



**ABRASIVE BLASTING & PAINTING,  
POWDER EQUIPMENT & SUPPLIES**



# POWDER BOOTHS & BATCH PROCESSING OVENS



*Service Defines Our Reputation*



AUTHORIZED DISTRIBUTOR

# TABLE OF CONTENTS

<b>POWDER NON-RECOVERY BOOTHS .....</b>	<b>4-5</b>
<b>POWDER RECOVERY BOOTHS .....</b>	<b>6-7</b>
<b>POWDER COLLECTION MODULES .....</b>	<b>8</b>
<b>HIGH-PRODUCTION POWDER BOOTHS .....</b>	<b>9</b>
<b>BATCH POWDER COATING SYSTEMS .....</b>	<b>10-11</b>
<b>BATCH POWDER COATING SYSTEM DESIGN.....</b>	<b>12</b>
<b>SIZING YOUR BATCH POWDER SYSTEM.....</b>	<b>13</b>
<b>QUALITY &amp; COMPLIANCE .....</b>	<b>14-15</b>
<b>INDUSTRIAL PRETREATMENT WASHERS .....</b>	<b>16-17</b>
<b>BATCH BURN-OFF WASHERS .....</b>	<b>18</b>
<b>WATER WASH BOOTHS: ENVIROTECT .....</b>	<b>19</b>
<b>WATER WASH BOOTHS: DYNAPRECIPITOR .....</b>	<b>20-21</b>
<b>BATCH PROCESS OVENS .....</b>	<b>22-23</b>
<b>BATCH POWDER OVENS.....</b>	<b>24-26</b>
<b>BATCH BURN-OFF OVENS .....</b>	<b>27-28</b>



**WE'RE NOT JUST A VENDOR - WE'RE  
YOUR PARTNER IN BUILDING  
HIGH-QUALITY, EFFICIENT  
POWDER COATING OPERATIONS.**

---

**WHY CHOOSE IDS FOR  
POWDER COATING?**

IDS Blast offers turnkey powder coating systems designed to delivery precision, throughput, and ROI. From reclaim systems that save material to simple non-reclaim designs that streamline color changes, we provides solutions that fit your production needs. With many businesses seeing a return on investment within a year, our systems are built for efficiency and profitability.

# POWDER NON-RECOVERY BOOTHS

## (MECHANICAL RECOVERY BLAST ROOMS)

Powder Non-Recovery Booths from IDS Blast are cost-effective finishing environments for small batch powder applications. Featuring a primary and redundant filtration system, IDS Powder Non-Recovery Booths capture high volumes of powder overspray. The open-front design saves floor space and allows for easy transportation in and out of the booth.

### BOOTH FEATURES:

- 18-gauge galvanized steel panels
- Smooth interior for easy maintenance
- Primary filtration system with full set of filters, grids and manometer for filter maintenance
- MERV 14-rated redundant filters
- High-performance, direct-drive plug fan with TEFC motor
- Four-tube, T8 LED light fixture(s)
- Designed to comply with all federal, NFPA and OSHA regulations

### OPTIONS:

- Pre-coated white panels
- Additional sidewall or ceiling light fixtures
- HEPA filters
- Electromechanical control panel



Optional HEPA filters shown in photo



### PRIMARY FILTERS

GFS Wave® Roll Filter | Panel Filter



### REDUNDANT FILTERS

MERV 14-rated

# POWDER NON-RECOVERY BOOTH MODELS

Standard Model No.	Inside Dimensions			Outside Dimensions			Fan Clear Height	Light Qty	Min. CFM @ 1.5" s.p.	Wheel Diameter	Motor HP
	Width	Height	Depth	Width	Height	Depth					
<b>8' Wide Booths</b>											
PNRG 080806	8'	8'	6'	8' 4"	8' 2"	10' 2"	12' 2"	1	6,400	25"	3
PNRG 080809	8'	8'	9'	8' 4"	8' 2"	13' 2"	12' 2"	1	6,400	25"	3
PNRG 080812	8'	8'	12'	8' 4"	8' 2"	16' 2"	12' 2"	2	6,400	25"	3
PNRG 081006	8'	10'	6'	8' 4"	10' 2"	10' 2"	14' 2"	1	8,000	25"	3
PNRG 081009	8'	10'	9'	8' 4"	10' 2"	13' 2"	14' 2"	1	8,000	25"	3
PNRG 081012	8'	10'	12'	8' 4"	10' 2"	16' 2"	14' 2"	2	8,000	25"	3
<b>10' Wide Booths</b>											
PNRG 100806	10'	8'	6'	10' 4"	8' 2"	10' 2"	12' 2"	2	8,000	25"	3
PNRG 100809	10'	8'	9'	10' 4"	8' 2"	13' 2"	12' 2"	2	8,000	25"	3
PNRG 100812	10'	8'	12'	10' 4"	8' 2"	16' 2"	12' 2"	4	8,000	25"	3
PNRG 101006	10'	10'	6'	10' 4"	10' 2"	10' 2"	14' 11"	2	10,000	28"	5
PNRG 101009	10'	10'	9'	10' 4"	10' 2"	13' 2"	14' 11"	2	10,000	28"	5
PNRG 101012	10'	10'	12'	10' 4"	10' 2"	16' 2"	14' 11"	4	10,000	28"	5
<b>12' Wide Booths</b>											
PNRG 120806	12'	8'	6'	12' 4"	8' 10"	10' 2"	12' 11"	2	9,600	28"	3
PNRG 120809	12'	8'	9'	12' 4"	8' 10"	13' 2"	12' 11"	2	9,600	28"	3
PNRG 120812	12'	8'	12'	12' 4"	8' 10"	16' 2"	12' 11"	4	9,600	28"	3
PNRG 121006	12'	10'	6'	12' 4"	10' 10"	10' 2"	14' 11"	2	12,000	28"	5
PNRG 121009	12'	10'	9'	12' 4"	10' 10"	13' 2"	14' 11"	2	12,000	28"	5
PNRG 121012	12'	10'	12'	12' 4"	10' 10"	16' 2"	14' 11"	4	12,000	28"	5
<b>14' Wide Booths</b>											
PNRG 140806	14'	8'	6'	14' 4"	8' 10"	10' 2"	12' 11"	2	11,200	28"	5
PNRG 140809	14'	8'	9'	14' 4"	8' 10"	13' 2"	12' 11"	2	11,200	28"	5
PNRG 140812	14'	8'	12'	14' 4"	8' 10"	16' 2"	12' 11"	4	11,200	28"	5
PNRG 141006	14'	10'	6'	14' 4"	10' 10"	10' 2"	15' 4"	2	14,000	35"	5
PNRG 141009	14'	10'	9'	14' 4"	10' 10"	13' 2"	15' 4"	2	14,000	35"	5
PNRG 141012	14'	10'	12'	14' 4"	10' 10"	16' 2"	15' 4"	4	14,000	35"	5
<b>16' Wide Booths</b>											
PNRG 160806	16'	8'	6'	16' 4"	8' 10"	10' 2"	12' 11"	2	12,800	28"	5
PNRG 160809	16'	8'	9'	16' 4"	8' 10"	13' 2"	12' 11"	2	12,800	28"	5
PNRG 160812	16'	8'	12'	16' 4"	8' 10"	16' 2"	12' 11"	4	12,800	28"	5
PNRG 161006	16'	10'	6'	16' 4"	10' 10"	10' 2"	15' 4"	2	16,000	35"	7.5
PNRG 161009	16'	10'	9'	16' 4"	10' 10"	13' 2"	15' 4"	2	16,000	35"	7.5
PNRG 161012	16'	10'	12'	16' 4"	10' 10"	16' 2"	15' 4"	4	16,000	35"	7.5
<b>18' Wide Booths</b>											
PNRG 180806	18'	8'	6'	18' 4"	8' 10"	10' 2"	13' 4"	3	14,400	35"	7.5
PNRG 180809	18'	8'	9'	18' 4"	8' 10"	13' 2"	13' 4"	3	14,400	35"	7.5
PNRG 180812	18'	8'	12'	18' 4"	8' 10"	16' 2"	13' 4"	6	14,400	35"	7.5
PNRG 181006	18'	10'	6'	18' 4"	10' 10"	10' 2"	15' 4"	3	18,000	35"	7.5
PNRG 181009	18'	10'	9'	18' 4"	10' 10"	13' 2"	15' 4"	3	18,000	35"	7.5
PNRG 181012	18'	10'	12'	18' 4"	10' 10"	16' 2"	15' 4"	6	18,000	35"	7.5
<b>20' Wide Booths</b>											
PNRG 200806	20'	8'	6'	20' 4"	8' 10"	10' 2"	13' 4"	4	16,000	35"	7.5
PNRG 200809	20'	8'	9'	20' 4"	8' 10"	13' 2"	13' 4"	4	16,000	35"	7.5
PNRG 200812	20'	8'	12'	20' 4"	8' 10"	16' 2"	13' 4"	8	16,000	35"	7.5
PNRG 201006	20'	10'	6'	20' 4"	10' 10"	10' 2"	15' 4"	4	20,000	35"	7.5
PNRG 201009	20'	10'	9'	20' 4"	10' 10"	13' 2"	15' 4"	4	20,000	35"	7.5
PNRG 201012	20'	10'	12'	20' 4"	10' 10"	16' 2"	15' 4"	8	20,000	35"	7.5

# POWDER RECOVERY BOOTHS

Ideal for small- to medium-sized batch powder applications, Powder Recovery Booths from IDS provide a bright, efficient finishing environment for powder coating operations. An integrated Powder Collection Module in IDS Powder Recovery Booths features high-efficiency cartridge filters for capturing powder overspray and a load-triggered filter pulsing system, which cleans filters for a longer life span.

## BOOTH FEATURES:

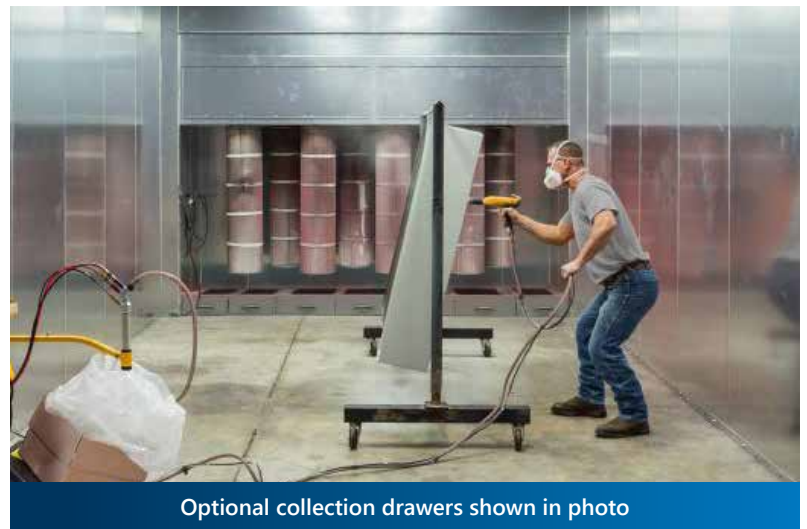
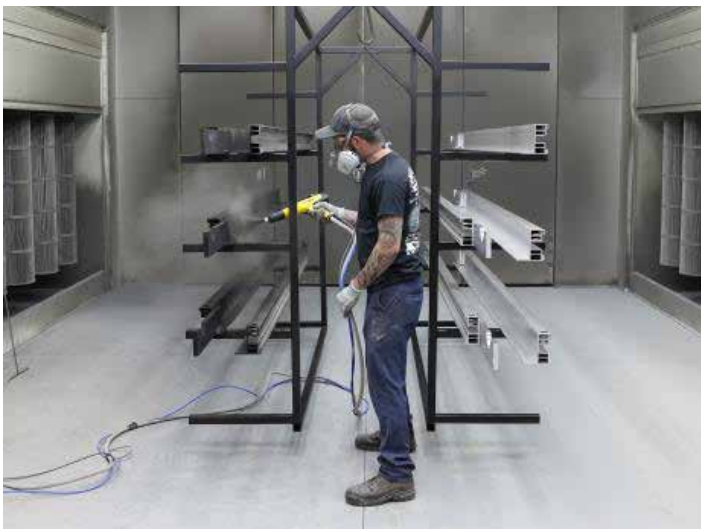
- 18-gauge galvanized steel panels
- Smooth interior for easy maintenance
- Powder Collection Module(s) with:
  - High-efficiency, MERV 12-rated cartridge filters
  - MERV 13-rated redundant filters
- High-performance, direct-drive plug fan with TEFC motor
- Rear or top exhaust orientation
- Four-tube, T8 LED light fixture(s)
- Designed to comply with all federal, NFPA and OSHA regulations

## OPTIONS:

- Pre-coated white panels
- Additional sidewall or ceiling light fixtures
- HEPA filters
- Electromechanical control panel



Optional pre-coated white panels and fluidized bed shown in photo



Optional collection drawers shown in photo

# POWDER RECOVERY BOOTH MODELS

Standard Model No.	Inside Dimension			Outside Dimension Top Discharge			Outside Dimension Rear Discharge			Light Qty	Collector Size	Collector Qty
	Width	Height	Depth	Width	Height	Depth	Width	Height	Depth			
<b>6' Wide Booths</b>												
PRBG-060806	6'	8'	6'	6' 4"	10' 5"	9' 6"	6' 4"	8' 4"	11' 6"	1	6,000	1
PRBG-060809	6'	8'	9'	6' 4"	10' 5"	12' 6"	6' 4"	8' 4"	14' 6"	1	6,000	1
PRBG-060812	6'	8'	12'	6' 4"	10' 5"	15' 6"	6' 4"	8' 4"	17' 6"	2	6,000	1
PRBG-061006	6'	10'	6'	6' 4"	10' 5"	9' 6"	6' 4"	10' 2"	11' 6"	1	6,000	1
PRBG-061009	6'	10'	9'	6' 4"	10' 5"	12' 6"	6' 4"	10' 2"	14' 6"	1	6,000	1
PRBG-061012	6'	10'	12'	6' 4"	10' 5"	15' 6"	6' 4"	10' 2"	17' 6"	2	6,000	1
<b>8' Wide Booths</b>												
PRBG-080806	8'	8'	6'	8' 4"	10' 5"	9' 6"	8' 4"	8' 4"	11' 8"	1	8,000	1
PRBG-080809	8'	8'	9'	8' 4"	10' 5"	12' 6"	8' 4"	8' 4"	14' 8"	1	8,000	1
PRBG-080812	8'	8'	12'	8' 4"	10' 5"	15' 6"	8' 4"	8' 4"	17' 8"	2	8,000	1
PRBG-081006	8'	10'	6'	8' 4"	10' 5"	9' 6"	8' 4"	10' 2"	11' 8"	1	8,000	1
PRBG-081009	8'	10'	9'	8' 4"	10' 5"	12' 6"	8' 4"	10' 2"	14' 8"	1	8,000	1
PRBG-081012	8'	10'	12'	8' 4"	10' 5"	15' 6"	8' 4"	10' 2"	17' 8"	2	8,000	1
<b>10' Wide Booths</b>												
PRBG-100806	10'	8'	6'	10' 4"	10' 5"	9' 6"	10' 4"	8' 4"	11' 8"	2	10,000	1
PRBG-100809	10'	8'	9'	10' 4"	10' 5"	12' 6"	10' 4"	8' 4"	14' 8"	2	10,000	1
PRBG-100812	10'	8'	12'	10' 4"	10' 5"	15' 6"	10' 4"	8' 4"	17' 8"	4	10,000	1
PRBG-101006	10'	10'	6'	10' 4"	10' 5"	9' 6"	10' 4"	10' 2"	11' 8"	2	10,000	1
PRBG-101009	10'	10'	9'	10' 4"	10' 5"	12' 6"	10' 4"	10' 2"	14' 8"	2	10,000	1
PRBG-101012	10'	10'	12'	10' 4"	10' 5"	15' 6"	10' 4"	10' 2"	17' 8"	4	10,000	1
<b>12' Wide Booths</b>												
PRBG-120806	12'	8'	6'	12' 4"	10' 5"	9' 6"	12' 4"	8' 10"	11' 8"	2	12,000	1
PRBG-120809	12'	8'	9'	12' 4"	10' 5"	12' 6"	12' 4"	8' 10"	14' 8"	2	12,000	1
PRBG-120812	12'	8'	12'	12' 4"	10' 5"	15' 6"	12' 4"	8' 10"	17' 8"	4	12,000	1
PRBG-121006	12'	10'	6'	12' 4"	10' 10"	9' 6"	12' 4"	10' 10"	11' 8"	2	12,000	1
PRBG-121009	12'	10'	9'	12' 4"	10' 10"	12' 6"	12' 4"	10' 10"	14' 8"	2	12,000	1
PRBG-121012	12'	10'	12'	12' 4"	10' 10"	15' 6"	12' 4"	10' 10"	17' 8"	4	12,000	1
<b>14' Wide Booths</b>												
PRBG-140806	14'	8'	6'	14' 4"	10' 5"	9' 6"	14' 4"	8' 10"	11' 6"	2	12,000	1
PRBG-140809	14'	8'	9'	14' 4"	10' 5"	12' 6"	14' 4"	8' 10"	14' 6"	2	12,000	1
PRBG-140812	14'	8'	12'	14' 4"	10' 5"	15' 6"	14' 4"	8' 10"	17' 6"	4	12,000	1
PRBG-141006	14'	10'	6'	14' 4"	10' 10"	9' 6"	14' 4"	10' 10"	11' 8"	2	8,000	2
PRBG-141009	14'	10'	9'	14' 4"	10' 10"	12' 6"	14' 4"	10' 10"	14' 8"	2	8,000	2
PRBG-141012	14'	10'	12'	14' 4"	10' 10"	15' 6"	14' 4"	10' 10"	17' 8"	4	8,000	2
<b>16' Wide Booths</b>												
PRBG-160806	16'	8'	6'	16' 4"	10' 5"	9' 6"	16' 4"	8' 10"	11' 8"	2	8,000	2
PRBG-160809	16'	8'	9'	16' 4"	10' 5"	12' 6"	16' 4"	8' 10"	14' 8"	2	8,000	2
PRBG-160812	16'	8'	12'	16' 4"	10' 5"	15' 6"	16' 4"	8' 10"	17' 8"	4	8,000	2
PRBG-161006	16'	10'	6'	16' 4"	10' 10"	9' 6"	16' 4"	10' 10"	11' 8"	2	8,000	2
PRBG-161009	16'	10'	9'	16' 4"	10' 10"	12' 6"	16' 4"	10' 10"	14' 8"	2	8,000	2
PRBG-161012	16'	10'	12'	16' 4"	10' 10"	15' 6"	16' 4"	10' 10"	17' 8"	4	8,000	2
<b>18' Wide Booths</b>												
PRBG-180806	18'	8'	6'	18' 4"	10' 5"	9' 6"	18' 4"	8' 10"	11' 8"	3	8,000	2
PRBG-180809	18'	8'	9'	18' 4"	10' 5"	12' 6"	18' 4"	8' 10"	14' 8"	3	8,000	2
PRBG-180812	18'	8'	12'	18' 4"	10' 5"	15' 6"	18' 4"	8' 10"	17' 8"	6	8,000	2
PRBG-181006	18'	10'	6'	18' 4"	10' 10"	9' 6"	18' 4"	10' 10"	11' 8"	3	10,000	2
PRBG-181009	18'	10'	9'	18' 4"	10' 10"	12' 6"	18' 4"	10' 10"	14' 8"	3	10,000	2
PRBG-181012	18'	10'	12'	18' 4"	10' 10"	15' 6"	18' 4"	10' 10"	17' 8"	6	10,000	2
<b>20' Wide Booths</b>												
PRBG-200806	20'	8'	6'	20' 4"	10' 5"	9' 6"	20' 4"	8' 10"	11' 8"	4	10,000	2
PRBG-200809	20'	8'	9'	20' 4"	10' 5"	12' 6"	20' 4"	8' 10"	14' 8"	4	10,000	2
PRBG-200812	20'	8'	12'	20' 4"	10' 5"	15' 6"	20' 4"	8' 10"	17' 8"	8	10,000	2
PRBG-201006	20'	10'	6'	20' 4"	10' 10"	9' 6"	20' 4"	10' 10"	11' 8"	4	10,000	2
PRBG-201009	20'	10'	9'	20' 4"	10' 10"	12' 6"	20' 4"	10' 10"	14' 8"	4	10,000	2
PRBG-201012	20'	10'	12'	20' 4"	10' 10"	15' 6"	20' 4"	10' 10"	17' 8"	8	10,000	2

# POWDER COLLECTION MODULES

With high-efficiency filtration, fan and motor, the IDS Powder Collection Module delivers superior performance for your powder coating application. The space-saving design features cartridge filters staggered in two rows, reducing the overall width of the module. With models available in four CFM ranges and two exhaust orientations, the complete line of Powder Collection Modules accommodates various production levels and shop space restrictions. Modules can be sold separately or integrated into a IDS Powder Recovery Booth.

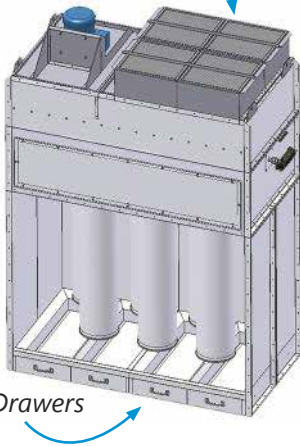
## MODULE FEATURES:

- 18-gauge galvanized steel panels
- High-efficiency, MERV 12-rated cartridge filters
- MERV 13-rated redundant filters
- Unique twist-lock filter loading mechanism for easy filter changes
- Adjustable load-triggered filter pulsing for increased life span
- High-performance, direct-drive plug fan with TEFC motor
- Top or rear exhaust orientation
- Integrated pulse timer board
- Designed to comply with all federal, NFPA and OSHA regulations

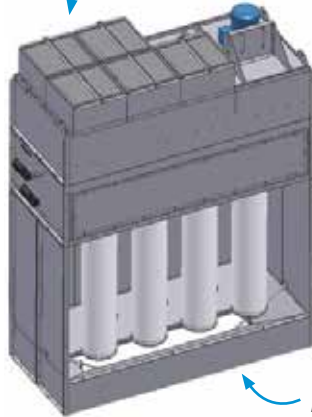
## OPTIONS:

- Pre-coated white panels
- HEPA filters
- Fluidized bed or collection drawers for easy cleanup and powder recovery

**8,000 CFM Module with optional HEPA filtration**



**10,000 CFM Module with optional HEPA filtration**



Standard Modules	Exhaust Orientation						Number of Filters		
	Top Discharge			Rear Discharge			HP	Final (MERV 13)	Cartridge (MERV 12)
	Width	Height	Depth	Width	Height	Depth			
6,000 CFM	6' 4"	10' 5 1/2"	3' 9"	5' 4"	8' 4 1/4"	5' 5 5/16"	7.5	3	5
8,000 CFM	6' 4"	10' 3 1/2"	3' 9"	5' 4"	8' 4 1/4"	5' 7 9/16"	7.5	4	6
10,000 CFM	8' 4"	10' 5"	3' 9"	6' 4"	8' 4 1/4"	5' 8 3/4"	10	5	7
12,000 CFM	11' 4"	10' 5 1/2"	3' 9"	6' 4"	8' 4 1/4"	5' 5 5/16"	(2) 7.5	6	8

# HIGH-PRODUCTION POWDER BOOTHS

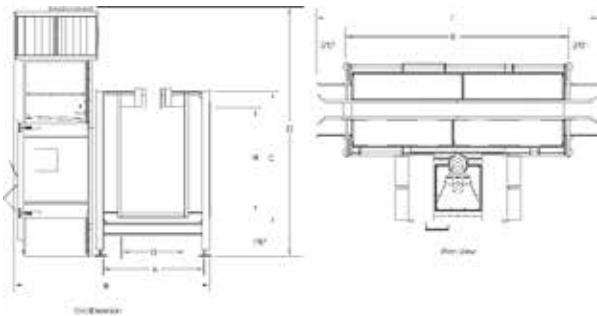
Often used in conveyORIZED powder application systems, High-Production Powder Booths from IDS Blast are designed to increase your productivity, product quality and profitability. With modular designs engineered for optimum airflow and maximum transfer efficiency, IDS High-Production Powder Booths are ideal for mass production powder coating applications.

## BOOTH FEATURES:

- 18-gauge stainless steel panels for exceptionally long life
- Smooth, tapered inside surfaces for easy cleaning
- Standard, 2-foot-long entrance and exit vestibules
- Transparent, polycarbonate ceiling for brighter application environment
- Adjustable height leveling
- Overhead filtration with lightweight, removable filter modules
- Independent, self-cleaning powder collection module(s):
  - High-efficiency cartridge filters and redundant filters
  - Air solenoid valve for filter maintenance
  - Fluidized bed
  - Integral powder fill hopper
  - Casters for easy maneuvering during color changes
- Deluxe control panel with photohelic pressure gauge that monitors pressure drop and initiates pulse-jet filter cleaning
- Designed to comply with all federal, NFPA and OSHA regulations

## OPTIONS:

- Booth openings
- Central air manifold with required regulators
- Two-speed fan control with operating and cleaning modes
- Roll on/off track system
- Flame detection system
- LED lighting



Custom designed booth openings such as operator shields and touch-up windows create a safe and efficient working environment.

Model No.	Inside Dimensions			Overall Dimensions			Conveyor Openings		Auto. Gun Slots		Operator Windows			Collector Module			
	Width A	Height C	Length E	Width B	Height D	Length F	Width G	Height H	Qty	Height	Qty	Width	Height	CFM	Fan Size	Fan HP	Filter Qty
HPCB 2436	4' 0"	5' 0"	14' 6"	8' 9"	11' 5"	18' 6"	2' 0"	3' 0"	2	3' 0"	2	2' 6"	3' 0"	4,000	18"	5	6
HPCB 2448	4' 0"	6' 0"	14' 6"	8' 9"	11' 5"	18' 6"	2' 0"	4' 0"	2	4' 0"	2	2' 6"	4' 0"	5,000	18"	7.5	8
HPCB 3060	5' 0"	7' 0"	16' 6"	9' 9"	11' 5"	20' 6"	2' 6"	5' 0"	2	4' 0"	2	2' 6"	4' 0"	6,000	20"	7.5	10
HPCB 3660	5' 0"	7' 0"	16' 6"	9' 9"	11' 5"	20' 6"	3' 0"	5' 0"	2	5' 0"	2	2' 6"	5' 0"	7,000	22"	10	10
HPCB 3672	5' 0"	8' 0"	18' 6"	9' 9"	11' 5"	22' 6"	3' 0"	6' 0"	2	5' 0"	2	2' 6"	5' 0"	8,000	22"	10	12
HPCB 4872	6' 0"	8' 0"	18' 6"	10' 9"	11' 5"	22' 6"	4' 0"	6' 0"	2	5' 0"	2	2' 6"	5' 0"	9,000	22"	15	12

# BATCH POWDER COATING SYSTEMS

SURFACE PREP | APPLICATION | CURING

## YOUR TRUSTED PARTNER

*We stand by our products and believe that excellent service shouldn't end at the sale.*

You can rely on IDS and our experienced distribution network for lifelong support and service of your finishing equipment.

IDS' Technical Services department and a local distributor will assist you with any repairs or maintenance issues to ensure your Batch Powder Coating System is running in peak condition.



## THE INDUSTRY LEADER

Advanced technology, trusted expertise and decades of powder coating equipment experience make IDS the foremost authority in Batch Powder Coating Systems.

The strength and quality of IDS products comes from precision engineering and continual product development.

Our expansive in-house design and engineering team includes electrical engineers, software developers, licensed structural engineers, airflow specialists, code compliance specialists, mechanical engineers and systems designers.



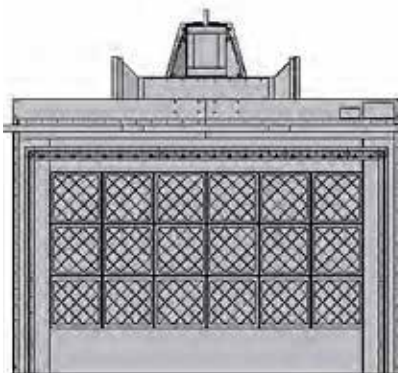
# ONE STOP SHOP FOR BATCH POWDER COATING

**Batch Powder Coating Systems from IDS enable businesses to efficiently prep, powder coat and cure products in small- to medium-sized batch operations — ensuring high-quality finishes and increased throughput.**

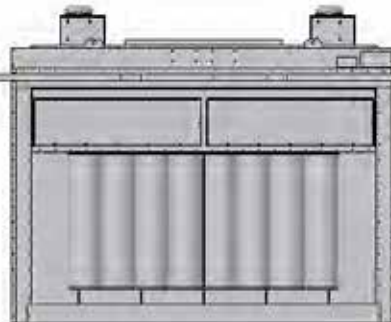


With a complete line of finishing equipment for batch powder coating — including surface preparation equipment, powder coating booths and curing ovens — IDS Blast serves as a one-stop shop for industrial businesses and job shops looking to establish, expand, upgrade or maintain their batch powder coating operation.

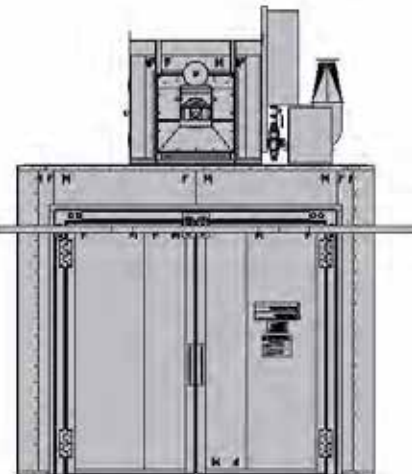
By bringing powder coating operations in-house with IDS equipment, businesses can increase profitability while better controlling product quality and production rates. Businesses with in-house powder coating operations can see a return on investment of less than a year.



**SANDING BOOTH**



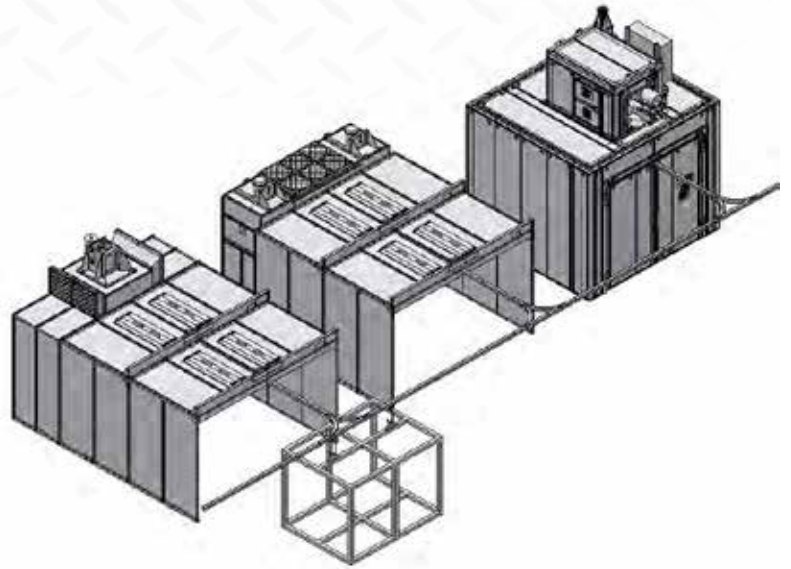
**POWDER BOOTH**



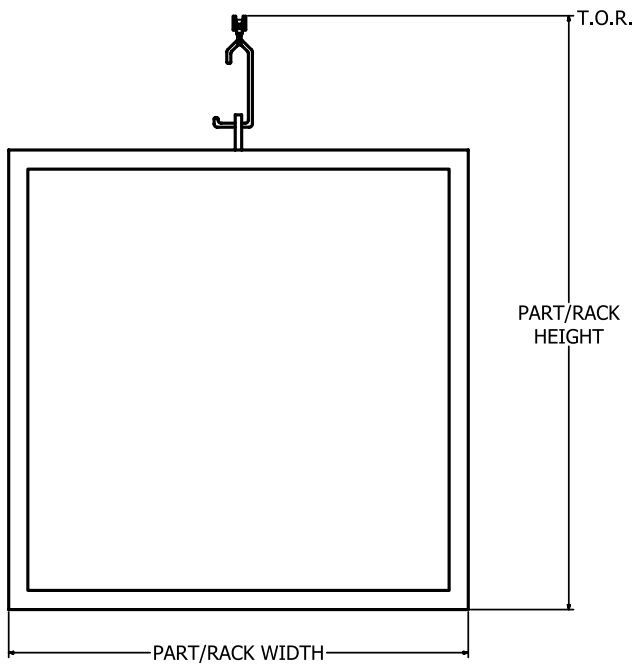
**OVEN**

# BATCH POWDER COATING SYSTEM DESIGN

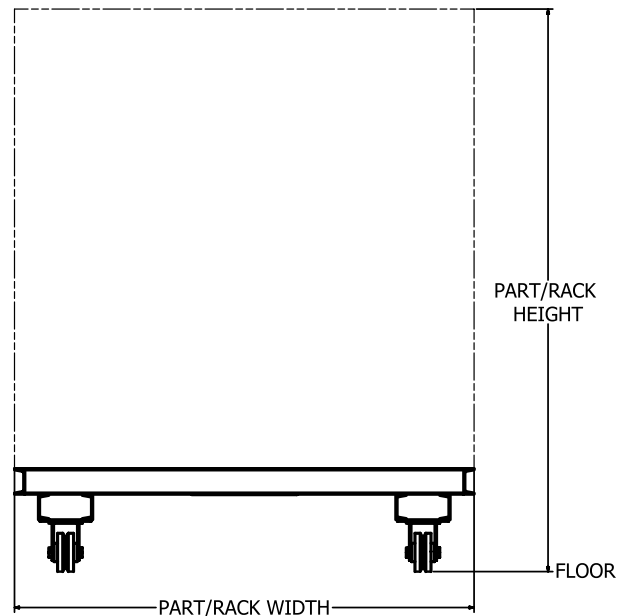
All components of the IDS Batch Powder Coating System are designed to work together to create a productive batch powder coating operation. We will work with you to develop a Batch Powder Coating System that meets your production needs and space restrictions.



Parts can be moved in and out of each piece of equipment in a IDS Batch Powder Coating System via a rack, cart or push conveyor to meet your production needs. Since curing takes longer than surface preparation and powder application, IDS has designed Batch Powder Ovens to accommodate two carts or racks — improving efficiency and increasing the throughput of your powder coating operation.



OVERHEAD CONVEYOR



PART ON CART

# SIZING YOUR BATCH POWDER SYSTEM

To determine the right size for each piece of equipment in your IDS Batch Powder Coating System, you need to identify your maximum work package size. The work package includes the dimensions of the part(s) you are painting as well as the dimensions of the cart, rack or conveyor that you are using to move the part(s) into each piece of equipment.

For conveyorized systems, you will need to account for the height of the rail and hooks. If you are moving parts into each piece of equipment on a cart or rack, you will need to consider the height of the cart or rack when sizing your equipment.

We have developed standard Batch Powder Coating Systems that accommodate the most common work package sizes. In addition to accommodating the work package, each piece of equipment in the Batch Powder Coating System is sized to accommodate the process. For example, in a Powder Coating Booth, you will need room to move around the part to apply the coating, whereas, in a Batch Powder Oven, you will not need to account for working space around the part. Blast Booths also include additional space around the part due to the nature of the blasting process.

## STANDARD SYSTEM SIZES & OPTIONS

Work Package		Width	2	2	3	4	4	6	6	6	8	8		
		Height	5	6	6	6	6	6	6	6	8	8		
		Length	4	6	6	6	8	6	8	10	8	12		
Pre-treatment	Blast Booth	Equipment Size	10 x 8 x 16				14 x 8 x 24				14 x 10 x 24			
	Wash Booth		8 x 8 x 9	10 x 8 x 12				12 x 8 x 12				14 x 10 x 16		
	Dust Collection Booth		Sanding Booth	8 x 8 x 9	10 x 8 x 12				12 x 8 x 12				14 x 10 x 12	14 x 10 x 16
			Sanding & Grinding Booth	8 x 8 x 9	10 x 8 x 12				12 x 8 x 12				14 x 10 x 12	14 x 10 x 16
Ap-plication	Powder Coating Booth	Equipment Size	8 x 8 x 9	10 x 8 x 12				12 x 8 x 12				14 x 10 x 12	14 x 10 x 16	
			8 x 8 x 9	10 x 8 x 12				12 x 8 x 12				14 x 10 x 12	14 x 10 x 16	
Cur-ing	Pass Through with Overhead Rail	Equipment Size	6 x 8 x 12	6 x 8 x 16				6 x 8 x 20	8 x 8 x 16	8 x 8 x 20	8 x 8 x 24	10 x 10 x 20	10 x 10 x 28	
		# of Parts	2	2	2	2	2	2	2	2	2	2	2	
	Solid Back with Overhead Rail	Equipment Size	6 x 8 x 8				6 x 8 x 10	8 x 8 x 8	8 x 8 x 10	8 x 8 x 12	10 x 10 x 10	10 x 10 x 14		
		# of Parts	1	1	1	1	1	1	1	1	1	1	1	
	Pass Through with Inline Carts	Equipment Size	6 x 8 x 12	6 x 8 x 16				6 x 8 x 20	8 x 8 x 16	8 x 8 x 20	8 x 8 x 24	10 x 10 x 20	10 x 10 x 28	
		# of Parts	2	2	2	2	2	2	2	2	2	2	2	
	Solid Back with Side-by-Side Carts	Equipment Size	8 x 8 x 8	10 x 8 x 8	12 x 10 x 8	12 x 10 x 10	8 x 8 x 8	8 x 8 x 10	8 x 8 x 12	10 x 10 x 10	10 x 10 x 14			
		# of Parts	2	2	2	2	1	1	1	1	1			

# PROVEN QUALITY & COMPLIANCE

IDS products are designed and manufactured to meet the applicable requirements of various industry recognized codes and standards.



- Reference NFPA 33 and Chapter 24 of the International Fire Code (IFC) for spray applications using flammable and combustible materials
- Reference NFPA 86 and Chapter 30 of the IFC for curing and drying applications
- Many components and product lines are ETL and ETL-C listed. The ETL or ETL-C mark is proof of compliance with North American safety standards, including UL, NFPA, OSHA and more
- A UL or CUL listing verifies that Underwriters Laboratories has tested IDS' product and determined that it meets their stringent safety and performance requirements



Please be aware that local requirements may vary from national codes. IDS recommends consulting with your local authority before purchasing paint booths or other finishing equipment.

IDS engineers regularly contribute to the advancement of codes and standards that affect the industries that we work in. Several of our engineers serve on various NFPA Technical Committees responsible for key finishing industry standards.



# INDUSTRIAL PRETREATMENT WASHERS

Used for cleaning metal and plastic substrates prior to liquid or powder coating, as well as before and after machining or forming components, Industrial Pretreatment Washers from IDS Blast provide a highly efficient environment for washing processes. IDS Industrial Pretreatment Washers are often designed with separate housing sections to accommodate multiple pretreatment stages.

## PRECISE ENGINEERING

Precision engineered and manufactured of heavy-duty materials, IDS Industrial Pretreatment Washers are built to last. The tanks on IDS Pretreatment Washers are double-welded, both on the inside and outside, preventing leaks.

## CUSTOMIZATION

IDS is experienced at designing and building high-quality washers that are custom engineered to meet your business' needs. IDS Industrial Pretreatment Washers can be designed as a spray or immersion environment, or as a combination of both.

## EASY INSTALLATION

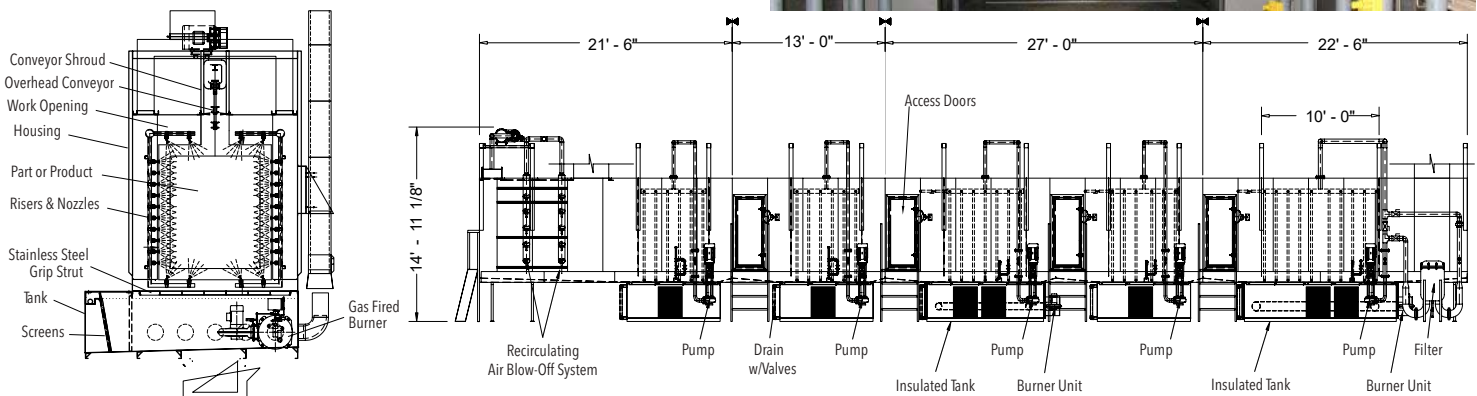
The modular design of IDS Pretreatment Washers allows for easier, quicker installation, so you can begin using your equipment sooner. Many of our Pretreatment Washers are preassembled at our manufacturing facility in Osseo, Wisconsin, to ensure proper fit and function, which also shortens installation time.

## MULTI-STAGE WASHERS

The number of stages and design of the Industrial Pretreatment Washer is dependent upon the complexity and finish specifications of the parts. A typical multi-stage washer includes a chemical cleaning stage, followed by water and seal rinse stages. Complex multi-stage washers may also include phosphate stages, additional rinse stages, and reverse osmosis or surfactant final rinse stages.

## ADJUSTABLE NOZZLES

IDS Pretreatment Washers feature clip-on nozzles, which can be easily removed for cleaning, allowing for hassle-free maintenance. Since each nozzle can be adjusted, you can precisely aim it at the desired part or product in the washer.



# INDUSTRIAL PRETREATMENT WASHERS

## WASHER FEATURES:

### TANKS

- Stainless or mild steel
- Overflow gutters on all stages
- Dual stainless steel filter screens with bottom sludge dam
- Gas-fired immersion heating equipment
- Removable access covers
- Sloped tanks to sump drain for easy cleanout

### HOUSING

- Stainless or mild steel
- Drain decks sloped (70/30 with a 2-inch center dam)
- Bulkhead access doors in drain stages
- Entrance and exit exhaust vestibules
- Silhouettes between all spray sections
- Bolted construction

### PIPING

- CPVC schedule 80 header piping with quick, overhead disconnects
- CPVC schedule 80 risers with quick disconnects
- Drains, overflows and counter-flow piping (schedule 80 CPVC)
- Rapid fill bypass on all stages
- Vertical pumps
- Thermometers on heated stages
- Pressure gauges on all stages

### CONTROLS

- UL-listed, PLC-based control panel
- Electronic solution-level controls on all stages

## WASHER OPTIONS:

- Stainless steel grating in solution tanks
- Insulated tanks with 18-gauge, stainless steel panels
- Manual solution level controls
- Particle filtration system
- Oil separation systems
- Conveyor shrouds in spray and drain stages
- Tank cleanout marine doors
- Blow-off units or dry-off ovens for drying parts



# BATCH BURN-OFF WASHERS

IDS' Batch Burn-Off Washer is designed for secondary cleanup of burned off racks, hooks, fixtures and parts. Overhead and corner nozzles spray water on the part, flushing the loose paint ash from the surface.

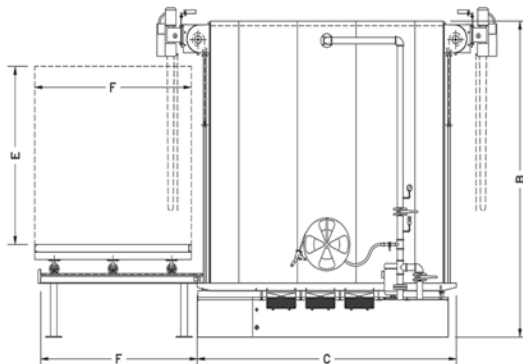
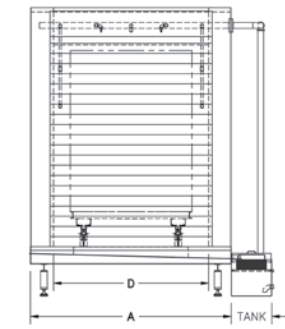
This ash travels to the filtration area, where it is collected for manual removal. Overhead roll-up doors, located at the front and rear of the booth, allow the operator to access the load for manual detailing and final removal.

## WASHER FEATURES

- Constructed of 10-gauge steel and heavy structural steel support with one overhead roll-up doors
- Heavy-duty structural steel cart with track extension
- Header and spray nozzle system
- Manual rinse station with wand and hose for detailing of parts
- Polypropylene roof panels for greater visibility inside of booth
- Reservoir tank made of 10-gauge steel
- Media filter baskets with handles for easy removal of ash
- Low solution level switch to prevent pump cavitation

## OPTIONS

- Auxiliary manual power washer (2 FPM at 1000 psi)
- Overhead hoist (electric, 2000 lbs.)
- Turntable
- Additional roll-up door
- Customized cart



	External Dimensions			Load Area*			Load Volume Ft <sup>3</sup>
	Width A	Height B	Depth C	Width D	Height E	Depth F	
WBBO-3303	7'	9' 1"	5'	3'	3'	3'	27
WBBO-3403	7'	10' 1"	5'	3'	4'	3'	36
WBBO-3505	7'	11' 1"	7'	3'	5'	5'	75
WBBO-4404	8'	10' 1"	6'	4'	4'	4'	64
WBBO-4504	8'	11' 1"	6'	4'	5'	4'	80
WBBO-4604	8'	12' 1"	6'	4'	6'	4'	96
WBBO-5505	9'	11' 1"	7'	5'	5'	5'	125
WBBO-5605	9'	12' 1"	7'	5'	6'	5'	150
WBBO-5705	9'	13' 1"	7'	5'	7'	5'	175
WBBO-6404	10'	10' 1"	6'	6'	4'	4'	96
WBBO-6505	10'	11' 1"	7'	6'	5'	5'	150
WBBO-6606	10'	12' 1"	8'	6'	6'	6'	216
WBBO-6706	10'	13' 1"	8'	6'	7'	6'	252
WBBO-6806	10'	14' 1"	8'	6'	8'	6'	288
WBBO-7606	11'	12' 1"	8'	7'	6'	6'	252
WBBO-7706	11'	13' 1"	8'	7'	7'	6'	294
WBBO-8505	12'	11' 1"	7'	8'	5'	5'	200
WBBO-8606	12'	12' 1"	8'	8'	6'	6'	288
WBBO-8706	12'	13' 1"	8'	8'	7'	6'	336
WBBO-8806	12'	14' 1"	8'	8'	8'	6'	384

All dimensions are approximate, in inches.

\* Dimensions are wall to wall and height over cart.

# WATER WASH BOOTHS

IDS' Water Wash Spray Booths provide an extremely efficient means for removing paint particles from the exhaust air, resulting in a cleaner painting environment for superior quality finishes, increased productivity and improved working conditions. Water Wash Spray Booths are ideal when using large quantities of coatings. IDS is experienced at designing and building Water Wash Booths to meet your specific size and configuration requirements. IDS will work with you to determine the best solution for your needs.

## FEATURES

- Efficient airborne particulate removal
- Water wash scrubber with enhanced impingement technology
- High volume capture efficiency
- EnviroTect & Dynaprecipitor™ models available

## ENVIROTECT BOOTHS

EnviroTect washer section employs a built-in trough which provides an initial wetting action on the particulates. This enables the EnviroTect booth to perform efficiently with even the most difficult coating materials. Straight line, non-turbulent airflow through this spray curtain improves paint particulate capture and cleaning action while reducing energy consumption.

Air/liquid nozzles are spaced as necessary depending on production and air volume requirements. Interior surfaces are wetted to eliminate paint overspray build-up which reduces booth cleaning and captures the paint within the eliminator for removal.

## ENVIROTECT F7

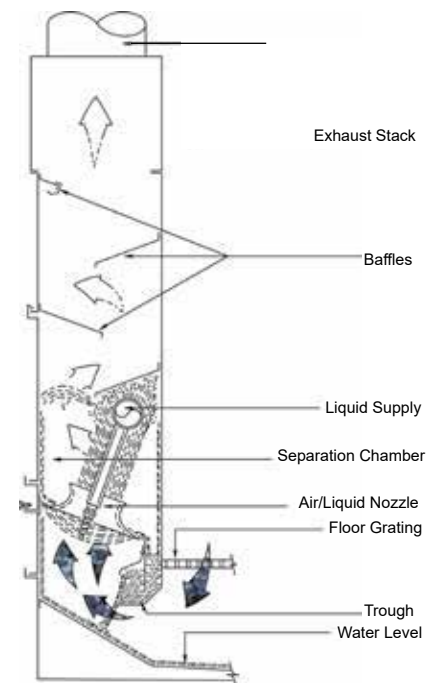
- Designed for standard industrial applications
- Rated as passing less than five grains solids per 1000 CFM\*
- Features reduced energy

## ENVIROTECT F10

- High-efficiency booth designed for heavy industrial painting
- Rated as passing less than three grains solids per 1000 CFM\*

## ENVIROTECT VERTICAL FLOW MODEL FEATURES

- Static pressure: 3.5 in. WC (F7 models), 5 in. WC (F10 models)
- Air Nozzle Diameter: 17 in. minimum I.D. (F7 models), 14 in. minimum I.D. (F10 models)
- Liquid Nozzle: 150 GPM
- Liquid Nozzle Pressure: 4 psi
- Air and liquid nozzles are made of 316 stainless steel



# WATER WASH BOOTHS

## DYNAPRECIPITOR BOOTHS

IDS Blast's Dynaprecipitor Water Wash Spray Booth handles a larger variety of paints in a wider range of viscosities and drying speeds, at higher production rates than any conventional spray booth.

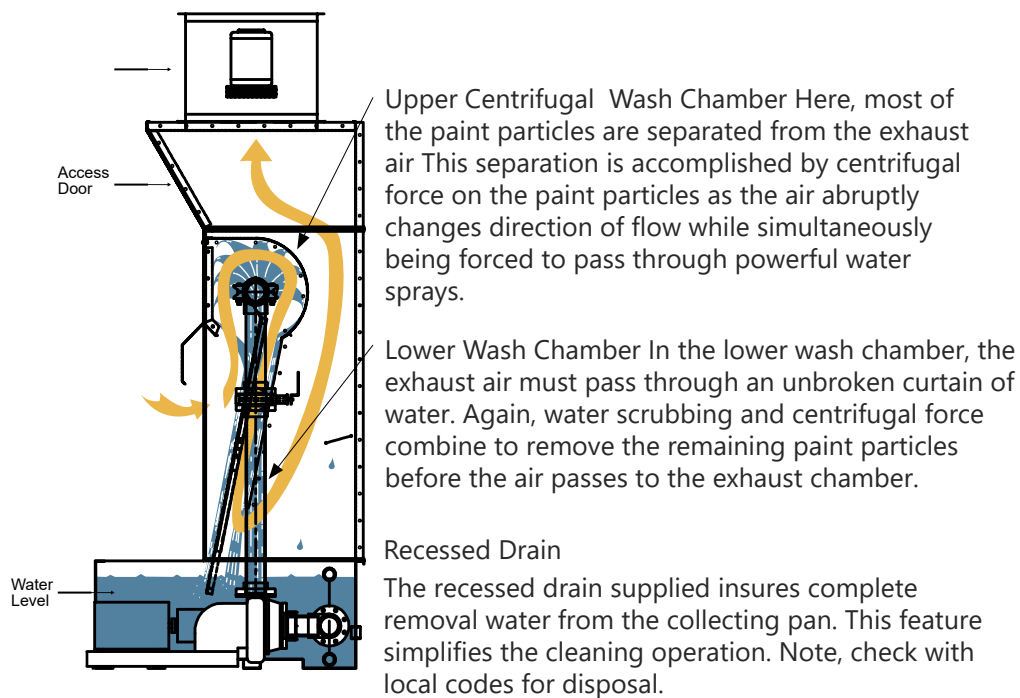
This booth employs two well-known engineering principles to remove paint particles from exhaust air in painting operations. First, by drawing air through a continuous curtain of moving water, suspended paint particles are scrubbed out. Second, when air carrying paint particles makes a sudden change in direction of flow, centrifugal force slings the solid particles out of the air stream (called impingement). Entrained paint particles are thrown against adjacent walls and curtains. Water then flushes the particles into the collecting pan. Through these two actions the air reaching the exhaust stack is virtually free of airborne particles, keeping the stack area cleaner longer.

The wash water should be treated (compounded). This causes the paint particles to coagulate and allows convenient skimming when cleaning out the collection pan. IDS recommends that the end user enlist the support of an experienced chemical supplier that will provide the paint testing required to support the chemical treatment for controlling the pH, foaming and detactifier agent to enhance the performance of the water wash equipment.

## DYNAPRECIPITOR BOOTH FEATURES

Constructed of 18-gauge galvanized panels for field assembly:

- An upper and lower wash chamber
- Large capacity collecting pan
- Slotted water intake pipe to ensure sediment-free water
- Circulating water to maintain a constantly flushed system
- Removable manifold for easy maintenance
- Hinged water curtain to allow easy access to the rear of the collecting pan
- Access door located just below the fan for easy maintenance
- External float box with level control



Note: Water Wash chambers work well in crossdraft and downdraft spray booth configurations. For questions about drains, exhaust and motors, please contact IDS.

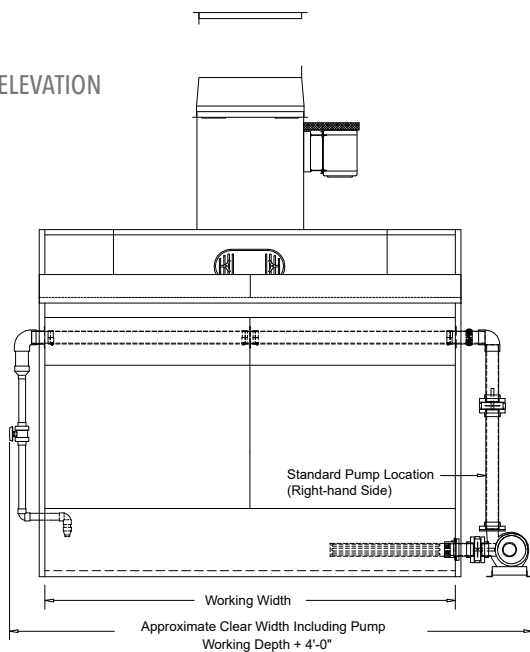
# WATER WASH BOOTHS

## DYNAPRECIPITATOR BOOTH MODELS

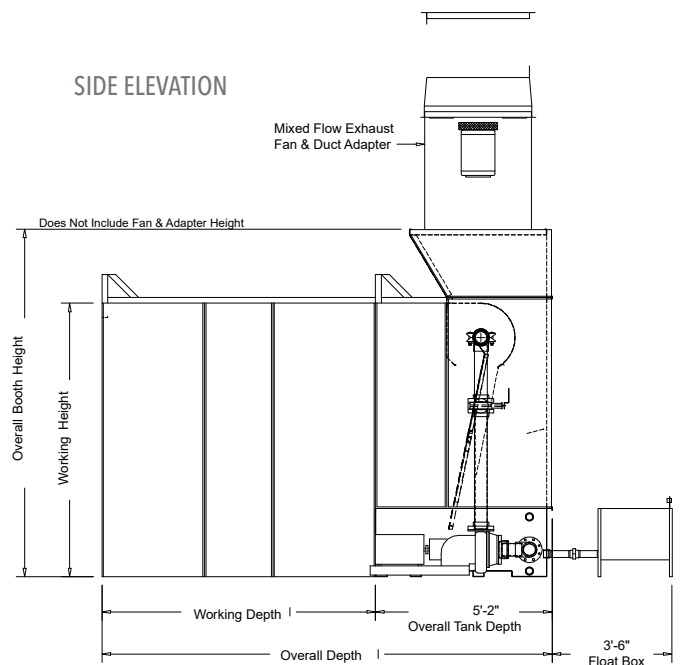
Standard Model No.	Working Dimensions		Overall Dimensions		Airflow SCFM at 1.3" SP	Exhaust Duct Diameter	Exhaust HP	Pump		No. of Light Fixtures
	Width	Depth	Height	Depth				GPM	HP	
<b>7-Foot-High Booths</b>										
WWDE-060706	6'	6'	10' 2"	11' 2"	5,250	24"	3	228	5	1
WWDE-080706	8'	6'	10' 2"	11' 2"	7,000	24"	5	284	5	1
WWDE-100706	10'	6'	10' 2"	11' 2"	8,750	30"	5	340	5	2
WWDE-120708	12'	8'	10' 2"	13' 2"	10,500	30"	7.5	396	7.5	2
WWDE-140708	14'	8'	10' 2"	13' 2"	12,250	30"	7.5	452	7.5	2
WWDE-160708	16'	8'	10' 2"	13' 2"	14,000	36"	7.5	508	7.5	2
WWDE-180708	18'	8'	10' 2"	13' 2"	15,750	30" (2)	5 (2)	564	7.5	3
WWDE-200708	20'	8'	10' 2"	13' 2"	17,500	30" (2)	5 (2)	585	7.5	4
<b>8-Foot-High Booths</b>										
WWDE-060806	6'	6'	10' 2"	11' 2"	6,000	24"	3	228	5	1
WWDE-080806	8'	6'	10' 2"	11' 2"	8,000	30"	5	284	5	1
WWDE-100806	10'	6'	10' 2"	11' 2"	10,000	30"	5	340	5	2
WWDE-120808	12'	8'	10' 2"	13' 2"	12,000	30"	7.5	396	7.5	2
WWDE-140808	14'	8'	10' 2"	13' 2"	14,000	36"	7.5	452	7.5	2
WWDE-160808	16'	8'	10' 2"	13' 2"	16,000	36"	7.5	508	7.5	2
WWDE-180808	18'	8'	10' 2"	13' 2"	18,000	30" (2)	5 (2)	564	7.5	3
WWDE-200808	20'	8'	10' 2"	13' 2"	20,000	30" (2)	5 (2)	585	7.5	4
<b>10-Foot-High Booths</b>										
WWDE-081006	8'	6'	10' 2"	11' 2"	10,000	30"	5	284	5	2
WWDE-101006	10'	6'	10' 2"	11' 2"	12,500	30"	7.5	340	5	2
WWDE-121008	12'	8'	10' 2"	13' 2"	15,000	36"	7.5	396	7.5	2
WWDE-141008	14'	8'	10' 2"	13' 2"	17,500	36"	10	452	7.5	2
WWDE-161008	16'	8'	10' 2"	13' 2"	20,000	42"	15	508	7.5	2
WWDE-181008	18'	8'	10' 2"	13' 2"	22,500	30" (2)	5 (2)	564	7.5	3
WWDE-201008	20'	8'	10' 2"	13' 2"	25,000	30" (2)	7.5 (2)	585	7.5	4

Note: Contact IDS for Conveyor Type Models

FRONT ELEVATION



SIDE ELEVATION



# BATCH PROCESS OVENS

Designed for drying, curing, baking or preheating, Batch Process Ovens from IDS Blast feature excellent heat transfer technology in a compact design. The uni-flow air distribution system circulates heated air on both sides of the oven for a balanced, uniform temperature throughout the oven, resulting in a quality finish for your products.



## OVEN FEATURES

- 4-inch insulated panels made from 20-gauge aluminized steel with four-pound, heavy-duty mineral wool batt
- Built-in, adjustable uni-flow air distribution tabs allow for uniform temperature
- Steel support structure with trouble-free, bolt-together assembly
- PLC control panel with HMI
- Equipped for electric, natural gas or propane
- Top-, rear- or side-mounted heat chamber
- Standard temperature range: 150-300
- Airflow switches and interlocks
- Gas manifold features valving that meets FM insurance requirements
- Meets the safety requirements of NFPA 86, Standard for Ovens and Furnaces

## OPTIONS

- Custom temperature ranges
- Six-pound mineral wool batt
- Sheet metal or insulated floor
- Exhaust duct components
- Oven cart
- Door limit switches

## CONTROL PANEL

Batch Process Ovens from IDS come standard with a PLC-based control system that continuously monitors all systems for safety and function.



## UNI-FLOW AIR DISTRIBUTION

The uni-flow air distribution system with adjustable air distribution tabs circulates heated air on both sides of the oven for a balanced, uniform temperature throughout.



## HEAVY-DUTY, INSULATED PANELS

IDS oven panels are constructed of 20-gauge aluminized steel, with four inches of four-pound mineral wool batt for heat retention. Each oven panel has tongue-and-groove edges with 20-gauge slotted channels for precise assembly.

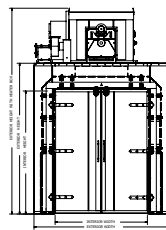


# BATCH PROCESS OVENS

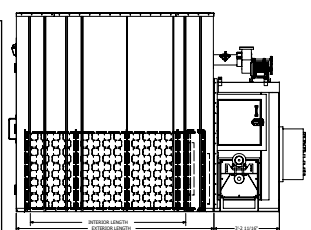
## BATCH PROCESS OVEN MODELS

Model No.	Inside Dimensions			Recirculation Fan		Exhaust Fan			Burner	
	Width	Height	Depth	Airflow CFM	Motor HP	Airflow CFM	Motor HP	Exhaust Duct	Burner Size	Gas Connection
GBO-050605	5'	5'	6'	1,800	2	750	.5	8"	670,000	1"
GBO-050606	5'	6'	6'	1,800	2	750	.5	8"	670,000	1"
GBO-050608	5'	6'	8'	2,400	2	750	.5	8"	670,000	1"
GBO-050610	5'	6'	10'	3,600	5	1,000	.5	8"	670,000	1"
GBO-050612	5'	6'	12'	3,600	5	1,000	.5	8"	670,000	1"
GBO-060606	6'	6'	6'	2,400	2	750	.5	8"	670,000	1"
GBO-060608	6'	6'	8'	3,600	5	1,000	.5	8"	670,000	1"
GBO-060610	6'	6'	10'	3,600	5	1,000	.5	8"	670,000	1"
GBO-060612	6'	6'	12'	5,200	5	1,000	.5	8"	670,000	1"
GBO-060706	6'	7'	6'	2,400	2	1,000	.5	8"	670,000	1"
GBO-060708	6'	7'	8'	3,600	5	750	.5	8"	670,000	1"
GBO-060806	6'	8'	6'	3,600	5	1,000	.5	8"	670,000	1"
GBO-060808	6'	8'	8'	3,600	5	1,000	.5	8"	670,000	1"
GBO-060810	6'	8'	10'	5,200	5	1,000	.5	8"	670,000	1"
GBO-060812	6'	8'	12'	6,400	7.5	1,000	.5	8"	670,000	1"
GBO-080808	8'	8'	8'	5,200	5	1,000	.5	8"	670,000	1"
GBO-080810	8'	8'	10'	6,400	7.5	1,000	.5	8"	670,000	1"
GBO-080812	8'	8'	12'	9,600	10	1,000	.5	8"	670,000	1"
GBO-080814	8'	8'	14'	9,600	10	1,000	.5	8"	670,000	1"
GBO-080816	8'	8'	16'	12,000	10	1,000	.5	8"	670,000	1"
GBO-080818	8'	8'	18'	12,000	10	1,000	.5	8"	670,000	1"
GBO-080820	8'	8'	20'	14,000	10	1,000	.5	8"	670,000	1"
GBO-081008	8'	10'	8'	6,400	7.5	1,000	.5	8"	670,000	1"
GBO-081010	8'	10'	10'	9,600	10	1,000	.5	8"	670,000	1"
GBO-081012	8'	10'	12'	9,600	10	1,000	.5	8"	670,000	1"
GBO-081014	8'	10'	14'	12,000	10	1,000	.5	8"	670,000	1"
GBO-081016	8'	10'	16'	14,000	10	1,000	.5	8"	670,000	1"
GBO-081018	8'	10'	18'	14,000	10	1,000	.5	8"	670,000	1"
GBO-081020	8'	10'	20'	20,000	15	1,500	1	10"	670,000	1"
GBO-101008	10'	10'	8'	9,600	10	1,000	.5	8"	670,000	1"
GBO-101010	10'	10'	10'	12,000	10	1,000	.5	8"	670,000	1"
GBO-101012	10'	10'	12'	14,000	10	1,000	.5	8"	670,000	1"
GBO-101014	10'	10'	14'	14,000	10	1,000	.5	8"	670,000	1"

TOP-MOUNTED HEATER



REAR-MOUNTED HEATER



\* Minimum operating temperature assumes 70°F fresh air intake

# BATCH POWDER OVENS

Precision engineered for small- to medium-sized batch powder coating applications, the Batch Powder Oven from IDS Blast delivers consistent, high-quality finishes. Excellent heat distribution in the IDS Batch Powder Oven enables it to get up to temperature quickly, resulting in shorter cycle times and increased throughput. Available in a range of pre-engineered sizes and options, the IDS Batch Powder Oven is designed to meet your budget and lead time expectations, without compromising on quality.



## EXCEPTIONAL TEMPERATURE UNIFORMITY

Built-in, adjustable uni-flow air distribution tabs on IDS Batch Powder Ovens allows for exceptional temperature uniformity — ensuring high-quality powder finishes. Designed specifically for batch powder coating applications, the Batch Powder Oven features a temperature range of 300 to 500 degrees Fahrenheit and lower air change rates for the efficient curing of powder coating.

## QUICK HEAT-UP & RECOVERY RATES

The air delivery system provides excellent heat distribution, enabling the oven to get up to temperature quickly. Quick heat-up and recovery rates allow for shorter cycle times, resulting in increased throughput.

## CONTROL PANEL

Standard on IDS Batch Powder Ovens, the Converge control panel features advanced time and temperature control — all in a cost-effective, standardized package. The Converge control panel provides alarm notifications and can store hundreds of programs with up to 64 programmable steps. Operating information, oven monitoring and alarm notifications are all visible on the home screen.

## OVEN FEATURES

- 4-inch insulated panels made from 20-gauge aluminized steel with four-pound, heavy-duty mineral wool batt
- Steel support structure with trouble-free, bolt-together assembly
- Converge control panel with touchscreen HMI
- Equipped with a direct gas-fired burner with either natural gas or propane
- Top-mounted heater
- Standard temperature range: 300-500 degrees Fahrenheit
- Meets the safety requirements of NFPA 86, Standard for Ovens and Furnaces

## OVEN OPTIONS

- Drive-thru
- Rear-mounted heater
- Control panel upgrade (INSIGHT or Proven)
- Electric heating
- Six-inch insulated panels

# BATCH POWDER OVENS

## BATCH POWDER OVEN MODELS

Model No.	Inside Dimensions			Recirculation Fan		Exhaust Fan			Burner	
	Width	Height	Depth	Airflow CFM	Motor HP	Airflow CFM	Motor HP	Exhaust Duct	Burner Size	Gas Connection
<b>6-Foot-Wide Ovens</b>										
BPO-060608	6'	6'	8'	1800	2	500	0.5	6"	670,000	1"
BPO-060610	6'	6'	10'	2400	2	500	0.5	6"	670,000	1"
BPO-060612	6'	6'	12'	2400	2	500	0.5	6"	670,000	1"
BPO-060614	6'	6'	14'	3400	3	500	0.5	6"	670,000	1"
BPO-060616	6'	6'	16'	3400	3	500	0.5	6"	670,000	1"
BPO-060618	6'	6'	18'	3600	3	500	0.5	6"	670,000	1"
BPO-060620	6'	6'	20'	4200	5	500	0.5	6"	1,260,000	1.5"
BPO-060622	6'	6'	22'	5000	5	750	0.5	8"	1,260,000	1.5"
BPO-060625	6'	6'	25'	5000	5	750	0.5	8"	1,260,000	1.5"
<b>8-Foot-Wide Ovens</b>										
BPO-080808	8'	8'	8'	3400	3	500	0.5	6"	1,260,000	1.5"
BPO-080810	8'	8'	10'	4200	5	500	0.5	6"	1,260,000	1.5"
BPO-080812	8'	8'	12'	5000	5	500	0.5	6"	1,260,000	1.5"
BPO-080814	8'	8'	14'	5000	5	750	0.5	8"	1,260,000	1.5"
BPO-080816	8'	8'	16'	5750	5	750	0.5	8"	1,260,000	1.5"
BPO-080818	8'	8'	18'	6500	5	750	0.5	8"	1,260,000	1.5"
BPO-080820	8'	8'	20'	7250	7.5	1000	0.5	8"	1,260,000	1.5"
BPO-080824	8'	8'	24'	9600	10	1000	0.5	8"	1,260,000	1.5"
BPO-080826	8'	8'	26'	9600	10	1000	0.5	8"	1,260,000	1.5"
BPO-080828	8'	8'	28'	10000	7.5	1000	0.5	8"	1,260,000	1.5"
BPO-080830	8'	8'	30'	12000	10	1500	0.75	10"	2,000,000	1.5"
BPO-080832	8'	8'	32'	12000	10	1500	0.75	10"	2,000,000	1.5"
BPO-080834	8'	8'	34'	12000	10	1500	0.75	10"	2,000,000	1.5"
BPO-080836	8'	8'	36'	14000	10	1500	0.75	10"	2,000,000	1.5"
BPO-080838	8'	8'	38'	14000	10	1500	0.75	10"	2,000,000	1.5"
BPO-080840	8'	8'	40'	16500	15	1500	0.75	10"	2,000,000	1.5"
<b>10-Foot-Wide Ovens</b>										
BPO-100808	10'	8'	8'	3600	3	500	0.5	6"	1,260,000	1.5"
BPO-100810	10'	8'	10'	5000	5	500	0.5	6"	1,260,000	1.5"
BPO-100812	10'	8'	12'	5750	5	750	0.5	8"	1,260,000	1.5"
BPO-100814	10'	8'	14'	6500	5	750	0.5	8"	1,260,000	1.5"
BPO-100816	10'	8'	16'	7250	7.5	750	0.5	8"	1,260,000	1.5"
BPO-100818	10'	8'	18'	8000	7.5	1000	0.5	8"	1,260,000	1.5"
BPO-100820	10'	8'	20'	10000	7.5	1000	0.5	8"	1,260,000	1.5"
BPO-100822	10'	8'	22'	10000	7.5	1000	0.5	8"	1,260,000	1.5"
BPO-100824	10'	8'	24'	12000	10	1000	0.5	8"	1,260,000	1.5"
BPO-100826	10'	8'	26'	12000	10	1500	0.75	10"	2,000,000	1.5"
BPO-100828	10'	8'	28'	14000	10	1500	0.75	10"	2,000,000	1.5"
BPO-100830	10'	8'	30'	14000	10	1500	0.75	10"	2,000,000	1.5"
BPO-101010	10'	10'	10'	5750	5	500	0.5	6"	1,260,000	1.5"
BPO-101012	10'	10'	12'	7250	7.5	750	0.5	8"	1,260,000	1.5"
BPO-101014	10'	10'	14'	8000	7.5	750	0.5	8"	1,260,000	1.5"
BPO-101016	10'	10'	16'	9600	10	1000	0.5	8"	1,260,000	1.5"
BPO-101018	10'	10'	18'	10000	7.5	1000	0.5	8"	1,260,000	1.5"

# BATCH POWDER OVENS

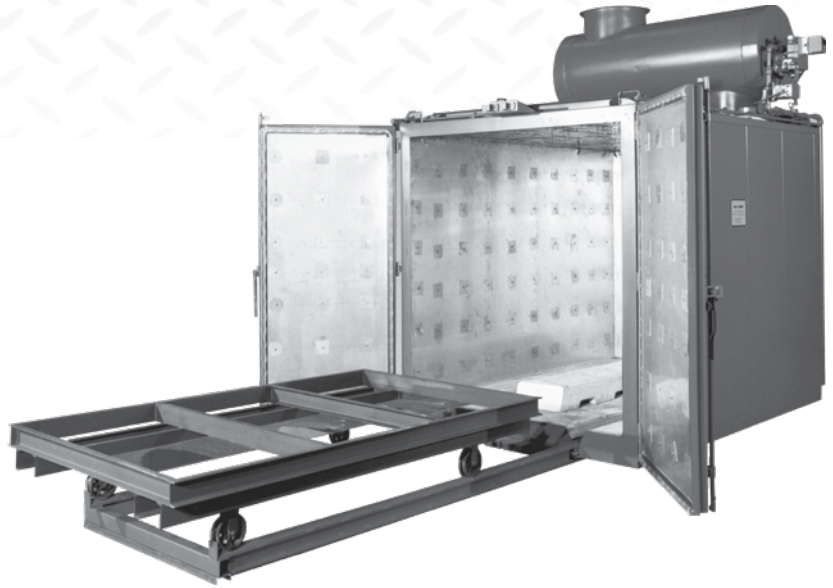
## BATCH POWDER OVEN MODELS

Model No.	Inside Dimensions			Recirculation Fan		Exhaust Fan			Burner	
	Width	Height	Depth	Airflow CFM	Motor HP	Airflow CFM	Motor HP	Exhaust Duct	Burner Size	Gas Connection
<b>10-Foot-Wide Ovens</b>										
BPO-101020	10'	10'	20'	12000	10	1000	0.5	8"	1,260,000	1.5"
BPO-101022	10'	10'	22'	12000	10	1500	0.75	10"	2,000,000	1.5"
BPO-101024	10'	10'	24'	14000	10	1500	0.75	10"	2,000,000	1.5"
BPO-101026	10'	10'	26'	14000	10	1500	0.75	10"	2,000,000	1.5"
BPO-101028	10'	10'	28'	16500	15	1500	0.75	10"	2,000,000	1.5"
BPO-101030	10'	10'	30'	16500	15	1500	0.75	10"	2,000,000	1.5"
BPO-101032	10'	10'	32'	18000	15	2000	1	12"	2,500,000	1.5"
BPO-101034	10'	10'	34'	20000	20	2000	1	12"	2,500,000	1.5"
BPO-101036	10'	10'	36'	20000	20	2000	1	12"	2,500,000	1.5"
BPO-101038	10'	10'	38'	21500	20	2000	1	12"	2,500,000	1.5"
BPO-101040	10'	10'	40'	24000	20	2000	1	12"	2,500,000	1.5"
<b>12-Foot-Wide Ovens</b>										
BPO-121008	12'	10'	8'	5750	5	750	0.5	8"	1,260,000	1.5"
BPO-121010	12'	10'	10'	7250	7.5	750	0.5	8"	1,260,000	1.5"
BPO-121012	12'	10'	12'	8000	7.5	750	0.5	8"	1,260,000	1.5"
BPO-121014	12'	10'	14'	9600	10	1000	0.5	8"	1,260,000	1.5"
BPO-121016	12'	10'	16'	12000	10	1000	0.5	8"	1,260,000	1.5"
BPO-121018	12'	10'	18'	12000	10	1500	0.75	10"	2,000,000	1.5"
BPO-121020	12'	10'	20'	14000	10	1500	0.75	10"	2,000,000	1.5"
BPO-121022	12'	10'	22'	16500	15	1500	0.75	10"	2,000,000	1.5"
BPO-121024	12'	10'	24'	16500	15	1500	0.75	10"	2,000,000	1.5"
BPO-121026	12'	10'	26'	18000	15	1500	0.75	10"	2,000,000	1.5"
BPO-121028	12'	10'	28'	20000	20	2000	1	12"	2,500,000	1.5"
BPO-121030	12'	10'	30'	20000	20	2000	1	12"	2,500,000	1.5"
BPO-121032	12'	10'	32'	21500	20	2000	1	12"	2,500,000	1.5"
BPO-121034	12'	10'	34'	24000	20	2000	1	12"	2,500,000	1.5"
BPO-121036	12'	10'	36'	24000	20	2500	1.5	14"	3,000,000	1.5"
BPO-121038	12'	10'	38'	28000	20	2500	1.5	14"	3,000,000	1.5"
BPO-121040	12'	10'	40'	28000	20	2500	1.5	14"	3,000,000	1.5"
BPO-121210	12'	12'	10'	8000	7.5	750	0.5	8"	1,260,000	1.5"
BPO-121212	12'	12'	12'	9600	10	1000	0.5	8"	1,260,000	1.5"
BPO-121214	12'	12'	14'	12000	10	1000	0.5	8"	1,260,000	1.5"
BPO-121216	12'	12'	16'	14000	10	1500	0.75	10"	2,000,000	1.5"
BPO-121218	12'	12'	18'	14000	10	1500	0.75	10"	2,000,000	1.5"
BPO-121220	12'	12'	20'	16500	15	1500	0.75	10"	2,000,000	1.5"
BPO-121222	12'	12'	22'	18000	15	1500	0.75	10"	2,000,000	1.5"
BPO-121224	12'	12'	24'	20000	20	2000	1	12"	2,500,000	1.5"
BPO-121226	12'	12'	26'	21500	20	2000	1	12"	2,500,000	1.5"
BPO-121228	12'	12'	28'	24000	20	2000	1	12"	2,500,000	1.5"
BPO-121230	12'	12'	30'	24000	20	2000	1	12"	2,500,000	1.5"
BPO-121232	12'	12'	32'	28000	20	2500	1.5	14"	3,000,000	1.5"
BPO-121234	12'	12'	34'	28000	20	2500	1.5	14"	3,000,000	1.5"
BPO-121236	12'	12'	36'	28000	20	2500	1.5	14"	3,000,000	1.5"
BPO-121238	12'	12'	38'	33000	30	3000	1.5	14"	3,800,000	2"
BPO-121240	12'	12'	40'	33000	30	3000	1.5	14"	3,800,000	2"

# BATCH BURN-OFF OVENS

Heat cleaning is a safe, efficient method for removing baked-on paint from racks, hooks and fixtures. A leader in heat transfer technology, IDS uses this heat cleaning technology in our Batch Burn-Off Ovens to safely remove paint. Air temperatures of 750 degrees Fahrenheit ignite the baked-on paint, turning it to ash.

A Batch Burn-Off Oven can be used in conjunction with the Batch Burn-Off Washer for ash cleanup and containment, refer to page 72. This technology limits labor costs, minimizes environmental impact and maximizes profit potential.



## BENEFITS

- Eliminates hazardous chemicals in the workplace
- Very low labor cost
- Limited secondary clean-up
- Oven controls are fully automatic
- Compact design saves valuable floor space
- Central heat distribution for optimum balance of heat

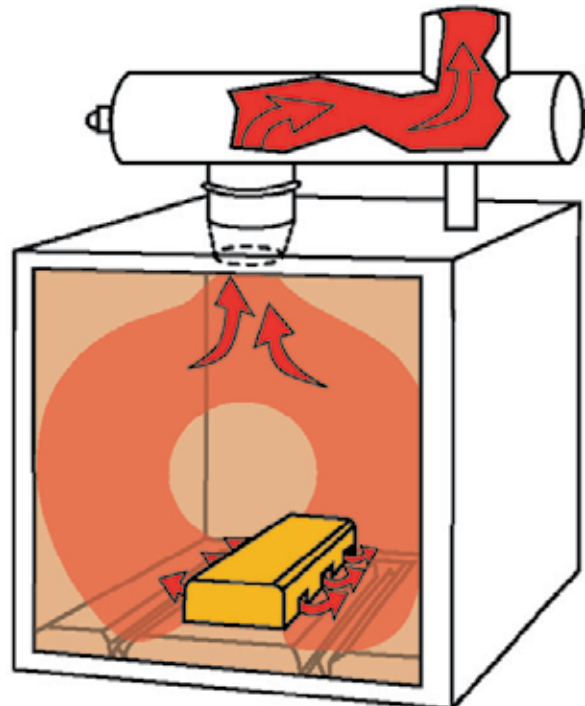
## OPTIONS

- Custom controls and sizes
- Stainless steel oven interior
- Customized cart
- Temperature indicating package chart recorder (dual pen)
- FM or IRI controls

## SAFE AND CLEAN

The afterburner eliminates hazardous contaminants in the paint, thermally destroying pollutants at temperatures ranging from 1400 to 1900 degrees Fahrenheit. What's left is a small amount of ash that can be easily shaken or brushed off. In most areas, this ash is not considered hazardous waste.

IDS ovens are approved by air quality authorities throughout the U.S., Canada and overseas.

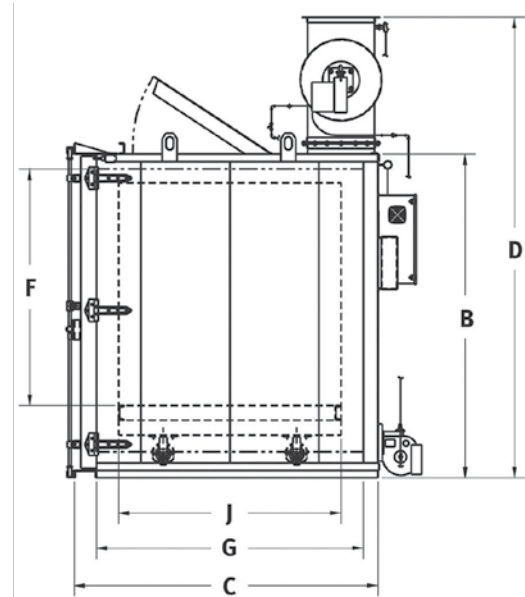
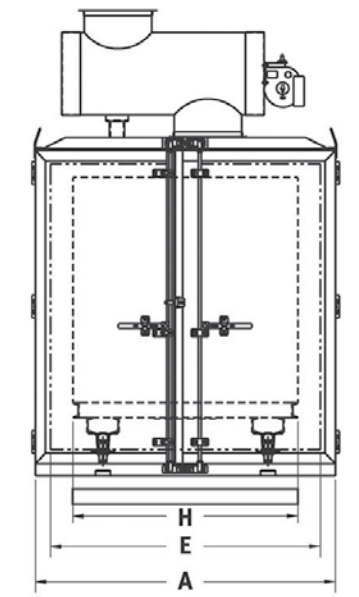


# BATCH BURN-OFF OVENS

## BATCH BURN-OFF OVEN MODELS

Model No.	External Dimensions			Afterburner Outlet Ht D	Max. Product Dimensions			Cart Size		Total Internal Volume	Approx. Weight
	Width A	Height B	Depth C		Width E	Over Cart F	Depth G	Width	Depth		
BBO-3303	4' 8"	5' 6"	4' 8"	8' 4"	3'	3'	3'	3'	3'	68	2,800
BBO-4404	5' 8"	6' 6"	5' 8"	9' 4"	4'	4'	4'	4'	4'	132	3,500
BBO-4406	5' 8"	6' 6"	7' 8"	9' 4"	4'	4'	6'	4'	6'	184	3,800
BBO-5505	6' 8"	7' 6"	6' 8"	10' 4"	5'	5'	5'	5'	5'	226	4,000
BBO-6606	7' 8"	8' 6"	7' 8"	11' 4"	6'	6'	6'	6'	6'	356	6,000
BBO-6608	7' 8"	8' 6"	9' 8"	12'	6'	6'	8'	6'	8'	458	6,600
BBO-6610	7' 8"	8' 6"	11' 8"	12'	6'	6'	10'	6'	10'	560	7,300
BBO-6612	7' 8"	8' 6"	13' 8"	12'	6'	6'	12'	6'	12'	662	8,000
BBO-6706	7' 8"	9' 6"	7' 8"	12' 4" +	6'	7'	6'	6'	6'	405	6,600
BBO-6708	7' 8"	9' 6"	9' 8"	13'	6'	7'	8'	6'	8'	521	7,200
BBO-6710	7' 8"	9' 6"	11' 8"	13'	6'	7'	10'	6'	10'	637	8,000
BBO-6808	7' 8"	10' 6"	9' 8"	11' +	6'	8'	8'	6'	8'	584	7,400
BBO-6810	7' 8"	10' 6"	11' 8"	11' +	6'	8'	10'	6'	10'	714	8,400
BBO-7606	8' 8"	8' 6"	7' 8"	11' 4"	7'	6'	6'	7'	6'	407	5,000
BBO-7608	8' 8"	8' 6"	9' 8"	12'	7'	6'	8'	7'	8'	524	7,200
BBO-7610	8' 8"	8' 6"	11' 8"	12'	7'	6'	10'	7'	10'	640	8,000
BBO-8808	9' 8"	10' 6"	9' 8"	11' +	8'	8'	8'	8'	8'	751	9,000
BBO-8810	9' 8"	10' 6"	11' 8"	14'	8'	8'	10'	8'	10'	918	9,000
BBO-8812	9' 8"	10' 6"	13' 8"	14'	8'	8'	12'	8'	12'	1,085	12,000
BBO-8814	9' 8"	10' 6"	15' 8"	14'	8'	8'	14'	8'	14'	1,249	15,000

+ Rear Mount Afterburner



# CONTINUOUS PROCESS OVENS

Designed as part of a finishing system, Continuous Process Ovens from IDS Blast provide a safe, efficient finishing environment for a variety of heat applications — including paint drying, powder curing, e-coat curing, drying and heat treating. These modular, factory-built, convection ovens are custom designed and engineered to move products through the heat zone using a variety of transport systems.



## FEATURES

- Burner
- Burner Box
- Control Panel (NEMA 12)
- Combustion Safeguards (NFPA 86)
- Exhaust Fan(s)
- Gas Train (NFPA 86)
- Ignition System
- Interior Aluminized Duct (16-gauge)
- Insulated Aluminized Panels (20-gauge)
- Prime & Finish Paint
- Recirculating Blower(s)
- Structural Modular Steel Framing
- Temperature Control Instruments



## OPTIONS

- Six-pound mineral wool batt
- Sheet metal or insulated floor
- Exhaust duct components
- Door limit switches
- Heat seals









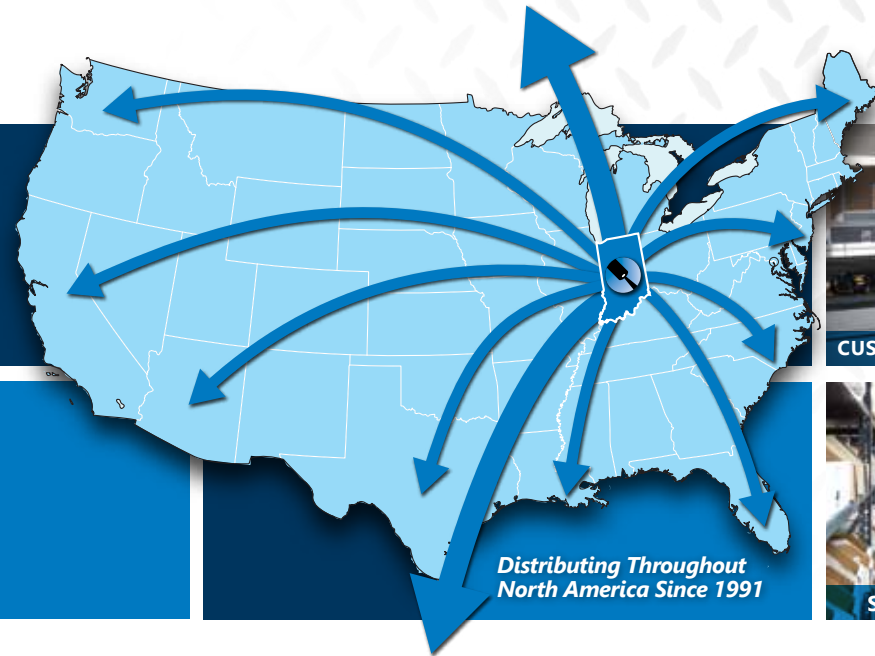
# IDSBLAST.COM

24 HOUR ACCESS TO THE PRODUCTS & INFORMATION YOU NEED

- Order Parts & Equipment
- Part Number Search
- View Part Breakdowns
- Access Manuals
- Technical Information Documents
- View Product Literature
- Compare Abrasives

## OUR SUPPORT FACILITY

YOUR CONNECTION TO PRODUCT EXPERTS AND  
A MASSIVE INVENTORY OF SUPPLIES & EQUIP-  
MENT



CUSTOMER SERVICE CALL CENTER



EFFICIENT SHIPPING DEPARTMENT



SMALL PARTS INVENTORY



FULLY STOCKED WAREHOUSE

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

PHONE 317.545.0665

TOLL FREE 800.800.0665

FAX 317.545.0670