

REBEL SERIES

GRINDERS AND SANDERS

Rebel series grinders and sanders are powerful tools designed to overcome the challenges of heavy-duty industrial applications. Grind through heavy welds, rapidly remove parting lines or cut & grind through large gates with the most powerful right-angle grinders and sanders from Dynabrade. The 1.3 hp tool provides operators with a lightweight & powerful tool while 2.8 hp tool varieties provide added power for substantial industrial applications.

Durability has been elevated to a new level with the Rebel Series. Innovative designs protect critical motor parts ensuring longevity and consistent performance as well as extending time between recommended maintenance.

The Rebel Series has been thoughtfully designed to be compatible with a wide variety of abrasive products. From coated abrasives used in surface preparation and blending to bonded abrasives for heavy duty grinding, cutting and notching, or specialized diamond abrasives for cutting thick, hardened epoxy resins the Rebel Series has a tool for the application.

IDEAL INDUSTRIES



POWER

- Tackle heavy and extreme-duty applications with ease.
- Governor-controlled motor ensures consistent performance.

DURABILITY

- Rugged, cast aluminum motor housing.
- “Wick Lube” system extends Rebel 1.3 hp gear life with simple lubrication.
- 1,000+ hours between recommended maintenance, Rebel 2.8 hp tools.

COMPATIBILITY

- Work with fiber discs, layered flap discs, type 27, 29, 41 or 42 abrasive wheels using guard and flange configurations.
- Adjustable guards & vibration dampening handles allow for left or right-handed use.



*American-made from the highest grade materials
for long-life and high durability.*

LIFETIME
WARRANTY



REBEL 1.3 HP SERIES

GRINDERS AND SANDERS



(MODEL 52632 SHOWN)

	FEATURE	BENEFIT
1	SPINDLE LOCK	Quick and easy abrasive changeout
2	ROTATIONAL EXHAUST	360° rotation, directs exhaust away from operator
3	VIBRATION DAMPENING HANDLE	Reduces vibration transfer to operator
4	"WICK LUBE" SYSTEM	Extends gear life
5	INSULATED THROTTLE HANDLE	Insulates operator's hand from cold air transfer

The Rebel 1.3 hp series is a family of sanders and grinders that deliver huge power in a compact, ergonomic package. The complete range of tools can mount and effectively drive commonly utilized abrasives for cutting, grinding and sanding applications. Operator safety and comfort while working were paramount to the Rebel series' design including features that protect from debris or keep an operators' body in a natural, ergonomic working position.

SPIRAL BEVELED GEARS

- Low vibration and even wear



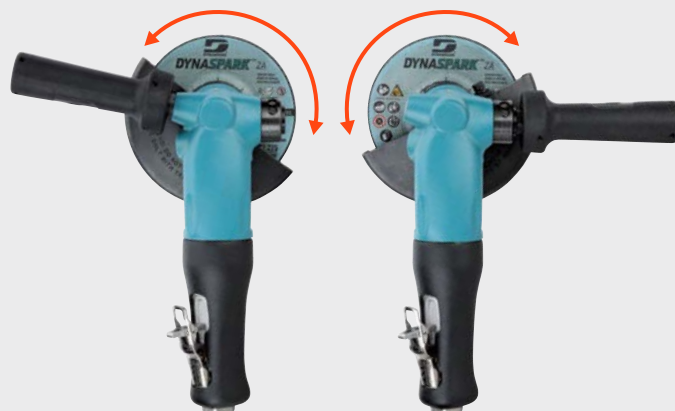
ROTATABLE MUFFLER

- Directs exhaust away from operator



MULTI-POSITION GUARD

- Rotates for operator protection and improved sightlines



****NOTE:** Refer to Dynabrade Abrasive Solutions catalog for a complete selection of compatible abrasives.

1.3 HP DISC SANDERS

PREPARATION & BLENDING

Rebel 1.3 hp disc sanders are the perfect combination of speed and power for use with Dynafire™ premium ceramic coated abrasive fiber discs. The productivity enhancing combination makes short work of medium to heavy-duty blending and preparation applications.



5" (125 MM)
52596



5" (125 MM)
52635

TECH TIP

Always present the tool and abrasive to the work piece at a 10° – 15° angle for efficient abrasive use and to prevent gouging.

THERMOPLASTIC BACK-UP PADS

- Fins help expel heat from disc pad extending disc life



Dia.	Part No.	Pad MOS RPM	Center Hole Dia.	Female Thread	Density
4-1/2" (115 mm)	50150	13,000	—	M14 x 2	Medium
	50288		5/8"	—	Hard
	50289		—	3/8" - 24	Hard
	51148		5/8"	—	Medium
	51149		—	5/8" - 11"	Medium
5" (125 mm)	50151	12,000	—	M14 x 2	Medium
	50296		5/8"	—	Hard
	51150		5/8"	—	Medium
7" (180 mm)	50152	8,500	—	M14 x 2	Hard
	50297		5/8"	—	Medium
	51151		5/8"	—	Hard

RUBBER MOLDED BACK-UP PADS

- Spiral ribs provide contact points and form air-flow channels, extending disc life



Dia.	Part No.	Pad MOS RPM	Thread	Density
4-1/2" (115 mm)	50157	13,500	M14 x 2	Medium
	50281		5/8" - 11" Female	
5" (125 mm)	50282	13,000	5/8" - 11" Female	
7" (180 mm)	50283	8,600	5/8" - 11" Female	

FIBER DISC PHENOLIC BACK-UP PAD

- 5/8"-11 female thread
- Includes 50267 pad assembly with 50268 locking nut



Dia.	Part No.	Pad MOS RPM	Thread	Density
4-1/4" (110 mm)	50261	13,000	5/8" - 11" Female	Hard

Model No.	Diameter	RPM	Power	Vacuum Style	Max. Air Flow	Tool Thread	Weight	Height	Length
52631	4" (100 mm)	12,000	1.3 hp (969 W)	Non-Vacuum	43 SCFM (1,218 LPM)	3/8"-24 Male	4.3 lb (1.9 kg)	3.3" (85 mm)	10" (255 mm)
52634	4.5" (115 mm)					5/8"-11 Male	4.4 lb (2 kg)		
52635	5" (125 mm)						4.4 lb (2 kg)		
52657	7" (180 mm)	6,000				M14x2	4.5 lb (2 kg)	3-9/16" (90 mm)	
52802		7,200							
53868		8,500							
52656		6,000							
53869		8,500							
52596	5" (125 mm)	12,000		Vacuum		5/8"-11 Male	5.5 lb (2.5 kg)	4" (100 mm)	16" (410 mm)
52597	7" (180 mm)	6,000					5.8 lb (2.6 kg)		

Additional Specifications Air Inlet 3/8" NPT | Air Hose I.D. 3/8" (10 mm) | Air Pressure 90 PSIG (6.2 Bar)
Each model includes spiral face thermoplastic back-up pad. Abrasives shown are sold separately.

For the most current tool specifications, visit dynabrade.com