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.com

**PREP 4000**



## Full Size Prep & Limited Finishing Station...

The PREP 4000 is engineered for extreme versatility in a high workflow environment. A full size workspace provides a code compliant prep and sanding station that is flexible enough to be installed almost anywhere. Add an optional intake fan to make the PREP 4000 a limited finishing station. Reduce cycle time by prepping, priming and painting without having to move.

With the addition of a heat & digital controls, the PREP 4000 can work even faster. Spray, Flash, & Bake just like a high performance paint booth.

## ► Downdraft

The PREP 4000 downdraft configuration includes reinforced steel grates that create a drivable surface that removes debris and/or overspray efficiently and keeps the workspace clean. Downdraft airflow is the best airflow pattern for dust and debris removal and becomes even more important if the PREP 4000 is going to be used for paint & finishing.



## ◀ Above Ground

The PREP 4000 can be installed above ground by incorporating the air makeup unit into the back or side divider wall, eliminating the need for concrete work.

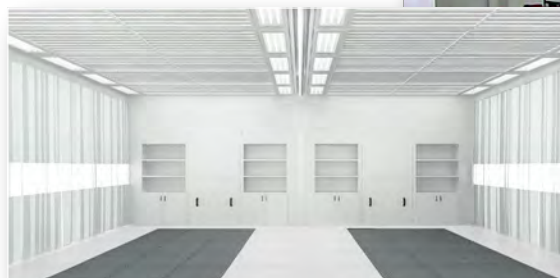
## ► Expandable Bays

The PREP 4000 is expandable to an unlimited number of adjacent work bays (right).



## ► Shelves

Optional side or rear wall shelf & cabinet system.





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## Workspace Lighting

Lab certified explosion proof light fixtures protect against potentially explosive materials. Inside accessibility allows easy tube changes from inside the workspace. If a light door is open, the light fixture will automatically shut off the user's spray gun to prevent any potentially hazardous fumes from being introduced while the fixture is being serviced. Inside accessibility also allows for more installation flexibility. The system can be installed in a shop corner or up against existing structures since space is no longer needed to access the outside of the light fixture.

## Shadowless Lighting

- (8) Fixtures
- 48" Long each
- 4 tubes each
- Inside access

ETL lab-certified explosion proof.



## 7.5 HP TEFC Weg® Motor

- 3 Phase 240V or 480V Motor with Re-Greasable Ball Bearings
- Rated for Continuous Operation and Designed for Dusty Environments
- Fan Cooled Cast Iron Body



## Heavy Duty Curtains

Standard or High Speed Roll Up (Optional)

Custom length high quality curtains help control dust, debris, and contaminants from escaping the work area and vice versa. Sections are easily moveable to allow vehicles and parts to enter and leave the work space.



## 10,000 CFM

Backward Inclined Turbine

Backward inclined exhaust construction keeps the turbine blades clean and air flowing through dirty filters. Fans are non-sparking and certified for hazardous locations, while greasable pillow block bearing mounts ensure optimal efficiency for years to come. Larger sizes are available.





# PREP 4000



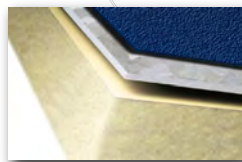
## EZ-Clip Ceiling Filters

No more time consuming filter changes. EZ clips & hinged filter frames make filter changes a quick and simple process.



## Superior Ceiling Filtration

5 Micron air quality. Perpendicular compression edges are built into each filter frame for a continuous seal around each filter.



## Vinyl Coated Construction

Galvanized steel with bonded PVC exterior and interior.

## Available Exterior Vinyl Colors:

-  Accudraft Blu™
-  Furia™
-  Ultra White™
-  Grigio™



## 7.5 HP VFD Included

(1) 7.5 Horsepower VFD & up to 50% energy savings



## EvenFlo™ Downdraft Balancing System

EvenFlo™ adjustable floor vanes allow the user to pinpoint areas of more or less air flow and adjust the strength of the draft until it is just right (included on downdraft only).



## Electromechanical Controls

Heavy duty control panel with rugged switches, pushbuttons and gauges.

## Heavy Duty Controls ▼

Industrial Electromechanical Control Panel



## Optional Controls ▲

SmartPad™ Control Panel

- Digital Control Panel
- Digital PLC Controller
- Dual Modes for Standard and Waterborne Paint
- Allows for EnergySmart™ System with STANDBY
- Xcelerator Operation Built in

Accudraft's heavy duty control panel provides decades of daily use with rugged switches, pushbuttons and gauges. Locking electrical disconnects prevent any unauthorized access or tampering with vital components and timer settings. Start/stop button and lighting indicators tell the user what parts of the unit are currently engaged.



## (1) 7.5 HP VFD ▲

Variable Frequency Drive System

With a 7.5 HP VFD, the exhaust motor is gradually started in order to get the turbine spinning. The VFD drive continues to increase the motor's speed until the proper amperage is reached. This eliminates a spike in power and can save thousands in energy usage over the course of a year. Larger sizes are available.



## ▲ Optional Heat

KD-500/500R

Prep, sand, spray and bake all in one place. Integrated intake with direct fire heat & up to 90% heat recycle in one compact unit, providing up to 99% fuel efficiency. Operate your PREP 4000 just like a high performance paint booth made for high production. Includes SmartPad™ control panel [shown above].



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# PREP 4000

## Product Comparison Chart ▼

Prep & Limited Finishing Workstations

Features	3000	PREP 4000	MAGNUM 5000
Wall Type	N/A	Rear or Side Divider	Double Wall/H - Channel
Airflow CFM	10,000	10,000	20,000 - 40,000
Draft Pattern	Downdraft or Semi-Down	Downdraft or Semi-Down	Downdraft or Semi-Down
Standard Mechanicals	KD-500R	KD-500R	(2) KD-500R
Drive Type	Belt Drive	Belt Drive	Belt Drive
Exhaust HP	7.5 HP	7.5 HP	(2) 7.5 HP
Exhaust Recycle	0 - 100%	0 - 100%	0 - 100%
Optional Heat/Intake	N/A	KD-500/500R	KD-560/630R
Heating Power	N/A	1,200,000 Btu/hr	1,500,000 Btu/hr
Heat Recycle	N/A	0 - 90%	0 - 90%
Controls	N/A	SmartPad	SmartPad
Fixture Size / Tubes	48 Inch - 4 Tube	48 Inch - 4 Tube	36 Inch - 4 Tube
Lighting Power (W)	128 Watts / Fixture	128 Watts / Fixture	120 Watts / Fixture
Upper Angled Lighting	4*	8*	20*
Wall Lighting	N/A	N/A	10 Horizontal - Optional*
Ceiling Filter System	Full Width - 5 Micron	Full Width - 5 Micron	Full Width - 5 Micron
Ceiling Filter Access	EZ-Clip	EZ-Clip	EZ-Clip
Waterborne	Add Xcelerator	Add Xcelerator	Add Xcelerator
Exhaust VFD	Yes	Yes	Yes (2)
Starting Length (ft)	13	20	20
Starting Width (ft)	6	12	24
Starting Height (ft)	9	9	9
Exterior Vinyl Colors			

\* Quantity of light fixtures at starting length. Quantities may change if workspace length is extended or reduced.



## Worldwide Automotive Finishing Products



**35**  
  
**YEARS**

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