



AIR GRINDERS & CUT-OFF TOOLS

483



DIE GRINDERS

.3 HP 1/4" Mini Die Grinder

402109 / MDG1-6

- Quality advances for longer service life include: steel end plate inserts, brass collar, reinforced air inlet and cylinder made of higher quality steel
- Mini length housing for use in confined areas
- All ball bearing construction and lever throttle with roller for positive speed control
- Self-locking throttle lever prevents accidental starting of motor
- Rear exhaust
- Built-in air regulator
- Ideal for multitude of applications using a wide range of accessories

Standard Accessories: Wrenches, 1/8" collet

.3 HP 1/4" Mini 90° Angle Head Die Grinder

402110 / MDG90

- Quality advances for longer service life include: steel end plate inserts, brass collar, reinforced air inlet and cylinder made of higher quality steel
- Precise bevel gear systems reduces speed for powerful confined area work
- Featuring deeper cut gears locked in place by slot and pin mechanism for improved service life
- All ball bearing construction and lever throttle for positive speed control
- Built-in air regulator
- Front exhaust

Standard Accessories: Wrenches, 1/8" collet

PROD. NO. MOD. NO.	402109 MDG1	402110 MDG90
Collet Size	1/4"	1/4"
Free Speed (RPM)	25,000	18,000
Overall Length	6-3/16"	5-3/16"
Avg. Air Consumption (cfm)	4	5
Min. Hose Size	3/8"	3/8"
Air Inlet (NPT)	1/4"	1/4"
Sound Pressure (dBA)	90	103
Vibration (m/s ²)	2.5	2.5
Product Weight	0.85 lb (0.38 kg)	1.05 lb (0.47 kg)

2-in-1 1/4" Die Grinder Combo Set

402149 / MDGKIT

- Includes 402109 and 402110
- Same quality tools as above, but in a convenient 2 piece set

DIE GRINDERS

JET Die Grinders - Simply the Best!

JET offers one of the most complete ranges of quality die grinders in the Canadian market place today. Simply put, JET die grinders are built and designed to provide the best performance, life and productivity of any brand. Over the past 10 years, JET has worked hard to overbuild this product range, ensuring each tool has the best components, bearings and motor housings in the business. Even our .3 HP standard duty grinders feature special components to ensure longevity. But it is our .6 and .9 HP models that stand above the rest. While the performance is similar to other, extremely high priced brands, the cost of these JET die grinders is amazingly competitive. That is why JET has quickly become the standard in the Canadian market and is the tool of choice for industrial and professional automotive users alike.



.3 HP 1/4" 90° Angle Head Die Grinder

402120 / MG90P

- Convenient, comfortable pistol grip design provides great operator control
- Compact overall length, perfect for working in tight areas
- Direct drive mechanism has fewer moving parts, for maximum tool life
- Ergonomic handle with finger grips and insulating cover
- Variable speed push button throttle
- Muffled handle exhaust directs air away from work piece

Standard Accessories: Wrenches

.3 HP 1/4" 115° Angle Head Die Grinder - Heavy Duty

402118 / DG115HD

- 115° head angle reduces operator fatigue, particularly on vertical work pieces
- Set RPM to match job using adjustable air regulator
- Swivel air inlet for ease of operation
- Insulated housing cover for operator comfort
- Throttle lever completely recessed in housing when fully engaged
- Safety toggle on throttle lever prevents accidental start-ups

Standard Accessories: Wrenches

PROD. NO. MOD. NO.	402120 MG90P	402118 DG115HD
Collet Size	1/4"	1/4"
Free Speed (RPM)	18,000	20,000
Overall Length	4-5/8"	7-5/8"
Avg. Air Consumption (cfm)	4	4
Min. Hose Size	3/8"	3/8"
Air Inlet (NPT)	1/4"	1/4"
Sound Pressure (dBA)	86	79
Vibration (m/s ²)	0.406	1.22
Product Weight	2.9 lb (1.31 kg)	1.25 lb (0.56 kg)

Only 4-5/8" long!



For maximum performance we recommend 90 PSI air pressure.



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.6 HP 1/4" Mini Die Grinder - Heavy Duty

402114 / MG1HD

- Powerful .6 horsepower motor – our most popular die grinder
- Front exhaust, compact motor housing – only 5-3/4" long!
- Motor shaft features ball bearings front and back, and motor end plates are made from durable die cast aluminum metal for maximum life and performance
- Insulating vinyl cover for operator comfort and safety
- Lever throttle with roller tip for ease of operation
- Air inlet screen filters air line debris, extending motor life
- Outstanding power, performance, durability and life
- Ideal for most heavy duty industrial applications



Only 5-3/4" long!

.6 HP 1/4" 90° Angle Head Die Grinder - Heavy Duty

402113 / MG90HD

- Powerful .6 horsepower motor
- Rear exhaust, compact motor housing
- New improved drive gear system for longer life in heavy applications
- Motor shaft features ball bearings front and back, and motor end plates are made from durable die cast aluminum metal for maximum life and performance
- Insulating vinyl cover for operator comfort and safety
- Lever throttle with roller tip for ease of operation
- Air inlet screen filters air line debris, extending motor life
- Outstanding power, performance, durability and life
- Ideal for most heavy duty industrial applications

New motor housing with insulating vinyl cover



New, improved gear mechanism.

PROD. NO. MOD. NO.	402114 MG1HD	402113 MG90HD
Collet Size	1/4"	1/4"
Free Speed (RPM)	20,000	14,500
Overall Length	5-3/4"	7-1/2"
Avg. Air Consumption (cfm)	4.5	5
Min. Hose Size	3/8"	3/8"
Air Inlet (NPT)	1/4"	1/4"
Sound Pressure (dBA)	95	95
Vibration (m/s ²)	1.8	2
Product Weight	1.35 lb (0.61 kg)	2 lb (0.9 kg)



Small diameter nose extension design for narrow openings



3" Extended Shaft



6" Extended Shaft

DIE GRINDERS

- Powerful .6 horsepower motor
- Front exhaust, compact motor housing
- Motor shaft features ball bearings front and back, and motor end plates are made from durable die cast aluminum metal for maximum life and performance
- Features a special "coupling nut" which connects the motor to the extended shaft, for vibration absorption and easy dismantling during repairs
- Insulating vinyl cover for operator comfort and safety
- Lever throttle with roller tip for ease of operation
- Air inlet screen filters air line debris, extending motor life
- Outstanding power, performance, durability and life
- Ideal for most heavy duty industrial applications

.6 HP 1/4" 3" Extended Die Grinder - Heavy Duty

402121 / MG3HDE

- Coupler features a third ball bearing for longest life and smooth operation
- 3" extended shaft made from solid bar stock features three precision ball bearings, and the inside housing is precision machined and polished, ensuring an incredibly smooth, accurate performance, minimal run-out and longest life
- Fully polished, chrome plated extended shaft

Standard Accessories: Collet Wrenches

.6 HP 1/4" 6" Extended Die Grinder - Heavy Duty

402115 / MG6HDE

- 6" extended shaft features two large precision ball bearings offering a smooth, accurate performance, minimal run-out and longest life

Standard Accessories: Collet Wrenches

PROD. NO. MOD. NO.	402121 MG3HDE	402115 MG6HDE
Collet Size	1/4"	1/4"
Free Speed (RPM)	20,000	20,000
Overall Length	9-3/4"	12"
Avg. Air Consumption (cfm)	5.1	4.5
Min. Hose Size	3/8"	3/8"
Air Inlet (NPT)	1/4"	1/4"
Sound Pressure (dBA)	88	93
Vibration (m/s ²)	2.2	4.6
Product Weight	1.89 lb (0.85 kg)	2.72 lb (1.22 kg)

DIE GRINDERS



- Powerful .9 horsepower motor
- Air inlet screen filters airline debris, extending motor life
- Ideal for most heavy duty industrial applications

.9 HP 1/4" Die Grinder - Heavy Duty 402123 / MG19HD

- Motor shaft features ball bearings front and back, and motor end plates are made from durable die cast aluminum metal for maximum life and performance
- Insulating vinyl cover for operator comfort and safety
- Lever throttle with roller tip for ease of operation
- Outstanding power, performance, durability and life



Front exhaust, compact motor housing - only 6-1/2" long!

.9 HP 1/4" 6" Extended Die Grinder - Heavy Duty 402124 / MG69HDE

- Motor shaft features ball bearings front and back, and motor end plates are made from durable die cast aluminum metal for maximum life and performance
- Features a special "coupling nut" which connects the motor to the extended shaft, for vibration absorption and easy dismantling during repairs
- 6" extended shaft features two large precision ball bearings offering a smooth, accurate performance, minimal run-out and longest life
- Insulating vinyl cover for operator comfort and safety
- Lever throttle with roller tip for ease of operation
- Outstanding power, performance, durability and life



6" Extended Shaft
Front exhaust with a 360° swivel directs exhaust away from the operator

.9 HP 1/4" Die Grinder - Super Heavy Duty 402116 / DG149HD

- Our best high performance die grinder
- Housing precision machined from solid bar stock for superior strength
- Motor has two ball bearing construction, finely honed alloy steel cylinder and two steel end plates ensure maximum performance and life
- Rear exhaust directs air away from work piece

Standard Accessories: Collet Wrenches



PROD. NO. MOD. NO.	402123 MG19HD	402124 MG69HDE	402116 DG149HD
Collet Size	1/4"	1/4"	1/4"
Free Speed (RPM)	20,000	18,000	18,000
Overall Length	6-1/2"	12.86"	7-1/16"
Avg. Air Consumption (cfm)	6	6	6
Min. Hose Size	3/8"	3/8"	3/8"
Air Inlet (NPT)	1/4"	1/4"	1/4"
Sound Pressure (dBA)	93	90	92
Vibration (m/s ²)	2.5	2.5	2.5
Product Weight	1.45 lb (0.66 kg)	2.95 lb (1.33 kg)	1.6 lb (0.72 kg)

Accessories

- **Note:** Use 1/4" shank machined mandrel (599021 - 599024) for mounting cut-off wheels with 3/8" holes

Push button, self locking lever throttle for comfort, control and safety



Heavy duty Erickson® collet ensures maximum strength and life



For maximum performance we recommend 90 PSI air pressure.

ANGLE GRINDERS



402304



402305

Angle Grinders

- An excellent standard duty angle grinder
- Lightweight and compact design
- Self-locking lever throttle prevents accidental start-ups
- Ideally suited to the automotive aftermarket and medium duty industrial markets such as the M.R.O. and machine shop industries

Standard Accessories: side handle, guard, wrenches, grinding wheel, 5/8" - 11 NC adapter

PROD. NO. MOD. NO.	402304 AG40L	402305 AG50L
Wheel Diameter	4"	5"
Spindle Thread	10 mm x 1.25" *	10 mm x 1.25" *
Free Speed (RPM)	11,000	11,000
Avg. Air Consumption (cfm)	6	6
Min. Hose size	3/8"	3/8"
Air Inlet (NPT)	1/4"	1/4"
Sound Pressure (dBA)	91	91
Vibration (m/s ²)	0.7	0.7
Overall Length	8-3/4"	8-3/4"
Product Weight	4 lb (1.8 kg)	4.3 lb (1.94 kg)

* Note: Both grinders come with 10 mm x 1.25" spindle shafts. However, included in each box is an adapter to convert these units to a 5/8" - 11 NC thread if desired.

5" Angle Grinder - Heavy Duty

402313 / AG50HD

- Hardworking, compact .7 horsepower grinder designed for professional use
- Spindle lock for easy accessory changes
- Adjustable swivel guard has 9 positive lock settings, no tools required
- Composite housing and insulated side handle for operator comfort and control
- Rear exhaust directs air away from workplace
- Low noise, only 83 dBA
- Safety toggle on throttle lever prevents accidental start-ups
- Spindle backing plate and wheel nut suitable for use on all cut-off (T1) and grinding (T27) wheels up to 1/4" thickness

Standard Accessories: Side handle, guard, wrench

Optional Accessories: Anti-vibration handle (905781), quick nut (905782)



905782



905781

5" Angle Grinder - Super Heavy Duty

402312 / AG50SD

- Powerful .9 horsepower angle grinder for heavy duty applications
- Lightweight and compact design with new moulded handle grip
- Upgraded gear design offers up to twice the life of previous models
- Positive lock push-button throttle prevents accidental start-ups
- 5/8" - 11 NC threaded shaft for use with all popular North American accessories
- Spring loaded side exhaust valve is only open during open throttle operations cutting exhaust noise and preventing foreign matter from entering into the tool
- 360° swivel exhaust mechanism allows operator to choose direction of exhausted air
- Equipped with convenient side handle for maximum operator control
- Grease port for easy and convenient maintenance of gears
- Heavy duty wheel guard
- Air inlet screen filters air line debris, extending motor life

Standard Accessories: Side handle, guard, wrenches

Optional Accessory: Backing plate for use with cut-off wheels up to 1/8" (905318)

Upgraded gear design for longer life



402312



905318

Our most powerful 5" air angle grinder

For maximum performance we recommend 90 PSI air pressure.



PROD. NO. MOD. NO.	402313 AG50HD	402312 AG50SD
Wheel Diameter	5"	5"
Spindle Thread	5/8" - 11 NC	5/8" - 11 NC
Free Speed (RPM)	11,000	11,000
Avg. Air Consumption (cfm)	4	30
Min. Hose size	3/8"	3/8"
Air Inlet (NPT)	1/4"	1/4"
Sound Pressure (dBA)	83	91
Vibration (m/s ²)	2.4	0.6
Horsepower	.7	.9
Overall Length	9-1/2"	9-11/16"
Product Weight	4.4 lb (1.98 kg)	3.1 lb (1.4 kg)



905781



905319

Upgraded gear design
for longer life



905319

ANGLE GRINDERS

7" Angle Grinder with Anti-Vibe Handle - Heavy Duty

402333 / AG70HD

- Powerful 1 horsepower angle grinder designed for the professional user
- Handy spindle lock for easy accessory changes
- Insulated rear handle and anti-vibration side handle for increased operator comfort and safety
- Safety release button on lever throttle prevents accidental start-ups
- Front exhaust outlet directs air away from the operator
- Exhaust outlet equipped with diffuser/muffler for quieter work place
- Spindle backing plate and wheel nut suitable for use on T27 wheels from 1/8" to 1/4" thickness

Standard Accessories: Anti-vibration side handle (905781), guard, hex wrench

Optional Accessories: Backing plate and wheel nut for thin wheels (905319)

7" Angle Grinder - Super Heavy Duty

402332 / AG70SD

- Powerful 1.2 horsepower angle grinder for heavy duty applications
- Lightweight and compact design with new moulded handle grip
- Upgraded gear design offers up to twice the life of previous models
- Positive lock push-button throttle prevents accidental start-ups
- 5/8" - 11 NC threaded shaft for use with all popular North American accessories
- Spring loaded side exhaust valve is only open during open throttle operations, cutting exhaust noise and preventing foreign matter from entering into the tool
- 360° swivel exhaust mechanism allows operator to choose direction of exhausted air
- Equipped with convenient side handle for maximum operator control
- Grease port for easy and convenient maintenance of gears
- Heavy duty wheel guard
- Air inlet screen filters air line debris, extending motor life

Standard Accessories: Side handle, guard, wrenches

Optional Accessory: Backing plate for use with cutting off wheels (905319)

Note: Optional backing plate is not for use on grinding operations



PROD. NO. MOD. NO.	402333 AG70HD	402332 AG70SD
Wheel Diameter	7"	7"
Spindle Thread	5/8" - 11 NC	5/8" - 11 NC
Free Speed (RPM)	7,000	7,800
Avg. Air Consumption (cfm)	6	45
Min. Hose Size	3/8"	1/2"
Air Inlet (NPT)	1/4"	3/8"
Sound Pressure (dBA)	102	97
Vibration (m/s ²)	.52	.6
Horsepower	1	1.2
Overall Length	13-3/4"	13-13/16"
Product Weight	7.7 lb (3.47 kg)	6.4 lb (2.88 kg)

CUT-OFF TOOLS

- Lever throttle for ease of operation
- Air inlet screen filters air line debris, extending motor life

3" 90° Angle Head Cut-Off Tool - Heavy Duty 409012 / CO390HD

- Powerful .6 horsepower motor
- Rear exhaust, compact motor housing
- Unique design to gain access in hard to reach places
- Grease port for easy and convenient maintenance of gears
- Outstanding power, performance, durability and life
- Ideal for professional automotive and industrial applications

3" Cut-Off Tool - Heavy Duty 409015 / CO3HD

- Powerful .6 horsepower motor
- Rear exhaust, compact motor housing
- Insulating vinyl cover for operator comfort and safety
- Outstanding power, performance, durability and life
- Premium motor cylinder and 6 vane motor design for improved performance and life
- Ideal for professional automotive and industrial applications

PROD. NO. MOD. NO.	409012 CO390HD	409015 CO3HD
Free Speed (RPM)	18,000	20,000
Avg. Air Consumption (cfm)	5	4.5
Min. Hose Size	3/8"	3/8"
Air Inlet (NPT)	1/4"	1/4"
Overall Length	7-5/16"	7"
Disc Arbor Size	3/8"	3/8"
Horsepower	.6	.6
Cutting Wheel Size	3"	3"
Sound Pressure dBA	3	98
Product Weight	2.42 lb (1.10 kg)	1.75 lb (0.79 kg)



Heavy duty wheel guard, can easily adjust to direct debris from the operator.

Insulating vinyl cover for operator comfort and safety

Motor shaft features ball bearings front and back, and motor end plates are made from durable die cast aluminum metal for maximum life and performance



For maximum performance we recommend 90 PSI air pressure.



CUT-OFF TOOLS

3" Cut-Off Tool - Reversible - Heavy Duty

409014 / CO3DHR

- Powerful, industry leading .85 horsepower motor
- Unique reversible design allows operator to direct sparks away from themselves and sensitive areas for improved safety, control and convenience
- Lightweight composite body design offers maximum operator comfort and control
- Composite tools do not run "cold" like aluminum body tools
- Rear exhaust
- Lever throttle for ease of operation
- Air inlet screen filters air line debris, extending motor life
- 3/8" mandrel fits common sizes of cut-off discs
- Ideal for all professional automotive and industrial applications requiring maximum power and reversible capabilities



4" Cut-Off Tool - 6" Extended - Heavy Duty

409016 / CO4HDE

- Powerful .7 horsepower motor for professional use
- Push button, 8 position adjustable swivel blade guard rotates 126° - no tools required to change positions
- Extra long 6" extended neck allows access to many difficult areas and two hand operation for maximum control and flexibility
- Built-in convenient adjustable air regulator on top of tool
- Comfortable rubber molded cushion grip design
- Rear exhaust
- Lever throttle for ease of operation
- Air inlet screen filters air line debris, extending motor life
- 3/8" mandrel fits common sizes of cut-off discs
- Uses up to 4" cut-off wheels
- Ideal for professional automotive and industrial applications requiring a long reach cut-off tool



PROD. NO. MOD. NO.	409014 CO3DHR	409016 CO4HDE
Free Speed (RPM)	20,000	17,000
Avg. Air Consumption (cfm)	4	4
Min. Hose Size	3/8"	3/8"
Air Inlet (NPT)	1/4"	1/4"
Overall Length	6-3/4"	15-3/4"
Disc Arbor Size	3/8"	3/8"
Horsepower	.85	.7
Cutting Wheel Size	3"	4"
Sound Pressure dBA	85	84
Product Weight	2 lb (0.9 kg)	3.7 lb (1.67 kg)