

# 31A Belt Disc Sander

A new 6-inch belt/12-inch disc sander packed with features and performance.



The Gold Standard Since 1921. **POWERMATIC**<sup>®</sup>

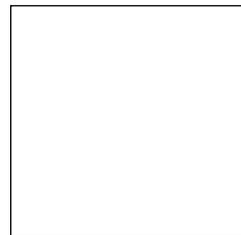
# 31A Belt Disc Sander

Loaded with features, the new 31A from Powermatic can tackle the most demanding tasks. Full cast iron construction allows both metal and woodworking to be done on the same machine and the Integral Dual Dust Port keeps both belt and disc portions clean, extending abrasive life. ■ The articulating table mounted on the 6" x 48" belt sander head can be used vertically, horizontally, or angled to accommodate any job. The belt head has an indexing pin with stops at 0, 45 and 90 degrees and the head lock allows use at any angle in between. ■ Removing the top guard facilitates contour sanding and the cast iron tables with miter gauge slots and positive stops make set-up fast, accurate, and simple for any angle.

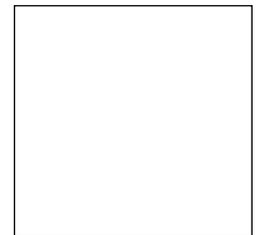
FEATURE	BENEFIT
1½ HP motor	Provides plenty of power for any sanding operation
Heavy cast iron construction	Designed for metal and woodworking applications, minimized vibration
Multi-position belt head with indexing pin and head lock. Locks at 0, 45 and 90 degrees	No need for tools to change belt position from vertical to horizontal and locks in any setting in between
Table for belt head tilts 0 to 45 degrees downward with miter gauge slot and is adjustable for various angles	Configures for both vertical and horizontal use and allows for compound angle sanding as well as backstop or edge work
Full steel construction integral dust collection for both belt and disc	Accommodates both metal and woodworking, keeps work areas clear and prolongs abrasive life
Fast tensioning and quick tracking knobs	Allows quick abrasive changing and tracking
Removable top guard	Allows for contour sanding
Full cast iron platen with solid crowned aluminum drums	Insures steady belt tracking with no heat build-up
12" balanced disc with tilt table +15 degrees to -45 degrees with miter slot	Accurate for pattern work and versatility



*Both the belt and disc tables are precision ground cast iron and accommodate a full range of angles.*



*Patented articulating table mounted on the belt side can be used as backstop fence, tilt table or skewed for edge work.*



*Removal of top drum guard allows for more than straight or angle sanding.*

**The Gold Standard Since 1921.**

**POWERMATIC®**  
WMH TOOL GROUP



Fast and accurate belt tension and tracking controls

Belt unit features patented tilting table that doubles as a backstop fence

Precision balanced 12-inch disc with large table surface for accurate angle work

Rugged cast iron construction

Both belt and disc units are internally connected to a single 4-inch dust collection port

# 31A Belt Disc Sander

Model/Mfg	31A	
Stock Number 1PH	1791288K	
Motor HP/Voltage/PH	1½HP 115/230V (push button) 1PH	
Stock Number 3PH	1791292K	
Motor HP/Voltage/PH	2HP 230/460V magnetic 3PH	
Belt Size	6" x 48"	
Disc Size	12"	
Table Working Height	34" disc, 36" belt	
Sanding Arm Locking Positions	0, 45, 90 degrees	
Disc Table Size	14½" x 6½"	
Table Tilt	15 degrees up 45 degrees down	
Belt Table Size	13" x 7½"	
Table Tilt	15 degrees up 45 degrees down	
Belt Speed	2410 fpm	
Disc Speed	2375 rpm	
Dust Connect Diameter	4"	
CFM	400	
Shipping Weight Lbs	275 lbs	
Net Weight Lbs	247 lbs	
Overall Dimensions L x W x H	24" x 31¼" x 54½"	
PN Accy. 12" Sanding Disc Master Box (50 ea.)		
PN Accy. Disc 36 Grit	57698525	
PN Accy. Disc 50 Grit	57698650	
PN Accy. Disc 60 Grit	57698750	
PN Accy. Disc 80 Grit	57698850	
PN Accy. Disc 100 Grit	57698950	
PN Accy. Disc 120 Grit	57699050	
PN Accy. 6" x 48" Sanding Belt Master Box (10 ea.)		
PN Accy. Belt	Closed Coat	Open Coat
PN 24 Grit	57617110	57432910
PN 40 Grit	57617210	57422110
PN 60 Grit	57617410	57422210
PN 80 Grit	57617510	57422310
PN 100 Grit	57617610	57422410
PN 120 Grit	57617710	57422510
PN 150 Grit	57512210	57422610
PN 180 Grit	57512310	57422710