

# **PALMGREN<sup>®</sup>**

**EMBRACE  
THE WORK**



**FINISHING MACHINE  
CATALOG**

# PALMGREN BUILDS THE HIGHEST QUALITY ABRASIVE FINISHING MACHINES FOR YOUR USE.

*Our reputation for quality abrasive finishing equipment is based on leadership and innovation. Our products offer you more design features than any others. If you want the best tool for the job and the best value for your money – specify Palmgren.*

## QUALITY

*Palmgren products are built to meet high quality standards, to assure you better, safer use and greater convenience while providing longer service.*

## VALUE

*When you get the best at a competitive price, you get value. The extra features and performance built into our products make them the best buy for your money.*

## SPECIAL FEATURES

*Throughout the catalog, various symbols are used to help you identify key points. Palmgren has many different models and types of abrasive finishing and buffing machines to choose from. They are engineered and built to handle large, medium and small size parts, flat or contoured shaped parts and fit the following four categories.*



### UNRIVALED

*Our very best premium machinery, built with premium features for heavy, consistent usage.*



### EXCEPTIONAL

*Machinery with superior features and performance, built for medium usage.*



### PREFERRED

*Good machinery with desirable features and good value, built for medium to light usage.*



### FAVORED

*Our best priced product with features built for light usage.*



*Our premier inverter variable speed products available from Palmgren, offering maximum machine versatility.*

**PALMGREN®**  
**3 YEAR**  
**WARRANTY**

**INDUSTRY LEADING  
WARRANTY AND SERVICE**

Our 3-year warranty on all finishing machines is the most generous warranty in the industry. We have complete confidence in our products. The length of our warranty is a reflection of our faith in their quality. Naturally, this is manufacturing, stuff happens. Regardless, we hold one constant: if issues should arise, we will be there to make it right with over 25,000 parts in stock and a nationwide service and support network of machine tool repair companies.

**EMBRACE  
THE WORK**

*At Palmgren we build tools for those who choose to work. Tools that were made to be used, that flex endless muscle, take a beating and ask for more. Tools that will stand by you on your daily grind. Tools that help you Embrace your Work.*

**PALMGREN®**



Versatility is a major advantage as most machines can be converted from medium to heavy stock removal to finishing operations.

To optimize performance with your finishing machine the chart below is a helpful tool to assist you in identifying the model of finishing machine that works best to fit your specific application.

Abrasive finishing can be divided into four broad categories:

- Rough or Coarse Grinding - removes excess material or imperfections from the workpiece in preparation for subsequent finishing operations.
- Intermediate Grinding or Blending - bringing the workpiece to a predetermined size or shape from an "as formed" condition or following a roughing operation.
- Final Finishing and Polishing - bringing the workpiece to the surface finish required for buffing, plating, bluing or other surface treatments or coatings.
- Precision Sizing & Finishing - surface finish refinement producing high quality flat surfaces with close tolerance control

		TYPE OF MATERIALS TO BE FINISHED						WORKPIECE SIZE		
MODEL	DESCRIPTION	Ferrous Metals	Non-Ferrous Metals	Wood	Plastic	Carbide	Composites	Small Parts	Medium Parts	Large Parts
9682061	6", 1/3HP, 1PH Bench Grinder	•	•					•	•	
9682062	6", 1/3HP, 1PH Bench Grinder	•	•					•	•	
9682071	7", 1/2HP, 1PH Bench Grinder	•	•					•	•	
9682081	8", 3/4HP, 1PH Bench Grinder	•	•				•	•	•	
9682082	8", 3/4HP, 3PH Bench Grinder	•	•				•	•	•	
9682101	10", 1HP, 1PH Bench Grinder	•	•				•	•	•	•
9682102	10", 1HP, 3PH Bench Grinder	•	•				•	•	•	•
9682121	12", 2HP, 1PH Bench Grinder	•	•				•	•	•	•
9682072	6", 1/2HP, PowerGrind-XP Bench Grinder	•	•				•	•	•	
9682073	8", 1HP, PowerGrind-XP Bench Grinder	•	•				•	•	•	•
9682075	10", 1½HP, PowerGrind-XP Bench Grinder	•	•				•	•	•	•
9682077	12", 3HP, PowerGrind-XP Bench Grinder 3PH	•	•				•	•	•	•
9682096	6", 1/2HP Powergrind-XP, VS Bench Grinder	•	•				•	•	•	•
9682097	8", 1HP Powergrind-XP, VS Bench Grinder	•	•				•	•	•	•
9682098	10", 1½HP Powergrind-XP, VS Bench Grinder	•	•				•	•	•	•
9682090	6" Grinder 1750 RPM 1/4HP	•	•				•	•	•	•
9682088	Combination 8" Wheel Bench Grinder / 2" x48" Belt Grinder	•	•		•		•	•	•	•
9682060	6" Bench Grinder With Light	•	•				•	•	•	
9682089	8" Variable Speed Bench Grinder With Wire Wheel	•	•				•	•	•	
9682066	6" Grinder/Stand Combo	•	•				•	•	•	•
9682078	8" Grinder/Stand Combo	•	•				•	•	•	•
9682086	10" Grinder/Stand Combo	•	•				•	•	•	•
9682115	6" VS Grinder/Stand Combo	•	•				•	•	•	•
9682116	8" VS Grinder/Stand Combo	•	•				•	•	•	•
9682117	10" VS Grinder/Stand Combo	•	•				•	•	•	•
9682070	6" Grinder/DC-Stand Combo	•	•				•	•	•	•
9682079	8" Grinder/DC-Stand Combo	•	•				•	•	•	•
9682085	10"Grinder/DC-Stand Combo	•	•				•	•	•	•
9682112	6" VS Grinder/DC-Stand Combo	•	•				•	•	•	•
9682113	8" VS Grinder/DC-Stand Combo	•	•				•	•	•	•
9682114	10" VS Grinder/DC-Stand Combo	•	•				•	•	•	•

MATERIAL REMOVAL			DUST PORT	TYPE OF FINISHING OPERATION													MACHINE OPERATION						
Light Stock Removal	Medium Stock Removal	Heavy Stock Removal	Dust Collection	Roughing	Shaping	Contouring	Flat Grinding	Angle Grinding	Deburring	Chamfering	Beveling	Edge Finishing	Sharpening	Cleaning	Buffing	Polishing	Grinding Wheel	Wire Wheel	Non-Woven Abrasive Wheel	Buffing/Polishing Wheel	Abrasive Belt	Abrasive Disc	Flap Wheel
•	•		NO	•	•		•	•	•	•		•		•			•	•	•				
•	•		YES	•	•		•	•	•	•		•		•			•	•	•				
•	•		YES	•	•		•	•	•	•		•		•			•	•	•				
•	•	•	YES	•	•		•	•	•	•		•		•			•	•	•				
•	•	•	YES	•	•		•	•	•	•		•		•			•	•	•				
•	•	•	YES	•	•		•	•	•	•		•		•			•	•	•				
•	•	•	YES	•	•		•	•	•	•		•		•			•	•	•				
			YES	•	•		•							•			•	•	•				
			YES	•	•		•							•			•	•	•				
			YES	•	•		•							•			•	•	•				
			YES	•	•		•							•			•	•	•				
			YES	•	•		•							•			•	•	•				
			YES	•	•		•							•			•	•	•				
•	•		YES	•	•	•	•	•	•	•	•	•		•			•	•					•
•	•	•	YES	•	•	•	•	•	•	•	•	•	•	•			•				•		•
•	•		NO	•	•	•	•	•	•	•	•	•		•			•	•					•
•	•		NO	•	•	•	•	•	•	•	•	•		•			•	•					•
•	•		YES	•	•	•	•	•	•	•	•	•		•			•						
•	•		YES	•	•	•	•	•	•	•	•	•		•			•		•				
•	•	•	YES	•	•	•	•	•	•	•	•	•		•			•		•				
•	•		YES	•	•	•	•	•	•	•	•	•		•			•		•				
•	•		YES	•	•	•	•	•	•	•	•	•		•			•		•				
•	•	•	YES	•	•	•	•	•	•	•	•	•		•			•		•				
•	•		YES	•	•	•	•	•	•	•	•	•		•			•		•				
•	•	•	YES	•	•	•	•	•	•	•	•	•		•			•		•				
•	•		YES	•	•	•	•	•	•	•	•	•		•			•		•				
•	•	•	YES	•	•	•	•	•	•	•	•	•		•			•		•				
•	•		YES	•	•	•	•	•	•	•	•	•		•			•		•				
•	•	•	YES	•	•	•	•	•	•	•	•	•		•			•		•				

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Versatility is a major advantage as most machines can be converted from medium to heavy stock removal to finishing operations.

To optimize performance with your finishing machine the chart below is a helpful tool to assist you in identifying the model of finishing machine that works best to fit your specific application.

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- Precision Sizing & Finishing - surface finish refinement producing high quality flat surfaces with close tolerance control

MODEL	DESCRIPTION	TYPE OF MATERIALS TO BE FINISHED						WORKPIECE SIZE		
		Ferrous Metals	Non-Ferrous Metals	Wood	Plastic	Carbide	Composites	Small Parts	Medium Parts	Large Parts
9682063	6", 1/2HP, 1PH Buffer	•	•					•	•	
9682083	8", 3/4HP, 1PH Buffer	•	•					•	•	•
9682105	12", 2-Speed Buffer	•	•					•	•	•
9682106	6" 3/4HP, PowerGrind-VS Buffer	•	•					•	•	
9682107	8" 1HP, PowerGrind-VS Buffer	•	•					•	•	
9682108	10" 1½HP PowerGrind-VS Buffer	•	•					•	•	•
9682091	6" Buffer 1750 RPM 1/4HP	•	•					•	•	•
9682910	0.8HP Drill Sharpener	•				•				
9682122	6" x 12" Bench Surface Grinder with Stand	•	•					•		
9681312	12", 3/4HP Disc Abrasive Finishing Machine	•	•	•	•		•	•	•	
9681318	12" Disc Sander With Stand	•	•	•	•		•	•	•	
9681319	12" Variable Speed Disc Sander	•	•	•	•		•	•	•	
9681104	Variable Speed Combination 2" Belt & 12" Disc Machine	•	•	•	•		•	•	•	
9681106	Variable Speed Combination 2" Belt & 10" Buffer Machine	•	•	•	•		•	•	•	
9681107	Variable Speed 2" x 72" Dual Belt Machine	•	•	•	•		•	•	•	
9682401	1" x 42" Belt Grinder / Bench Model	•	•		•		•	•	•	
9682402	2" x 48" Belt Grinder / Bench Model	•	•		•		•	•	•	
9682404	4" x 36" Belt Grinder / Bench Model	•	•		•		•	•	•	•
9682418	6" x 48" Belt Finishing Machine	•	•	•	•	•	•	•	•	•
9681061	Combination 2" Belt & 6" Disc Machine	•	•	•	•		•	•	•	
9681063	Combination 4" Belt & 8" Disc Machine	•	•	•	•	•	•	•	•	•
9681093	Combination 6" Belt & 9" Disc Machine	•	•	•	•		•	•	•	•
9681123	Combination 6" Belt & 10" Disc Machine	•	•	•	•	•	•	•	•	•
9681122	Combination 6" Belt & 12" Disc Machine	•	•	•	•	•	•	•	•	•
9681108	Combination 6" Belt & 14" Disc Machine	•	•	•	•	•	•	•	•	•

MATERIAL REMOVAL			DUST PORT	TYPE OF FINISHING OPERATION												MACHINE OPERATION							
Light Stock Removal	Medium Stock Removal	Heavy Stock Removal	Dust Collection	Roughing	Shaping	Contouring	Flat Grinding	Angle Grinding	Deburring	Chamfering	Beveling	Edge Finishing	Sharpening	Cleaning	Buffing	Polishing	Grinding Wheel	Wire Wheel	Non-Woven Abrasive Wheel	Buffing/Polishing Wheel	Abrasive Belt	Abrasive Disc	Flap Wheel
•	•		NO											•	•	•			•	•			•
•	•		NO											•	•	•			•	•			•
•			YES									•		•	•	•				•			•
			NO											•	•	•				•			•
			NO											•	•	•				•			•
•	•		NO	•	•	•	•	•	•	•	•	•		•	•	•				•			
			NO											•	•	•	•						
			NO		•		•										•						
			YES	•	•	•	•	•	•	•	•			•									•
			YES	•	•	•	•	•	•	•	•			•									•
•	•		YES	•	•	•	•	•	•	•	•	•		•									•
•	•		YES	•	•	•	•	•	•	•	•	•		•									•
•	•		YES	•	•	•	•	•	•	•	•	•		•									•
•	•		YES	•	•	•	•	•	•	•	•	•		•									•
•	•	•	YES	•	•	•	•	•	•	•	•	•		•									•
•	•		YES	•	•	•	•	•	•	•	•	•		•									•
•	•		YES	•	•	•	•	•	•	•	•	•		•									•
•	•		YES	•	•	•	•	•	•	•	•	•		•									•
•	•		YES	•	•	•	•	•	•	•	•	•		•									•
•	•	•	YES	•	•	•	•	•	•	•	•	•		•									•

## HEAVY DUTY BENCH GRINDERS

Palmgren's bench grinders are designed and built with high-quality motors for heavy duty use and long duty cycles. Our stated horsepower is actual sustained horsepower under 100% loads with less than 1% loss from stated RPMs at same 100% loads.

Designed to do more, a Palmgren bench grinder provides you with 4 to 7 times longer duty cycles under load and 8 times less speed degradation than any other competitor.

Palmgren's line up of industrial grade bench grinders provide smooth, quiet power for all grinding, cleaning, deburring, chamfering and sharpening jobs. Designed to handle heavy stock removal to finishing applications these powerful units are built for continuous, efficient use all day, every day.

- Extended wheel-to-wheel clearance which allows longer items to be ground easily
- Dynamically balanced rotors and sealed bearings to minimize vibration and ensure smooth running
- Large adjustable tool rests for safe, efficient tilt and angle grinding
- Adjustable safety eye shields and spark guards easily positioned with hurricane bolts
- Exclusive single port dust collection system, on selected models
- Maximum performance, accuracy and value
- 9682061 comes with wheel guards with no dust collection ports
- 9682062 comes with wheel guards with dust collection ports
- 12" model comes standard with pedestal floor stand
- See page 30 & 31 for optional tool stands



9682061



9682081



9682101



## POWERGRIND™

Item #	Wheel Diameter	Dust Collection	Face Wheel	Arbor Hole	Exhaust Port	Wheels C to C	Length	Height	HP	Voltage	Phase	Max RPM	Amps
9682061	6"	No	3/4"	1/2"	—	14-1/4"	18-1/2"	10"	1/3	115/230	1	3450	3.5/1.75
9682062	6"	Yes	3/4"	1/2"	2-1/2"	14-7/8"	19-1/4"	10-1/2"	1/3	115/230	1	3450	3.5/1.75
9682071	7"	Yes	1"	5/8"	2-1/2"	16-1/2"	21"	13"	1/2	115/230	1	3450	5.0/2.5
9682081	8"	Yes	1"	5/8"	2-1/2"	16-1/2"	21"	13"	3/4	115/230	1	3450	7.0/3.5
9682082	8"	Yes	1"	5/8"	2-1/2"	16-1/2"	21"	13"	3/4	230/460	3	3450	2.2/1.1
9682101	10"	Yes	1"	1"	2-1/2"	20"	24"	16"	1	115/230	1	1725	10.0/5.0
9682102	10"	Yes	1"	1"	2-1/2"	20"	24"	16"	1	230/460	3	1725	3.3/1.7
9682121	12"	Yes	2"	1-1/4"	2-1/2"	21-3/4"	23"	50-1/2"	2	230	1	1725	10.0





## HEAVY DUTY BENCH GRINDERS

Palmgren's POWERGRIND-XP™ are the next generation in bench grinders. They provide more horsepower, torque and value added features delivering high productivity grinding solutions. A cut above the rest, POWERGRIND-XP industrial grade bench grinders provide smooth, quiet power for all your bench top grinding and finishing needs.

- Industrial grade capacitor motors
- Dynamically balanced rotors and sealed bearings to minimize vibration and ensure smooth running
- Extended wheel-to-wheel clearance which allows longer items to be ground and finished easily
- Large adjustable tool rests easily adjusted with hurricane bolts for safe, accurate grinding
- Comes with three tool rests – (2) standard flat top and (1) V-grooved top for sharpening drill bits with 118° drill point angle and 6" and 8" bench grinders include a wheel dresser
- 36 and 120 grit grinding wheels
- Exclusive single port dust collection system with coated steel hose
- Adjustable spark guards and safety eye shields – easily positioned with hurricane bolts
- See page 30 & 31 for optional tool stands



## POWERGRIND-XP™



9682072



9682073



9682075



Stand included only with 12" 9682077

Item #	Wheel Diameter	Dust Collection	Face Wheel	Arbor Hole	Exhaust Port	Wheels C to C	Length	Height	HP	Voltage	Phase	Max RPM	Amps
9682072	6"	Yes	3/4"	1/2"	2-1/2"	14-7/8"	19-1/4"	10-1/2"	1/2	115/230	1	3600	5.5/2.8
9682073	8"	Yes	1"	5/8"	2-1/2"	16-1/2"	21"	13"	1	115/230	1	3600	10/5
9682075	10"	Yes	1"	1"	2-1/2"	20"	24"	16"	1.5	115/230	1	1800	15/7.5
9682077	12"	Yes	2"	1-1/4"	2-1/2"	21-3/4"	23"	50-1/2"	3	230/460	3	1725	7.8/4.0



## GRINDING WHEEL DRESSERS

**Item # 9682901** - Small grinding wheel dresser, cast iron construction, hardened steel cutters, for use on grinding wheels up to 1" wide.

**Item # 9682902** - Large grinding wheel dresser, cast iron construction, hardened steel cutters, for use on 1" to 3" wide grinding wheels.

## VARIABLE SPEED BENCH GRINDERS

Palmgren's line up of deluxe variable speed bench grinders deliver the power, precision and versatility to handle a wide range of finishing applications. At maximum rpm's they are built for heavy material removal, deburring and chamfering applications. At the lower rpm range they effectively handle the more delicate cleaning, polishing, sharpening and other finishing operations.

- Equipped with the latest technology variable speed inverter delivering a broad range of continuous speeds to fit any application
- Powerful, heavy-duty capacitor motors provide additional torque and provide plenty of power at all speeds without any loss of rpm's at full load
- LED speed readout with "soft" touch on/off and variable speed control pad
- 3 hard speed switch settings 900 / 1800 / 3600 RPM for the 6" & 8" models and 900 / 1800 / 2400 RPM for the 10" model. Press the high or low switch button on touch pad to variably adjust the speed up or down in 100 RPM increments
- Dynamically balanced rotors and sealed bearings to minimize vibration and ensure smooth running operation
- Extended wheel to wheel clearance
- Large adjustable tool rests
- Adjustable safety eye shields and spark guards
- Exclusive single port dust collection
- Not compatible with GFCI outlets
- See page 30 & 31 for optional tool stands



9682096



9682097



9682098



OSHA®  
COMPLIANT

## POWERGRIND-XP™

Item #	Wheel Diameter	Dust Collection	Face Wheel	Arbor Hole	Exhaust Port	Wheels C to C	Length	Height	HP	Voltage	Phase	RPM	Amps
9682096	6"	Yes	3/4"	1/2"	2-1/2"	14-7/8"	19-1/4"	10-1/2"	1/2	115/230	1	900 - 3600	3/1.5
9682097	8"	Yes	1"	5/8"	2-1/2"	16-1/2"	21"	13"	1	115/230	1	900 - 3600	6/3
9682098	10"	Yes	1"	1"	2-1/2"	20"	24"	16"	1.5	115/230	1	900 - 2400	7/3.5



## 6" LOW SPEED BENCH GRINDER

Palmgren's 6" heavy duty, low RPM, bench grinder is perfect for all of your edge sharpening needs. With its high-quality motor and cast-iron design, this grinder can be used in even the longest duty cycles. Our stated horsepower is the sustained horsepower when the grinder is under 100% loads. Designed for applications from heavy stock removal to fine finishing applications, this powerful grinder is built for continuous, efficient use all day, every day.

- Dynamically balanced rotors and sealed bearings to minimize vibration and ensure smooth running
- Large adjustable tool rests for safe, efficient tilt and angle grinding
- Adjustable safety eye shields and spark guards easily positioned with hurricane bolts
- Extended wheel-to-wheel clearance which allows for longer items to be ground easily
- 1,750 RPM motor allows for simple edge sharpening
- See page 30 & 31 for optional tool stands



9682090



OSHA®  
COMPLIANT

Item #	Wheel Diameter	Dust Collection	Face Wheel	Arbor Hole	Wheels C to C	Length	Height	HP	Voltage	Phase	RPM	Amps
9682090	6"	Yes	3/4"	1/2"	14-1/2"	19"	11"	1/4	115	1	1750	2.5



## COMBINATION BENCH & BELT GRINDER

Palmgren combined two machines into one. Ideal for grinding, deburring, polishing and finishing all types of parts, on any type of material. With such versatile capabilities this combination grinder eliminates the need for a number of different machines. Built with a powerful capacitor motor for use all day, every day.

- Dynamically balanced rotor and sealed bearings minimize vibration and ensure accuracy
- Front mounted safety on/off switch
- Adjustable work rests
- Dust collection ports
- Belt is adjustable in either the vertical or horizontal position or any position in-between
- See page 30 & 31 for optional tool stands



Item #	HP	Volts	Amps AC	Belt Size	Belt Speed SFPM	Wheel Diameter	Wheel Face Diameter	Wheel Speed (RPM)	Arbor Hole	Dust Port Size	Depth	Width	Height	Weight
9682088	3/4	115/230	7.0/3.5	2" x 48"	4500	8"	1"	3450	5/8"	2" Belt 3-1/4" Wheel	21"	14"	26"	74 lbs.

## ECONOMY BENCH GRINDERS

Palmgren bench grinders are a staple in every garage or shop. They provide smooth quiet power for all grinding, cleaning, deburring, chamfering and sharpening jobs. Dynamically balanced rotors and sealed bearings minimize vibration and ensure smooth running. The flex lamp with an independent switch allows for set up without the wheels running.

- Flexible lamp with independent switch (40W bulb not included)
- Eyeshields, spark arrestors and adjustable tool rests included
- 6" Single speed grinder includes 2 abrasive wheels, 36 & 60 grit
- 8" Variable Speed grinder includes a 60 grit abrasive wheel and a 8" crimped wire wheel
- See page 30 & 31 for optional tool stands



9682060



Item #	Wheel Diameter	Arbor Hole	Wheels C-C	Width	Depth	Height	HP	Voltage	Amps	Grit	Face	Max RPM	Weight
9682060	6"	1/2"	13"	13"	10"	13"	1/3	115	2.1	36 & 60	3/4"	3450	21 lbs.
9682089	8"	5/8"	16"	16"	10"	16"	1/2	115	5.0	60 & Wire Wheel	1"	2000-3400	38 lbs.



## POWERGRIND-XP™ BENCH GRINDER COMBOS

- Industrial grade capacitor motors
- Large adjustable tool rests easily adjusted with hurricane bolts for safe, accurate grinding
- Exclusive single port dust collection system with coated steel hose
- Adjustable spark guards and safety eye shields – easily positioned with hurricane bolts
- #9670100 Tool Stand

Item #	With XP Grinder	Overall Dimensions	Weight
9682066	6" - 9682072	19-1/4" x 10-1/2" x 43-1/2"	73 lbs.
9682078	8" - 9682073	21" x 13" x 46"	103 lbs.
9682086	10" - 9682075	24" x 16" x 49"	145 lbs.

Item #	With Variable Speed Grinder	Overall Dimensions	Weight
9682115	6" - 9682096	19-1/4" x 10-1/2" x 43-1/2"	73 lbs.
9682116	8" - 9682097	21" x 13" x 46"	103 lbs.
9682117	10" - 9682098	24" x 16" x 49"	145 lbs.



**POWERGRIND-XP™**



## POWERGRIND-XP™ FINISHING COMBOS WITH DUST COLLECTION

- Industrial grade capacitor motors
- Dynamically balanced rotors and sealed bearings to minimize vibration and ensure smooth running
- Large adjustable tool rests easily adjusted with hurricane bolts for safe, accurate grinding
- Exclusive single port dust collection system with coated steel hose
- #9686003 Dust Collection Tool Stand



Item #	With XP Grinder	Dust Collection HP	CFM	Port Size	Dust Container Volume	Overall Dimensions	Weight
9682070	6" - 9682072	1.5HP	472	2-3/8"	110 Cubic Inches	19-1/4" x 21-1/2" x 42-1/2"	130 lbs.
9682079	8" - 9682073	1.5HP	472	2-3/8"	110 Cubic Inches	21" x 21-1/2" x 45"	161 lbs.
9682085	10" - 9682075	1.5HP	472	2-3/8"	110 Cubic Inches	24" x 21-1/2" x 48"	203 lbs.

Item #	With Variable Speed Grinder	Dust Collection HP	CFM	Port Size	Dust Container Volume	Overall Dimensions	Weight
9682112	6" - 9682096	1.5HP	472	2-3/8"	110 Cubic Inches	19-1/4" x 21-1/2" x 42-1/2"	130 lbs.
9682113	8" - 9682097	1.5HP	472	2-3/8"	110 Cubic Inches	21" x 21-1/2" x 45"	161 lbs.
9682114	10" - 9682098	1.5HP	472	2-3/8"	110 Cubic Inches	24" x 21-1/2" x 48"	203 lbs.

**POWERGRIND-XP™**

## SINGLE SPEED BUFFERS

Palmgren's buffing machines easily remove scratches and other imperfections, bring out the natural luster of the metal and can effectively clean, finish, polish and buff a wide variety of materials. Each unit is equipped with a strong, powerful motor that supplies the necessary torque for start-up and operation under load.

- Large diameter armature shaft with shielded bearings for smooth operation
- Heavy duty cast iron construction for vibration free operation
- Buffing wheels included
- See page 30 & 31 for optional tool stands



9682083

**POWERGRIND™**

Item #	HP	RPM	Amps	Voltage	Shaft Diameter	Wheel Diameter	Min. Wheel Width	Max. Wheel Width
9682063	1/2	3450	5.0	115	1/2"	6"	5/16"	11/16"
9682083	3/4	3450	5.0/2.5	115/230	5/8"	8"	3/8"	3/4"



## BUFFER GUARDS



- Heavy steel construction
- Easily mounts to endshields of buffer
- Left or right side wheel operation
- Swivel hood for maximum coverage but still provides plenty of buffing wheel work surface
- 1-1/2" Dust Port extends from rear panel for connection to dust collection system
- Helps minimize flying parts and buffing compound dust

Item # 9682099 – Buffer Guard for 6" & 8" Buffers

Item # 9682100 – Buffer Guard for 10" Buffers

## 12" 2-SPEED DUAL HEAD BUFFER / POLISHING LATHE

Palmgren's 12" 2-speed buffer provides fast and effective deburring, finishing, graining, surface conditioning, polishing and buffing. Designed to run convolute wheels, wire wheels, flap wheels, nylon wheels, fiber or bristle-brush wheels as well as buffing and polishing wheels this buffer/polishing lathe will handle the most demanding polishing applications as well as fine detailing work.

- Production duty 2-speed motor
- Reliable oversized ball bearings, fully shrouded and sealed for extended life
- Plenty of room between the wheels to accommodate a wide variety of parts simply and quickly
- Cleanliness maximized by adjustable wheel covers with integrated 4" dust port
- Includes heavy-duty cast iron floor stand and a set of wheel spacers and washers



Item #	HP	RPM	Amps	Voltage	Phase	Shaft Diameter	Wheel Diameter
9682105	3/1.5	3450/1720	8.0/9.0	230	3	1-1/4"	12"

## VARIABLE SPEED BUFFERS

Palmgren's line up of deluxe variable speed buffers delivers the power, precision and versatility to handle a wide range of finishing applications. At maximum rpm's they are built for intermediate blending, polishing and surface conditioning applications. At the lower rpm range they effectively handle the more delicate final finishing, polishing, buffing and surface finish refinement operations.

- Equipped with the latest technology variable speed inverter delivering a broad range of continuous speeds to fit any application
- Powerful, heavy-duty capacitor motors provide additional torque and provide plenty of power at all speeds without any loss of rpm's at full load
- LED speed readout with "soft" touch on/off and variable speed control pad
- 3 hard speed switch settings 900 / 1800 / 3600 RPM for the 6" and 8" models and 900 / 1800 / 3000 RPM for the 10" model. Press the high or low switch button on touch pad to variably adjust the speed up or down in 100 RPM increments from the hard rpm setting
- Dynamically balanced rotors and sealed bearings to minimize vibration and ensure smooth running operation
- Extended wheel to wheel clearance
- Not compatible with GFCI outlets
- Buffing wheels included on #9682106 and #9682107
- See page 30 & 31 for optional tool stands



9682106



9682108



## POWERGRIND-XP™

Item #	HP	RPM	Amps	Voltage	Shaft Diameter	Wheel Diameter	Min. Wheel Width	Max. Wheel Width
9682106	3/4	900 - 3600	7/3.5	115/230	1/2"	6"	5/16"	7/8"
9682107	1	900 - 3600	12/6	115/230	5/8"	8"	5/16"	7/8"
9682108	1.5	900 - 3000	14/7	115/230	1"	10"	5/16"	3-1/2"



## 6" LOW SPEED BUFFERS

Palmgren's low speed buffing machine is the perfect buffer to remove scratches and other imperfections in any material. With lower buffing speeds this machine can effectively handle the more delicate finishing, polishing and buffing operations. Every buffer is equipped with a powerful motor that supplies the necessary torque for start up and operation under load.

- 1,750 RPM speeds allow for fine finishing applications
- Large diameter armature shaft with shielded bearings for smooth operation
- Heavy-duty cast-iron construction for vibration free operation
- See page 30 & 31 for optional tool stands



Item #	HP	RPM	Amps	Voltage	Shaft Diameter	Wheel Diameter	Min. Wheel Width	Max. Wheel Width
9682091	1/4	1750	2.5	115	1/2"	6"	5/16"	11/16"

## DRILL SHARPENER

For drill sharpening the Palmgren Drill Sharpener is designed for precision, efficient easy operation and has the flexibility required to sharpen the largest range of dull or broken drill bits including split points and masonry bits from 1/8" to 3/4".

Easy to use the drill bits are securely held in a prismatic vise for precise centering of the bit to the grinding wheel and very exact repeat accuracy. This design lets you grind a wide range of drill point variations – you can even customize point angles and clearances to achieve the most efficient feed rates to match your specific applications. Sharpens high speed steel, carbide, cobalt, TIN-coated and masonry bits with a drill bit capacity of 1/8" to 3/4", with an angle range of 90 to 150 degrees and relief angles of 0 to 20 degrees and drill point concentricity of .001" lip to lip.

The unit is constructed of cast iron and steel providing a rugged vibration free foundation and comes standard with cup grinding wheel, built in diamond wheel dresser, powerful 600W motor, broad infinitely variable speed range, magnetic switch with lockable emergency stop button and quench pot.

This unit is used to sharpen dull and broken drill bits extending their useful life and improving their performance.

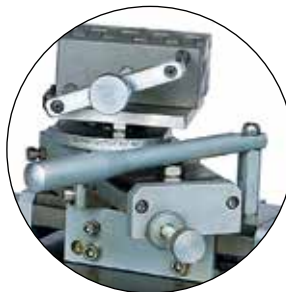


OPTIONAL ACCESSORIES:  
[Item #963560500](#)  
 High Speed Steel Grinding Wheel.

Item #	HP	Voltage	Amps AC	Speed RPM	Cup Wheel Outside Ø	Cup Wheel Inside Ø	Cup Wheel Thread Ø	Depth of the Cup Wheel	Length	Width	Height
9682910	.80	115V	11	1680 - 9120	40 mm / 1.575"	26 mm / 1.024"	M 10 / .3425"	22 mm / .866"	8.858"	19.291"	9.449"



Cup wheel  
Self-trimming  
Runs dry



Prismatic vise Solid For  
exact centering and safe  
fixturing



Wide grinding range  
Twist drills from  
1/8" - 3/4"



## 6" X 12" BENCH SURFACE GRINDER

This economical 6" x 12" manual surface grinder has many features found on larger units and is a perfect choice for small shops, tool rooms and maintenance shops when close tolerances are needed. Bring mirror-like finishes to your metalworking projects with this professional grinder.

- Meehanite cast iron construction- stress relieved to minimize vibration while maintaining rigidity and accuracy
- Precision steel balls produce extremely smooth operation of table along the ways
- Hand scraped ways
- Spindle and motor are a direct drive design and are dynamically balanced minimum vibration
- Swarf guard
- Large easy to read dials
- Spiral bevel gear for easy vertical movement of the spindle head

DIMENSIONS: 36-1/2" L x 30" W x 64" H



## OPTIONAL ACCESSORIES

Item	Description
9682130	Permanent magnetic chuck



Item #	HP	Voltage	Phase	Amps	RPM	Table Size	T-Slot Size	Max Grinding Length	Max Grinding Width	Max. Table To Center of Spindle	Wheel Size (Dia x W x Bore)	Vertical Feed Graduation	Cross Feed Graduation	Coolant Pump	Weight
9682122	3/4	115	1	7.4	3,450	6" x 12"	1/2"	13.5"	7.5"	11"	7" x 1/2" x 1-1/4"	0.001"	0.001"	No	551 lbs.

Palmgren prides ourselves in manufacturing the latest and greatest abrasive finishing machines. Our approach is customer-centric, we work with you to create the most efficient and effective machines built with your input to meet your overall requirements.

Based on user input we have enhanced our product line in two key areas. All our machines utilize a direct drive power train with all wheels, belts and discs being directly connected to the motor shaft, and on selected models we provide state-of-the-art variable speed controls.

## DIRECT DRIVE POWER TRAIN

A **DIRECT DRIVE POWER TRAIN** delivers consistent torque to the point of operation while providing several operational advantages compared to a v-belt drive train.

- *Non-slip drive with minimal torque loss at point of operation*
- *Mechanically strong*
- *Delivers high transmission efficiency*
- *Ideal for low, medium and high-power transmission*
- *More compact design requiring less space*
- *Greater life expectancy requiring less maintenance*
- *Consistent workpiece finish*

A **V-BELT DRIVE POWER TRAIN** is one of the most common, however, there are several performance disadvantages to this type of system.

- *It takes up more space*
- *There is greater wear and tear resulting in more maintenance*
- *Inflicts heavy load on the shafts and pulleys*
- *Torque loss at point of operation do to belt slip*
- *More variation in the workpiece finish*

## VARIABLE SPEED CONTROLS

All motors consume electricity to provide the torque and speed needed for the machine to operate. The motors' speed and torque should match exactly what is needed for the process being performed. The most efficient way to achieve this match is using an **ELECTRONIC VARIABLE SPEED DRIVE CONTROL**.

This style of drive balances the speed and torque load to match the operation being performed. Key advantages of variable speed control are:

- *Improved operational efficiency*
- *Matches the ideal speed to finishing product and material being used*
- *Reduction in energy consumption*
- *Savings in maintenance costs*
- *Greater part finish and accuracy*

## 12" DISC ABRASIVE FINISHING MACHINE

Palmgren's heavy duty cast construction 12" disc abrasive finishing machine is ideal for finishing outside radius of metal, wood, plastics and composite materials.

- Direct drive
- 45° tilting table
- Miter gauge
- Balanced disc
- Dust collection port
- Abrasive wheel brake



Item #	HP	Voltage	Disc. Dia.	Speed (RPM)	Table Size	Table Tilt	Dust Port	Depth	Width	Height
9681312	3/4	115	12"	1720	17-1/4 x 8-3/8	45°	2"	17"	17-1/4"	14-3/8"



## 12" DISC ABRASIVE FINISHING MACHINE

Palmgren's heavy duty cast construction 12" disc abrasive finishing machine is ideal for finishing outside radius of metal, wood, plastics and composite materials.

- Direct drive
- 45° tilting table
- Miter gauge
- Balanced disc
- Dust collection port
- Abrasive wheel brake



Item #	HP	Voltage	Disc. Dia.	Speed (RPM)	Table Size	Table Tilt	Dust Port	Depth	Width	Height
9681318	3/4	115	12"	1720	17-1/4 x 8-3/8	45°	2"	17"	17-1/4"	44-3/8"

## 12" VARIABLE SPEED DISC ABRASIVE FINISHING MACHINE

Palmgren's heavy duty variable speed 12" disc abrasive finishing machine is an effective machine for general purpose to precision finishing applications. Small to medium size parts can be shaped or large amounts of material can be removed quickly. Ideal for use on all shapes and types of materials including metal, wood, plastic, and composites.

- Direct drive powertrain
- Balanced disc
- 45° large cast iron tilting table with miter gauge
- Adjustable guarding
- Dust collection port
- See page 30 & 31 for optional tool stands



Item #	HP	Voltage	Amps AC	Phase	Disc. Dia.	Speed (RPM)	Table Size	Table Tilt	Dust Port	Width	Depth	Height	Weight
9681319	1.5	115/230	7/3.5	1	12"	900-2400	15-3/4" x 9-1/4"	45°	2-1/2"	25"	18"	15"	96 lbs.



## 2" X 72" BELT & 12" DISC VARIABLE SPEED BELT GRINDER

Palmgren's Variable Speed 2" x 72" Belt/12" Disc Grinder provides you with unique flexibility and functionality for variety of projects. Flat sand with the belt and use the disc to fine tune other objects. You get the convenience of having two tools built into one.

The grinding belts can be changed, tool free, in seconds with our single handle quick release system. Adhesive discs can be quickly swapped out. For optimum use, the belt arm can tilt from 0-90° to quickly change between grinding applications.

Dial in a speed to fit your specific application. This unique, machine offers unmatched adaptability for a wide variety of projects - providing you with a sound investment for years to come.

- Full guarding with spark shields for OSHA safety compliance
- Easily removable platen provides quick change overs to slack back grinding
- Simple easy belt tensioning and tracking
- 8" lower drive wheels for maximum belt traction
- Disc sander miter gauge
- Disc sander table tilts up to 45 degrees
- Lower belt wheel guard can easily swing away for contact wheel grinding and finishing
- Hardened steel platens with graphite pads for smooth belt operation and longer belt life
- See page 31 for optional tool stand item # 9670099



## POWERGRIND-XP™

Item #	HP	Voltage	Amps AC	Belt Size	Belt Speed SFPM	Belt Wheel Speed (RPM)	Belt Wheel Diameter	Disc. Wheel Diameter	Disc RPM	Weight
9681104	1.5	115/230	14/7	2" x 72"	2,355 - 6,280	900 - 2400	10"	12"	900 - 2400	188 lbs.



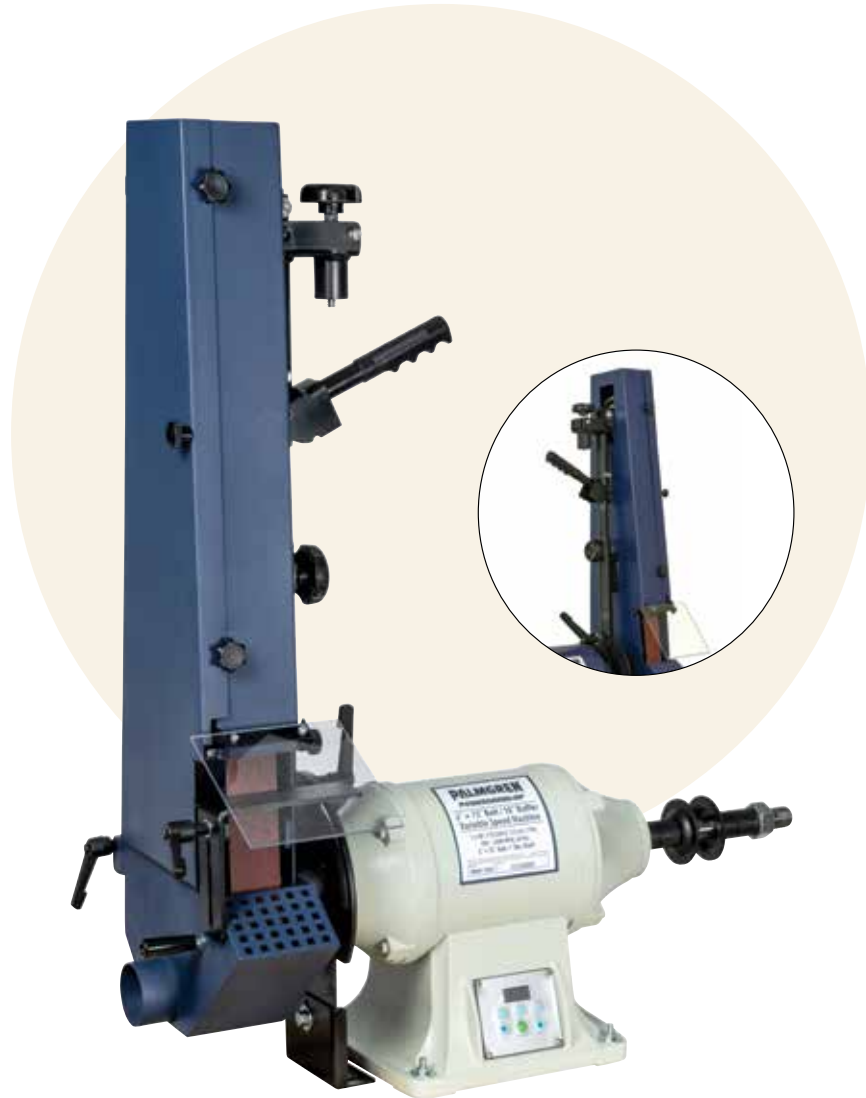
## 2" X 72" BELT GRINDER WITH BUFFER

Palmgren's 2" x 72" Belt Grinder With Buffer is the perfect combination for all freehand metal grinding, and buffing. With its 72" long belt this machine can handle platen grinding, slack back grinding and contact wheel grinding. The grinding belt can be changed, tool free, in seconds with our single handle quick release system. For optimum use, the belt arm can tilt from 0-90° very quickly. The 1.5 horsepower motor spins the belt at up to a cool 6,280 SFPM to meet those high-speed grinding needs.

On the other side of this machine comes a 1" shaft that can accept buffing wheels, sanding drums and flap wheels up to 10" in diameter.

With its superior flexibility, this machine is the perfect one stop shop for any knife maker!

- Heavy-duty cast-iron construction
- Full 1.5 horsepower, variable speed motor
- Quick, easy belt changes with single handle quick release system
- 8" lower drive wheel for maximum belt traction
- Toolless change from platen to slack back grinding
- Graphite pad on platen for smooth belt operation and longer belt life
- Arm can be positioned 0-90°
- Extended 1" shaft can accommodate buffing wheels, flap wheels and sanding drums
- See page 31 for optional tool stand item # 9670099



### **POWERGRIND-XP™**

Item #	HP	Volts	Amps AC	Belt Size	Belt Speed SFPM	Buffer Wheel Diameter"	Wheel Speed (RPM)	Arbor	Buffer Width Min. - Max.	Weight
9681106	1.5	115/230	14/7	2" x 72"	2,355 - 6,280	10"	900 - 2400	1"	1" - 5"	116 lbs.

## 2" X 72" DUAL STATION VARIABLE SPEED BELT GRINDER

Palmgren's 2" x 72" Dual Station Variable Speed Belt Grinder delivers enhanced grinding and finishing productivity all in one machine. With two belt heads you get the ultimate flexibility of a grinder that can handle platen, contact wheel, and even slack back grinding.

The grinding belts can be changed, tool free, in seconds with our single handle quick release system. For optimum use, the belt arms can tilt from 0-90° to quickly change between grinding applications.

The variable speed drive system allows for between 2,355-6,280 SFPM to get the precise belt speed for any grinding or finishing application. This high-quality finishing machine is built and equipped with the operational features that stand up to production output and accuracy.

- Full 1.5 horsepower variable speed motor
- Full guarding for OSHA safety compliance
- Spark shields
- Simple easy belt tensioning and tracking
- 8" lower drive wheels for maximum belt traction
- Lower wheel guards can easily swing away for contact wheel grinding and finishing
- Hardened steel platens with graphite pads for smooth belt operation and longer belt life
- See page 31 for optional tool stand item # 9670099



### POWERGRIND-XP™

Item #	HP	Volts	Amps AC	Belt Size	Belt Speed SFPM	Buffer Wheel Diameter	Wheel Speed (RPM)	Weight
9681107	1.5	115/230	14/7	2" x 72"	2,355 - 6,280	10"	900 - 2400	188 lbs.



Belt arms can tilt from 0-90° and any angle in between



Simple belt tension and belt tracking systems



Easy toolless belt changes with swing away belt guarding

## BELT GRINDERS

Palmgren's belt grinders are ideal power tools for all shops. These versatile machines grind, sand, finish, polish, deburr and contour all types of parts on any type of material. Built with a powerful capacitor motor for all day use.

- Belt is adjustable for use in either the vertical or horizontal position or any position in-between
- Front mounted on/off paddle switch
- Simple belt tensioning and adjustment
- Full belt guard
- 2" Dust collection port
- See page 30 & 31 for optional tool stands



## POWERGRIND-XP™

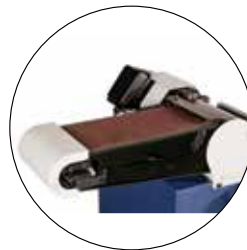
Item #	Description	HP	Volts	Amps AC	Belt Size	Belt Speed SFPM	Work Table Surface	Length	Width	Height	Weight
9682401	1" Belt Grinder	1/2	115/230	5.0/2.5	1" x 42"	1800	4-1/4" x 3"	22"	16"	24"	46 lbs.
9682402	2" Belt Grinder	3/4	115/230	7.0/3.5	2" x 48"	4500	4-1/4" x 3"	25"	16"	27"	60 lbs.
9682404	4" Belt Grinder	3/4	115/230	7.0/3.5	4" x 36"	3615	6-1/4" x 3"	19"	17"	24"	59 lbs.



## 6" X 48" BELT FINISHING MACHINE

Palmgren's 6" x 48" Abrasive Belt Finishing Machine offers a combination of exceptional versatility and high efficiency. Designed around actual end user input; this differentiates our machine with meaningful features built around what the machine must do when it is in use to maximize user performance and safety. This 6" belt grinder can handle a multitude of jobs: contour part finishing, flat stock finishing, polishing, grinding and deburring, handling a variety of finishing operation.

- Powerful Direct drive power train
- Single dust collection port for easy connection and cleaning
- Cast iron tilting worktable with a slot for miter gauge and easy to read trunnions
- Deluxe miter gauge ideal for plain and compound angles
- Heavy duty fully enclosed steel stand with storage
- Safety lock out on/off switch
- Belt arm adjusts vertically, horizontally and any position in-between
- Upper idler drum supported on both sides with bearings
- Steel platen with replaceable graphite pad
- Advanced easy belt tracking
- Quick, easy belt changes



Belt arm adjusts vertically, horizontally and any position in-between



Item #	Description	HP	Volts	Phase	Amps AC	Belt Size	Belt Speed SFPM	Belt Table Size	Dust Chute Size	Length	Width	Height	Weight
9682418	6" X 48" Belt Finishing Machine	1.5	115/230	1	12.6/6.3	6" x 48"	2258	8-5/8" x 6"	4"	23"	17"	52"	130 lbs.



## COMBINATION 2" X 6" BELT & DISC FINISHING MACHINE



Palmgren's direct drive combination belt and disc finishing machines grind, sand, finish, polish, deburr and contour all types of materials and parts. The direct drive power train with a heavy duty capacitor motor allows the units to work under load without slowing or bogging down.

- 2 x 42" belt with a 6" disc bench model
- Belt operates in the horizontal or vertical position and is designed for fast, easy belt changes
- Both the belt and disc come with a tilting work table. Disc table is slotted to accept the standard miter gauge
- Cast base for maximum rigidity
- 1-1/2" disc side dust collection port
- Belt table tilts to 60°, disc table tilts to 45°



Item #	HP	Volts	Amps AC	Disc Dia.	Disc Speed RPM	Belt Size	Belt Speed SFPM	Disc Table Size	Belt Table Size	Depth	Width	Height	Weight
9681061	1/3	115	3.5	6"	3500	2" x 42" or 1" x 42"	4400	6-1/8" x 8"	6-3/4" x 9"	8"	14-1/2"	23"	35 lbs.

## 4" X 8" BELT & DISC FINISHING MACHINE



Palmgren's direct drive combination finishing machine has the ability to grind, sand, finish, polish, deburr and contour all types of materials and parts. The direct drive power train with a heavy-duty capacitor motor allows the unit to work under load without slowing or bogging down.

- 4" x 36" belt with an 8" disc bench model
- Belt operates in the horizontal or vertical position and is designed for fast, easy belt changes
- Both the belt and disc sections come with a tilting work table
- Disc table is slotted to accept the standard miter gauge
- Cast base for maximum rigidity
- 1-1/2" disc side dust collection port
- Belt table tilts to 60°, disc table tilts to 45°



Item #	HP	Volts	Amps AC	Disc Dia.	Disc Speed RPM	Belt Size	Belt Speed SFPM	Disc Table Size	Belt Table Size	Depth	Width	Height	Weight
9681063	3/4	115	5	8"	3580	4" x 36"	2160	10" x 6"	6" x 3"	13-1/2"	23"	20-1/2"	38.5 lbs.

## COMBINATION 6" X 9" BELT & DISC FINISHING MACHINE

Palmgren's direct drive combination belt and disc finishing machines grind, sand, finish, polish, deburr and contour all types of materials and parts. The direct drive power train with a heavy duty capacitor motor allows the units to work under load without slowing or bogging down.

- Belt operates in the horizontal or vertical position and is designed for fast, easy belt changes
- Both the belt and disc come with a tilting work table that is slotted to accept the standard miter gauge
- The base is cast iron for maximum rigidity
- 1-1/4" disc side dust collection port
- 2" belt disc dust collection port
- Belt table tilts to 60°, disc table tilts to 45°

DIMENSIONS: 22" D x 26-1/2" W x 55"H



Item #	HP	Volts	Amps AC	Disc Dia.	Disc Speed RPM	Belt Size	Belt Speed SFPM	Disc Table Size	Belt Table Size	Weight
9681093	1	115/230	9.0/4.5	9"	3450	6" x 48"	2700	5-7/8" x 11-3/4"	5-7/8" x 9-7/8"	110 lbs.



## COMBINATION 6" X 48" BELT & 10" DISC FINISHING MACHINE

Palmgren's combination 6" x 10" universal finishing machine is a versatile, economical workshop tool. This 2-in-1 machine can handle a multitude of jobs: contour part finishing, flat stock finishing, polishing, grinding and deburring handling virtually any finishing operation.

- Powerful direct drive power train
- Adjustable guarding for disc section
- 2" dust port for both sections for easy connection and cleaning
- Cast iron tilting worktables with slot for miter gauge and easy to read trunnions
- Deluxe miter gauge ideal for plain and compound angles
- Cast iron motor base mounted to a sturdy fully enclosed steel floor stand
- Safety lock out on/off switch

### BELT SECTION:

- Belt head adjusts vertically, horizontally and any position in-between
- Steel platen with replaceable graphite pad
- Advanced easy belt tracking
- Easy quick belt changes
- Belt section mounted directly to the motor shaft

### DISC SECTION:

- Fully machined and balanced steel disc
- Disc mounted directly to the motor shaft



Item #	HP	Volt	Phase	Amps	Disc Dia.	Disc Speed RPM	Belt Size	Belt Speed SFPM	Disc Table Size	Belt Table Size	Dust Chute Size	Depth	Width	Height	Weight
9681123	1.5	115/230	1	14/7	10"	3,450	6" x 48"	2,700	6" x 14"	6" x 10"	2"	28"	28-1/2"	45"	150 lbs.

## COMBINATION 6" X 48" BELT AND 12" DISC MACHINE

Simplify all your finishing needs! Palmgren's combination 6" x 12" universal finishing machine offers a combination of exceptional versatility and high efficiency. Designed around actual end user input; this differentiates our machine with meaningful features built around what the machine must do when it is in use to maximize user performance and safety. This 2 in 1 machine can handle a multitude of jobs: contour part finishing, flat stock finishing, polishing, grinding and deburring handling virtually any finishing

operation.

- Powerful Direct drive power train
- Adjustable guarding for disc section
- Single dust collection port for both sections for easy connection and cleaning
- Cast iron tilting worktables with slot for miter gauge and easy to read trunnions
- Deluxe miter gauge ideal for plain and compound angles
- Heavy duty fully enclosed steel stand with storage
- Safety lock out on/off switch

### BELT SECTION:

- Belt head adjusts vertically, horizontally and any position in-between
- Upper idler drum supported on both sides with bearings
- Steel platen with replaceable graphite pad
- Advanced easy belt tracking
- Easy quick belt changes

### DISC SECTION:

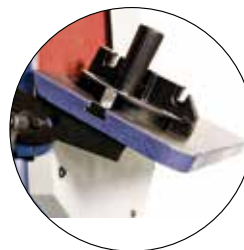
- Fully machined and balanced steel disc
- Disc mounted directly to the motor shaft



Item #	HP	Voltage	Amps AC	Phase	Disc Dia.	Disc Speed RPM	Disc Table Size	Belt Size	Belt Speed SFPM	Belt Table Size	Depth	Width	Height	Weight
9681122	1.5	115/230	12.5/6.25	1	12"	1720	13-1/2" x 7-1/4"	6" x 48"	2,258	9" x 6"	31-1/2"	22"	56-1/4"	236 lbs.



Belt arm adjusts vertically, horizontally and any position in-between



Includes table for sanding radial edges

## VARIABLE SPEED COMBINATION 6" X 48" BELT & 14" DISC FINISHING MACHINE

Simplify all your finishing needs! Palmgren's Combination 6" x 14" Universal Finishing Machine offers a combination of exceptional versatility and high efficiency. Designed around actual end user input; this differentiates our machine with meaningful features built around what the machine must do when it is in use to maximize user performance and safety. This 2 in 1 machine can handle a multitude of jobs: contour part finishing, flat stock finishing, polishing, grinding and deburring, handling virtually any finishing operation.

- Designed with a variable frequency drive that allows the machine to run on 115V
- Powerful direct drive power train
- Adjustable guarding for disc section
- Single dust collection port for both sections for easy connection and cleaning
- Cast iron tilting worktables with a slot for miter gauge and easy to read trunnions
- Deluxe miter gauge ideal for plain and compound angles
- Heavy duty, fully enclosed steel stand with storage
- Safety lock out on/off switch

### BELT SECTION

- Belt arm adjusts vertically, horizontally and any position in-between
- Upper idler drum supported on both sides with bearings
- Steel platen with replaceable graphite pad
- Advanced easy belt tracking
- Quick, easy belt changes

### DISC SECTION

- Fully machined and balanced steel disc
- Disc mounted directly to the motor shaft

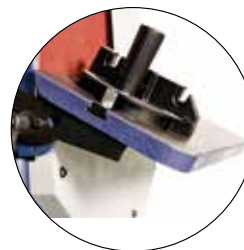


Item #	HP	Volts	Amps AC	Phase	Disc Dia.	Disc Speed RPM	Belt Size	Belt Speed SFPM	Disc Table Size	Belt Table Size	Dust Chute Size	Depth	Width	Height	Weight
9681108	2	115	12.5	1	14"	900-1790	6" x 48"	1280-2250	15-5/8" x 7-1/4"	8-5/8" x 6"	4"	31"	22"	57"	250 lbs.

OSHA  
COMPLIANT



Belt arm adjusts vertically, horizontally and any position in-between



Includes table for sanding radial edges



## HEAVY DUTY TOOL STAND

- Fits all bench grinders, buffers and belt grinders
- Multi-hole top for easy securing of finishing tool to stand
- Quench pot
- Cast iron and steel construction
- 16-1/4" x 14-1/2" x 33"
- 55 lbs.

Item # 9670101

## BENCH GRINDER STAND

- 2 slots in column for spare grinding wheels
- Enlarged quench pot
- Multi-hole top for easy securing of finishing tool to stand
- Steel construction with cast iron base
- 13-1/2" x 13-1/2" x 29"
- 34 lbs.

Item # 9670100





## GRINDER STAND WITH DUST COLLECTION

- Cabinet self-contained filtration system designed to efficiently remove and filter dust, small metal chips and other contaminants while returning clean air to the shop
- Comes with two flexible metal connection hoses
- Runs on 1.5 HP, 115V, single phase motor
- 472 CFM
- All steel construction
- 21-1/2" x 13-1/4" x 31-1/2"
- 96 lbs.

Item # 9686003

## UNIVERSAL MULTI-TOOL STAND

- All steel construction
- 10 Gauge tabletop with pre-cut mounting slots
- Table top is large enough to accommodate up to 2 tools
- Storage shelf
- Adjustable leveling pads
- 29"W x 23" L
- Adjustable height 28" - 31"
- 53 lbs.

Item # 9670099





For a detailed catalog of the full line of Palmgren Machine Tools visit our web site: [www.palmgren.com](http://www.palmgren.com) or e-mail us to request a printed or electronic (pdf) catalog at: [sales@chhanson.com](mailto:sales@chhanson.com)

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