

- Factory Automation & Controls
- Lean Manufacturing
- Technical Problem Solving
- Professional Training Services

LARGE EQUIPMENT SPRAY BOOTHS

RTT's large equipment spray booths are used in a wide variety of markets including aviation, rail, mining, truck, wind energy and other large-scale industrial finishing operations. RTT's Large Equipment Spray Booths offer a safe and clean environment and are designed to meet or exceed all applicable OSHA and NFPA regulations.

RTT's spray booths are available in a variety of air flow styles to fit any application, including crossdraft, modified downdraft, side downdraft and downdraft designs. The booths are also offered in solid back, drive through, and reverse flow designs as well as pressurized and non-pressurized models. Booths can be equipped with dedicated air make-up units (AMU's) and configured with prep and cure cycle, as required. RTT booths can be provided with temperature and humidity control as well as air recirculation modes in spray and or cure mode for energy efficiency.

RTT booths are constructed with laser cut and precision folded prime quality 18-gauge galvanized steel and are available in a range of pre-engineered standard sizes that are readily available. Custom size solutions can also be developed to meet site and application specific requirements. Depending on the application, RTT offers three types of booth construction: Standard, Heavy and Xtreme duty.

- "Standard Duty" construction is engineered with 10-gauge support structure.
- "Heavy Duty" construction is engineered with vertical and horizontal W6x9 I-beams integrated into the booth structure and can support booth-mounted air make-up units.
- "Xtreme Duty" construction utilizes vertical I-beams and horizontal trusses that are engineered to support span and load requirements. Xtreme Duty designs can be engineered to accommodate booth mounted air make-up units, wall mounted operator lifts, conveyor rail systems or crane slot openings.

RTT booths are easy to install and simple to maintain. The quality and workmanship of RTT spray booths allow us to offer a 5-year warranty when using high performance W-Series RP Arrestor exhaust filters manufactured by RTT. Being the only manufacturer of both spray booths and exhaust filtration products, we guarantee overall operational quality.



LEADER IN ENGINEERED FINISHING SOLUTIONS

Contact Information

Phone: 715-220-7601

E-mail: Info@APSfoSite.com

Primary Business Address




3132 Louis Ave. Ste 202

Eau Claire, WI 54703

- Factory Automation & Controls
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LARGE EQUIPMENT SPRAY BOOTHS

Spray Booth Construction

	Standard Duty 	Heavy Duty 	Xtreme Duty 
Support Steel	10 gauge galvanized steel, utilizes 5/16" bolt	W6 x 9 structural system, utilizes 1/2" bolt	I-Beam construction with trusses, utilize 1/2" bolt
Panel Construction	Laser cut, precision folded, nut and bolt assembly	Laser cut, precision folded, nut and bolt assembly	Laser cut, precision folded, nut and bolt assembly
Fasteners	5/16" bolt with locking nuts for fastening panels every 6"	5/16" bolt with locking nuts for fastening panels every 6"	5/16" bolt with locking nuts for fastening panels every 6"
Interior Working Dimension	Max 20'W x 20'H	Max 20'W x 20'H	No Limit
Booth Mounted AMU's	No, requires separate structure	Yes	Yes
Support for Conveyor or Crane Slot	No	No	Optional
Crane Slots	No	No	Optional
Maximum Length	No Maximum Length	No Maximum Length	64' +
Increments in Length	2'	2'	Custom
Support for Man Lifts	No	Yes	Yes
Complies with OSHA and NFPA Regs	Yes	Yes	Yes

Spray Booth Features

RTT booths are easy to install and simple to maintain. The quality and workmanship of RTT spray booths allow us to offer a 5-year warranty* when using high performance W-Series RP Arrestor exhaust filters manufactured by RTT.

- RTT booths are constructed from heavy duty 18-gauge, prime quality galvanized steel and engineered with corresponding support structure.
- All panels and support members are laser cut and precision formed for consistent fit allowing for easy nut and bolt assembly.
- Doors are field hung on slotted hinges to facilitate adjustment on two axis' to compensate for field conditions. Our standard 36" wide personnel door is constructed with a square tube frame and covered with 18-gauge galvanized steel and includes an observation window.
- RTT booths ship with industry leading E-Light LED lighting which provides lower energy usage, exceptionally longer life, truer color rendering, reduced maintenance costs and includes a 5-year warranty.
- LED lighting is constructed of 22-gauge steel which is powder coated white, and available in 4000 and 8000 lumen models. E-Lights are ETL listed for US and Canada with Class 1 Division 2, Group A, B, C, D and Class 2 division 2, Group F and G ratings.
- High efficiency W-Series RP Paint Arrestor blanket media ships with every booth for extended life, increased depth loading and holding capacity. The blanket filters are secured in place with RTT FilterLoc technology which provides a tighter seal to the booth eliminating overspray bypass while providing quick and easy filter change outs.
- All RTT booths utilize efficient and quality brand-name tubeaxial fans and motors.
- Air solenoid valve Interlocked to the exhaust fan and air supply for the spray application equipment is also included.
- RTT booths meet and/or exceed quality performance standards and all applicable OSHA and NFPA regulations

E-Light TRUE LED LIGHTING

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