool Tune Up Kits



ATP Tune Up Kits

ATP Tune Up Kits contain those items which are essential to a professional tool Tune-Up, and assures maximum productivity and utilization of your tools. Selected vanes, bearings, gaskets, and seals are packaged for ease of use and storage.



PART #	FITS MODELS
C-101077	CP20
C-101083	CP3440
C-101088	CP606
C-101089	CP610
C-101090	CP612
C-101091	CP365
C-101614	CP614
C-101987	CP6120
C-115811	CP611
C-118984	CP606
C-119108	CP612
C-132252	CP365
C-137568	CP6060
CA-131501	CP797
1710B/1710P-TK3	IR1710
1712B/1712P-TK3	IR1712
1720B-TK2	IR1720B
1720P-TK2	IR1720P
261-TK2	IR261
2906P-TK1	IR2906P
2908-TK1	IR2908
2908P-TK2	IR2908P
2910-TK4	IR2910
2920B-TK2	IR2920B
2920P-TK2	IR2920P
2921P-TK2	IR2921P
2925-TK2	IR2925
2934-TK3	IR2934
2940-TK3	IR2940
2945-TK2	IR2945
2950-TK2	IR2950
3940-TK1	IR3940

PART #	FITS MODELS
3941-TK1	IR3941
3942-TK1	IR3942
3955-TK1	IR3955
599-TK1	IR599
99V/99H-TK3	IR99V & IR99H Grinders
270-1700	ATSCO V3000 Grinders
270-1900	ATSCO V4000 Grinders
270-2500	ATSCO A712S & 725S
	Die and Angle Grinders
270-6500	ATSCO 1200 Series
	Horizontal Grinders
7527P-TK	ATP7527 PISTOL
7527EI-TK2	ATP7527 END GRIP
1043-TK2	ATP1043
1045-TK2	ATP1045
1555-TKS	ATP1555



HIGH PRESSURE HYDROSTATIC TEST PLUGS

THAXTON specializes in engineering and manufacturing high quality test plugs used in hydrostatic testing of tubes, open end pipes, pipelines and pressure vessels.

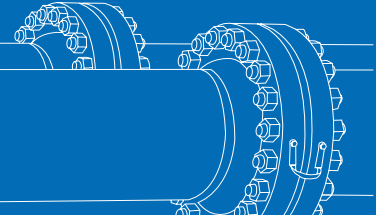
PRECISION MACHINED HARDENED STEEL, ZINC PLATED, FACTORY TESTED

Standard pipe test plugs are factory tested up to 3,000 PSI depending on size. Special sizes and higher pressures can be supplied per customer requirements. Test plugs are held in place by the steel grips which hold against the inside wall of the pipe when the nut is tightened. At the same time, a neoprene seal cup is compressed to make a tight seal. New seal kits may be purchased directly from the factory to prolong the useful life of a Thaxton test plug.

NON-STANDARD TEST PLUGS ARE AVAILABLE FROM THAXTON

For special Non-Standard Test Plugs, please include the following information:

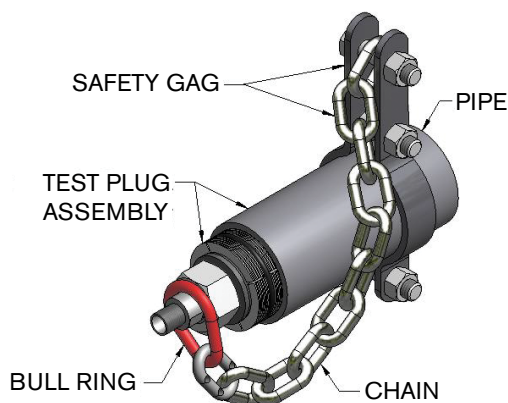
- Inside Diameter of Pipe
- Wall Thickness
- Depth Required
- Pipe Material
- Type of Test Media (Water, Oil, Gases, etc.)



WARNING: Pressure testing can be severely hazardous and safety precautions must be followed.

WARNING: THAXTON test plugs are not to be used as lifting devices.

SAFETY GAGS



The gag is installed after the test plug is in place. The clamp is tightened around the pipe, with the bull ring located loosely over the stem. If the chain tightens, this would signal the operator to reduce pressure and retighten the test plug. The clamp also will restrict expansion of the pipe.

Safety Gags are available for all sizes and recommended for use in pressure testing operations.

TYPE C Pipe I.D. Sizes .466" to 1.00"



- Mandrel through hole for filling and venting.
- Specifically designed for smooth concentric inside diameter pipe or tubing.
- Tolerances to plus or minus .005".

TYPE D Pipe I.D. Sizes 1" to 2.5"



- Mandrel through hole for filling and venting.
- Special sizes are available on request.
- Made to fit a specific I.D. with tolerances plus or minus .020".

TYPE D Pipe I.D. Sizes 3" to 17.5"



- Mandrel through hole for filling and venting.
- Special sizes are available on request.
- Made to fit a specific I.D. with tolerances plus or minus .035".

TYPE E External Closure Pipe I.D. Sizes .5" to 2.5"



- Thaxton External Closures are designed to quickly seal a plain-end pipe or tube, and eliminate welding on a cap for hydrostatic testing. A perfect leak-free seal can be achieved every time at high pressures.
- Manufactured from alloy steel or stainless steel.

SOCKET WELD PLUGS - Pipe I.D. Sizes .5", .75", 1", 1.25", 1.5", 2"



- Special sizes are available on request.
- All Socket Weld Plugs are available with solid or vented stems.
- Our Socket Weld Plugs eliminate the need for welding plugs onto standard socket weld openings when conducting pressure tests.

REVERSE PRESSURE PLUGS - Pipe I.D. Sizes 1.25" to 12"



- Thaxton Reverse Pressure Plugs permit testing in a relatively small section of pipe. This avoids filling long sections of pipe with water in order to hydrostatic test a particular weld or segment. Reverse plugs have a solid stem and are held in place by hardened steel reverse grips. The seal is made with a neoprene ring and all steel parts are plated to resist corrosion.
- The stem of each plug has an internal left hand thread to accommodate installation tools (pictured below).



LARGE DIAMETER PIPE PLUGS - Pipe I.D. Sizes 18" to 24"



- Due to the size and weight of the parts, these test plugs are furnished with a series of draw bolts used for expanding the grip segments. The draw bolts allow the installer to expand the grip segments evenly.
- These test plugs are equipped with a female pipe thread in the bottom of the mandrel which allows the customer to install a vent tube, by using a street ell and the appropriate length of pipe. The vent tube will help remove air pockets from the pipe when conducting hydrostatic tests.

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to Custom Gears
and Gearboxes

Gear Manufacturing Capabilities



- Member of the American Gear Manufacturers Association (AGMA)
- Business was established in 1990
- Extensive inventory of custom and specialized tooling
- Reverse engineer or design gears utilizing CMM and SolidWorks 3D modeling software
- Over 200 CNC and manual machines used in production
- Gearbox repair
- 24-hour breakdown / rush service
- No minimum order quantity – any size order welcome
- Gear material certifications

Rapid turnaround available for breakdown/rush service with in stock inventory:

- 4140 Steel
- 4140-PHT Steel
- 8620 Steel
- 1018 Steel
- Cast Iron Class 40
- 954 Bronze

Non-stock material available within a few days

Additional special materials: phenolic, nylon, Delrin, alloys, brass and aluminum

For 24-hour breakdown / rush service, contact
Ed Blaszyński (708) 767-3109 or (814) 938-5552

For all other inquiries please call
or email request(s) to the below:



sales@qualitygear.com
(814) 938-5552



blazmangear@hy-techinc.com
(814) 938-5552



sales@gearproducts.net
(814) 938-5552

Gear Manufacturing Capabilities



Straight Bevel & Angular Straight Bevel Gears

Up to 18" P.D., 3 D.P. Maximum



Spiral Bevel & Hypoid Spiral Bevel Gears

Up to 33" P.D., 1.5 D.P. Maximum, 4" Face, 4.5" Maximum Offset



Spur/Helical/Worm Gear Cutting

Up to 48" O.D., 1.5 D.P. Maximum



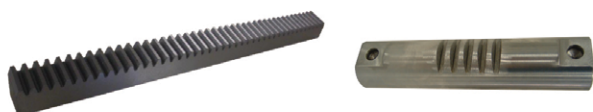
Spur Shaping

Up to 32" O.D., 2 D.P. Maximum



Thread Milling

Up to 16" O.D. x 72" Long, 2 D.P. Maximum



Racks

Any Pitch or Length



O.D. Grinding

14" O.D. x 28" Centers



I.D. Grinding

24" O.D. x 20" Travel



Centerless Grinding

3" Maximum O.D.

Engineered Solutions

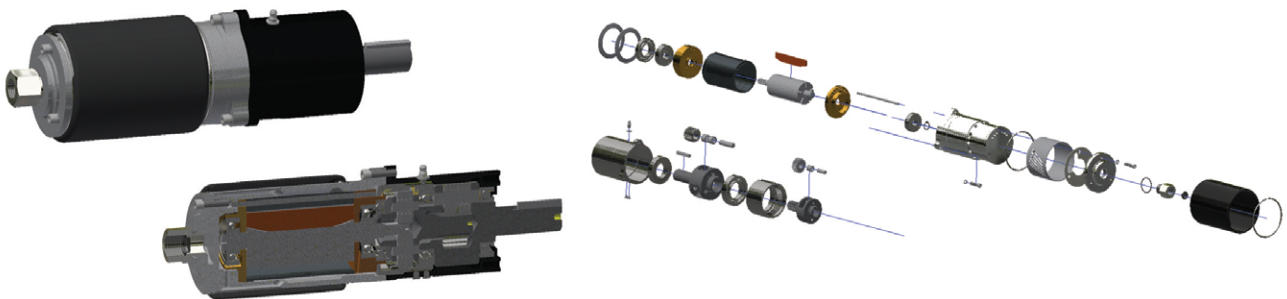
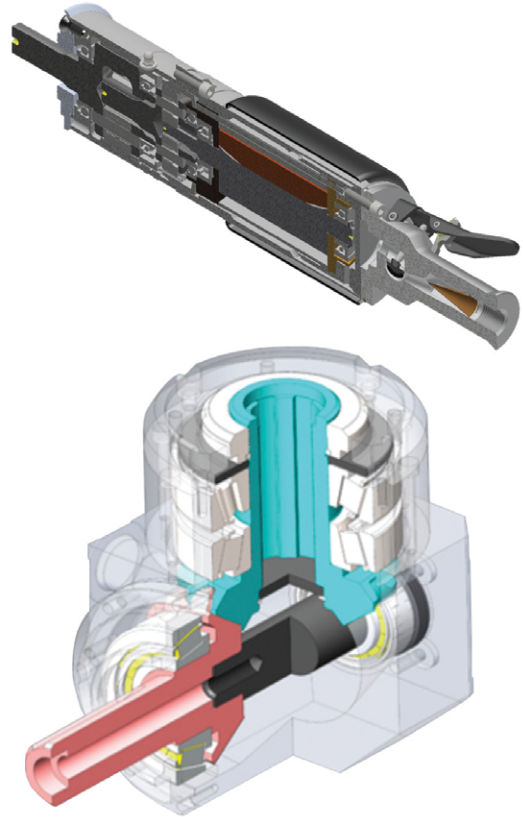
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We are a proud US manufacturer with a complete compliment of manufacturing capabilities in our Pittsburgh and Punxsutawney locations, including, but not limited to:

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- Certified welding capabilities
- CNC: Horizontal & Vertical Milling, Lathes (with live tooling). Mill-Turn, Grinding and Honing
- Gear Cutting: Racks, Bevels, Spurs, Helical, Splines, Sprockets, Worms & Broaching
- Finishing: Chrome, Black Oxide, Dichromate, Powder Coat, Anodizing, Heat Treat, Welding, Honing

We assemble and test thousands of tools, assemblies and complete systems every year, adhering to exacting and specific OEM standards. With an average tenure of 17 years in our Assembly and Test department, we're confident we can help lower your costs, improve your quality and let you focus on your other core competencies.



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