

## Model 500/550 Dual Stand Assembly - Micro-Pleat Series 1



### Model # SS-500/550-STHD2-MP1

The **Model 500/550 Dual Stand Assembly** provides industrial-strength fume extraction for two simultaneous workstations. Our **Model 500/550 Heavy Duty Industrial Fume Extractor** anchors this system with support of two **Fume Extractor Stands** and your choice of either (2) 7' or (2) 10' heavy duty extractor arms. This configuration provides multiple operators with powerful airflow and source-capture fume control without the need for exterior venting or make-up air generation.

The **Fume Extractor Stands** mount to the floor and can be placed at varying distances from the Model 500/550. The **HD Extractor Arms** mount to the Elevated Fume Stands and extend up to 7 or 10 feet from the center of the stand's mounting plate. The arm has three bend locations for multiple positions and angles, allowing greater flexibility and placement.

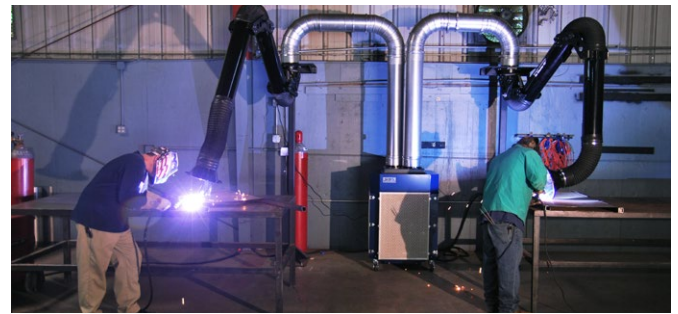
This system features four cleanable **Micro-Pleat Series 1 Particulate Filters** that offer the ability to clean the filters with compressed air without removing them from the unit's chassis. The operator simply sprays compressed air into the filter media for cleansing while excess dust and waste fall into the internal dustpan, allowing for easy and clean debris removal. Other filter options include four **HEPA** non-cleanable filters, four 42 lb disposable **Activated Carbon Filters**, and four 42 lb **Specialty Blended Filter Media** (acid gas, ammonia, aldehyde, and mercury).

This unit includes a Magnehelic Gauge to monitor the saturation of the filters. As the filters become saturated, the static pressure increases and the digital readout will display this increase in pressure. Once the pressure reaches a certain point, the filters will need to be cleaned.

The **Model 500/550 Dual Stand Assembly** provides powerful fume extraction for heavy duty applications such as *production welding (MIG, TIG, stick, plasma cutting), grinding, powder weighing, classroom settings, soldering and brazing stations, some dust collection applications, and more.*



Model 500/550 Dual Stand Assembly



The powerful fan and cleanable filter media in the Model 500/550 Dual Stand Assembly can help protect two workers from welding fumes for heavy-loading applications.



### Product Features

- **Includes:** variable speed controller (115V only) and Magnehelic Gauge (MP1 & HEPA units only)
- (2) 7' L or (2) 10' L Heavy Duty Extractor Arms
- Reliable, low maintenance option
- No wall space required
- No exterior ducting required or makeup air
- Long filter life
- Simple, quick "no tool" filter change



21221 FM 529 Rd, Cypress, TX 77433  
1.800.799.4609 • sales@sentryair.com

[www.sentryair.com](http://www.sentryair.com)

## Product Specifications



**Recommended Ductwork (not supplied by SAS)**  
**8" Diameter up to 12' with (4) 90° Angles**



Dimensions are approximate.

<b>Dimensions</b>	<p><b>Base Unit:</b> 30" L x 30" W x 42.5" H</p> <p><b>Arms:</b> (2) 10' L or 7' L x 6" diameter Heavy Duty Extractor Arms with 13" capture hood</p> <p><b>Stands:</b> 91" total height; <b>Top Platform</b> - 23" W x 19" D; <b>Base Platform</b> - 16" W x 22" D</p> <p><b>Ductwork (Recommended):</b> 8" diameter, up to 12' of duct with (4) 90° angles  <i>(Not Supplied by SAS)</i></p>
<b>Material</b>	<p><b>Base Unit:</b> 16 ga. carbon steel</p> <p><b>Arms:</b> <b>Rigid segment</b> - aircraft-grade aluminum; <b>Flexible segment</b> - flame-retardant Black Flex Sentry™ hose; <b>Swivel Joint</b> - Polypropylene</p> <p><b>Stands:</b> carbon steel; <b>Ductwork (Recommended):</b> stainless steel or aluminum</p>
<b>Weight</b>	<p><b>Base Unit:</b> 362 lbs with filters; <b>Arms:</b> 60 lbs each; <b>Stands:</b> 133 lbs each</p>
<b>Air Volume</b>	<p><b>500:</b> Up to 500 CFM per arm with Micro-Pleat Series 1 Particulate Filters installed</p> <p><b>550:</b> Up to 630 CFM per arm with Micro-Pleat Series 1 Particulate Filters installed</p>
<b>Electrical</b>	<p><b>500:</b> 115/1/60, 2.5 amps 220/1/50, 1.5 amps; <b>550:</b> 115/1/60, 10.7 amps 220/1/50, 5 amps; 8' grounded power cord with NEMA 5-15P plug</p>
<b>Sound Level</b>	<p><b>500:</b> Approx. 65 dba; <b>550:</b> Approx. 72 dba <i>(High at 3' from inlet)</i></p>
<b>Filtration Options</b>	<p>(4) Cleanable <b>Micro-Pleat Series 1 Particulate Filters</b> (MERV 13)</p> <p>(4) <b>HEPA Filters</b> (up to 99.97% efficiency on particles down to 0.3 microns) Non-Cleanable</p> <p>(4) <b>42 lb Activated Carbon Filters</b></p> <p>(4) <b>42 lb Specialty Blended Filter Media</b> (acid gas, ammonia, aldehyde, and mercury)</p>
<b>Warranty</b>	<p>Limited two-year warranty from date of shipment on defects due to materials or workmanship. <b>550:</b> Limited six-month warranty for fan/motor.</p>



21221 FM 529 Rd, Cypress, TX 77433  
 1.800.799.4609 • sales@sentryair.com

[www.sentryair.com](http://www.sentryair.com)