

ATP CYCLONE - THE NEW TURNING FORCE IN METAL FINISHING



ATP Cyclone

The New Turning Force in Metal Finishing



HIGH PERFORMANCE, HIGH PRODUCTIVITY AIR GRINDERS.

ATP is a Division of

HY-TECH

ENGINEERED SOLUTIONS

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ATP CYCLONE DIE GRINDERS



ATP Cyclone die grinders offer exceptional power and speed to maximizing metal removal in deburring and general finishing applications. Model 4420 features triple row front bearings for smooth and long operational life.



ATP4420



DG122S-1/4



DG122S-1/4-E

Models	Rated HP (kw)	Free Speed RPM	Lock-Off Throttle Type	Spindle Output	Wheel Type	Overall Length in (mm)	Weight lb (kg)	Air Inlet NPT	Hose ID in (mm)	Exhaust
ATP4420	.5 (.37)	23,000	Lever	1/4" Collet	Mounted Burrs	6.8" (173)	1.7 (.76)	1/4"	3/8" (10)	Front
DG122S-1/4	1.0 (.75)	22,000	Lever	1/4" Collet	Mounted Burrs	6.5" (166)	2.6 (1.2)	1/4"	3/8" (10)	Front
DG122S-1/4-E	1.0 (.75)	22,000	Lever	1/4" Collet	Mounted Burrs	12.3" (315)	3.6 (1.6)	1/4"	3/8" (10)	Front

Standard equipment on all models:

- 1/4" collets
- Lock-off lever safety throttle

Hy-Tech Engineered Solutions is proud to announce the introduction of our class-leading, Heavy Duty, ATP Cyclone air grinders in die, angle, vertical and horizontal configurations. ATP Cyclone air grinders are offered in 0.8, 1.2, 2.0, 3.0 and 4.0HP classes. ATP Cyclone™ grinders have class leading performance and provide industry leading power to weight ratios.

ATP Cyclone die grinders are available in short and extended models with 1/4" collets. ATP Cyclone angle grinders feature powerful governed motors and are available in 4.0", 4.5", 5.0", 7.0" and 9.0"-guarded wheel sizes accepting type 1, 27 & 28 by 0.25" thick grinding wheels.

ATP Cyclone 1.2HP horizontal grinders feature powerful governed motors and are available in standard and extended lengths (up to 36"), in standard and heavy-duty double row spindle bearing models, with spindle outputs of 1/4" and 3/8" collets, and 3/8"-24 threaded spindle models. ATP 3HP and 4HP horizontal grinders feature powerful governed motors and are available in 6.0"- and 8.0"-guarded wheel sizes accepting type 1 by 1.0" thick grinding wheels.

ATP Cyclone 3HP and 4HP vertical grinders feature powerful governed motors and are available in 6.0" cup wheel, and 7.0" and 9.0"-guarded wheel models accepting type 27 & 28 by .025" thick grinding wheels.

ATP CYCLONE HORIZONTAL AND EXTENDED GRINDERS



ATP Cyclone 1200 series grinders feature high output 1.2HP governed air motors and set the standard for high performance in heavy production applications. Standard length and long reach extended models with double row front bearings provide what is needed to get the most demanding jobs done.

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



E1215S-13HD-1/4



1215S-R4

Models	Rated HP (kW)	Free Speed RPM	Spindle Output	Wheel Guard Dia. in (mm)	Wheel Type & Max. Thickness	Overall Length in (mm)	Extension Length in (mm)	Extension Dia. in (mm)	Net Weight lb (kg)	Air Inlet NPT	Hoses ID in (mm)	Exhaust
1215S-1/4	1.2 (.9)	15,000	1/4" Collet	N/A	Mounted Burrs	17.5 (444)	N/A	N/A	5.5 (2.5)	3/8"	3/8 (10)	Side
1215S-3/8	1.2 (.9)	15,000	3/8" Collet	N/A	Mounted Burrs	17.5 (444)	N/A	N/A	5.5 (2.5)	3/8"	3/8 (10)	Side
1215S-C	1.2 (.9)	15,000	3/8"-24	Cone	Cone Wheels	16.12 (410)	N/A	N/A	5.3 (2.4)	3/8"	3/8 (10)	Side
1215S-R3	1.2 (.9)	15,000	3/8"-24	3" (76)	1 (1/2")	16.75 (425)	N/A	N/A	5.9 (2.7)	3/8"	3/8 (10)	Side
1215S-R4	1.2 (.9)	15,000	3/8"-24	4" (101)	1 (1/4")	16.75 (425)	N/A	N/A	6 (2.7)	3/8"	3/8 (10)	Side
1218S-1/4	1.2 (.9)	18,000	1/4" Collet	N/A	Mounted Burrs	17.5 (444)	N/A	N/A	5.5 (2.5)	3/8"	3/8 (10)	Side
1218S-3/8	1.2 (.9)	18,000	3/8" Collet	N/A	Mounted Burrs	17.5 (444)	N/A	N/A	5.5 (2.5)	3/8"	3/8 (10)	Side
1218S-C	1.2 (.9)	18,000	3/8"-24	Cone	Cone Wheels	16.12 (410)	N/A	N/A	5.3 (2.4)	3/8"	3/8 (10)	Side
1218S-R3	1.2 (.9)	18,000	3/8"-24	3" (76)	1 (1/2")	16.75 (425)	N/A	N/A	5.9 (2.7)	3/8"	3/8 (10)	Side
E1218S-7-1/4	1.2 (.9)	18,000	1/4" Collet	N/A	N/A	20.5 (520)	7.0 (178)	1.00 (25.4)	5.6 (2.5)	3/8"	3/8 (10)	Side
E1218S-7-C	1.2 (.9)	18,000	3/8"-24	N/A	N/A	19.0 (483)	7.0 (178)	1.00 (25.4)	5.4 (2.4)	3/8"	3/8 (10)	Side
E1215S-13-1/4	1.2 (.9)	15,000	1/4" Collet	N/A	N/A	26.5 (673)	13.0 (330)	1.00 (25.4)	7.2 (3.3)	3/8"	3/8 (10)	Side
E1215S-13-3/8	1.2 (.9)	15,000	3/8" Collet	N/A	N/A	26.5 (673)	13.0 (330)	1.00 (25.4)	7.2 (3.3)	3/8"	3/8 (10)	Side
E1212S-26-1/4	1.2 (.9)	12,000	1/4" Collet	N/A	N/A	40.0 (1016)	26.0 (660)	1.00 (25.4)	9.4 (4.3)	3/8"	3/8 (10)	Side
E1212S-26-C	1.2 (.9)	12,000	3/8"-24	N/A	N/A	38.5 (978)	26.0 (660)	1.00 (25.4)	9.2 (4.2)	3/8"	3/8 (10)	Side
E1212S-36-3/8	1.2 (.9)	12,000	3/8" Collet	N/A	N/A	50.0 (1270)	36.0 (914)	1.00 (25.4)	11.3 (5.1)	3/8"	3/8 (10)	Side
E1212S-36-C	1.2 (.9)	12,000	3/8"-24	N/A	N/A	48.5 (1232)	36.0 (914)	1.00 (25.4)	11.1 (5.0)	3/8"	3/8 (10)	Side
E1218S-7HD-1/4	1.2 (0.9)	18,000	1/4" Collet	N/A	N/A	20.5 (520)	7.0 (178)	1.37 (34.79)	5.6 (2.5)	3/8"	3/8 (10)	Side
E1218S-7HD-C	1.2 (0.9)	18,000	3/8"-24	N/A	N/A	19.0 (483)	7.0 (178)	1.37 (34.79)	5.4 (2.4)	3/8"	3/8 (10)	Side
E1215S-13HD-1/4	1.2 (0.9)	15,000	1/4" Collet	N/A	N/A	26.5 (673)	13.0 (330)	1.37 (34.79)	7.2 (3.3)	3/8"	3/8 (10)	Side
E1215S-13HD-3/8	1.2 (0.9)	15,000	3/8" Collet	N/A	N/A	26.5 (673)	13.0 (330)	1.37 (34.79)	7.2 (3.3)	3/8"	3/8 (10)	Side
E1212S-26HD-1/4	1.2 (0.9)	12,000	1/4" Collet	N/A	N/A	40.0 (1,016)	26.0 (660)	1.37 (34.79)	9.4 (4.3)	3/8"	3/8 (10)	Side
E1212S-26HD-C	1.2 (0.9)	12,000	3/8"-24	N/A	N/A	38.5 (978)	26.0 (660)	1.37 (34.79)	9.2 (4.2)	3/8"	3/8 (10)	Side
E1212S-36HD-3/8	1.2 (0.9)	12,000	3/8" Collet	N/A	N/A	50.0 (1,270)	36.0 (914)	1.37 (34.79)	11.3 (5.1)	3/8"	3/8 (10)	Side
E1212S-36HD-C	1.2 (0.9)	12,000	3/8"-24	N/A	N/A	48.5 (1,232)	36.0 (914)	1.37 (34.79)	11.1 (5.0)	3/8"	3/8 (10)	Side

Standard equipment on all models:

- Standard guard size per wheel diameter. Guards not required on collet and cone wheel models
- Additional speeds and spindle configurations available by calling number below
- Lock-off lever throttle

ATP CYCLONE ANGLE GRINDERS



ATP Cyclone angle grinders are a complete range of powerful governed motor tools to help you get the job done in the most demanding environments. These grinders excel in heavy metal finishing applications powering Type 1, 27, 28 grinding wheels.



A513S-D4



A112S-D5



A206S-D9

Models	Rated HP (kW)	Free Speed RPM	Lock-Off Throttle 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)	Directional Exhaust
A513S-D4	0.8 (0.6)	13,500	Lever	3/8"-24	4.0" (101)	1, 27 & 28 – 1/4	9.45" (240)	4.0 (1.8)	3/8"	3/8" (10)	Side
A112S-D4.5	1.2 (0.90)	12,000	Lever	5/8"-11	4.5" (114)	1, 27 & 28 – 1/4	10.31" (261)	4.1 (1.9)	3/8"	3/8" (10)	Side
A112S-D5	1.2 (0.90)	12,000	Lever	5/8"-11	5.0" (127)	1, 27 & 28 – 1/4	10.31" (261)	4.1 (1.9)	3/8"	3/8" (10)	Side
A208S-D7	2.0 (1.4)	8,400	Lever	5/8"-11	7.0" (179)	1, 27 & 28 – 1/4	10.31" (261)	6.9 (3.1)	3/8"	1/2" (13)	Side
A206S-D9	2.0 (1.4)	6,500	Lever	5/8"-11	9.0" (229)	1, 27 & 28 – 1/4	10.31" (261)	6.9 (3.1)	3/8"	1/2" (13)	Side

Standard equipment on all models:

- Wheel guard size per wheel diameter
- Directional exhaust
- Lock-off lever throttle
- Operator assist handle

ATP CYCLONE VERTICAL GRINDERS



ATP Cyclone 3HP and 4HP vertical grinders set a new standard in rugged high output governed vane motor air grinders for use in the most demanding heavy metal removal and finishing applications.



ATP360VL-6



ATP460VL-9

Models	Rated HP (kW)	Free Speed RPM	Wheel Type & Thickness	Wheel Diameter in (mm)	Weight lb (kg)	Height to Flange Bottom in (mm)	Side to Center in (mm)	Spindle Output	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)
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:

- Wheel guard size per wheel type and diameter
- Lock-off lever throttle

ATP CYCLONE HORIZONTAL GRINDERS



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



ATP360HL-6



ATP460HL-8

Models	Rated HP (kW)	Free Speed RPM	Wheel Type & Thickness	Wheel Guard Size	Weight lb (kg)	Overall Length in (mm)	Spindle Output	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"-11	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"-11	1/2"	3/4 (19)
ATP360HG-6	3.0 (2.2)	6,000	1" x 1"	6"	13.0 (5.9)	20.7 (527)	5/8"-11	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"-11	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"-11	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"-11	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"-11	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"-11	1/2"	3/4 (19)
ATP460HG-6	4.0 (3.0)	6,000	1" x 1"	6"	14.0 (6.4)	22.2 (565)	5/8"-11	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"-11	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"-11	1/2"	3/4 (19)

Standard equipment on all models:

- Wheel guard size per wheel type and diameter
- Lock-off lever throttle



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