



MOISTURE MANAGEMENT SYSTEMS



Blastmaster® Air Dryers



Moisture Management Systems remove water vapor from the compressed air stream. Water entering an abrasive blasting system causes wet abrasive, the leading cause of work site downtime. Wet abrasive reduces production rates by causing poor abrasive flow through the abrasive blasting system, resulting in excessive wear on equipment, increasing maintenance costs, and increasing abrasive consumption. Blastmaster® Air Dryers removes up to 99% of the water present in compressed air by cooling the compressed air and then passing it through moisture absorbing desiccant tablets. Typical applications include blast rooms, blast yards, bridges, offshore platforms, oil refineries, pipelines, shipyards, and storage tanks. Commonly used with abrasive blasting pots, airless sprayers, conventional sprayers, and pneumatic tools.

1600 cfm, 950 cfm, 750 cfm

BLASTMASTER® AIR DRYERS	
Desiccant Tank	ASME, 150 psi Galvanized inside and out
Transfer Hose Assembly	Field-servicable
Motor	Pneumatic (4HP) or Electric (5HP)
Aftercooler Core	Corrosion-resistant aluminum
Inlet Filter	3" Port
Multiple NPT Outlet Ports	One 3", two 1"

Specifications are subject to change without notice.



Each air dryer tank is filled with desiccant tablets, a chemical drying agent for deliquescent dryers. These dissolvable tablets are the most effective way to remove moisture from compressed air.

The coalescing tank is galvanized using a full-immersion, hot-dip process, completely covering the interior and exterior surfaces, providing extended protection against corrosion and rust.



The Blastmaster® Air Dryers includes a fork-pocket skid for increased mobility.

Blastmaster® Aftercoolers with Coalescing Tank

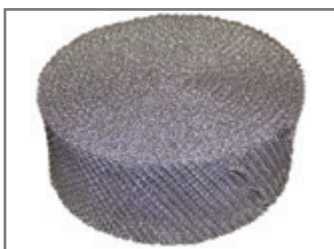


A moisture management system removes moisture, oil, and other debris from the abrasive blasting air stream. Moisture and debris in an abrasive blasting system will cause abrasive to clump, clogging the metering valve, hoses, and nozzle. Dry, clean compressed air prevents clumping, increases production and reduces maintenance costs. A Blastmaster® Aftercoolers with Coalescing Tank remove up to 95% of moisture, oil, and other debris commonly found in compressed air. Dry air eliminates wet abrasive, typically clogging metering valves and leading to excessive wear, resulting in costly downtime and additional maintenance. Typical applications include bridges, offshore platforms, oil refineries, pipelines, and shipyards. Commonly used with abrasive blasting pots, airless sprayers, conventional sprayers, and pneumatic tools.

1600 cfm, 950 cfm, 750 cfm, 400 cfm

BLASTMASTER® AFTERCOOLERS WITH COALESCING TANK	
Coalescing Tank	ASME, 150 psi
Transfer Hose Assembly	Field-servicable
Motor	Pneumatic (4HP) or Electric (5HP)
Aftercooler Core	Corrosion-resistant aluminum
Inlet Filter	3" Port
Multiple NPT Outlet Ports	Two 3", Two 2", One 1-1/4", Four 1"

Specifications are subject to change without notice.



The stainless steel demister pad inside the coalescing tank provides a large surface area to collect moisture, removing it from the compressed air.

The motor and fan assembly allows for a large volume of air to pass over the core, reducing the incoming compressed air temperature.



The Blastmaster® Aftercoolers with Coalescing Tank includes nine outlet ports in four sizes, each equipped with an individual cable attachment ring for securing air hoses with safety cables.

The Blastmaster® 950 CFM Offshore Aftercooler with Coalescing Tank includes 45° overhead lifting lugs designed for use with 1" shackles, elevated 10" x 4" fork pockets, and a Drip Pan to catch tank discharge.



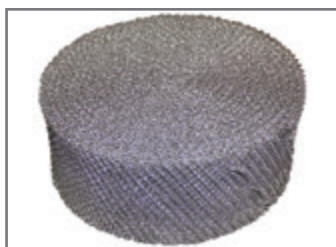
Blastmaster® Cart Mounted Aftercoolers with Moisture S



Moisture Management Systems remove water vapor from the compressed air stream. Water entering an abrasive blasting system causes wet abrasive, the leading cause of work site downtime. Wet abrasive reduces production rates by causing poor abrasive flow through the abrasive blasting system, resulting in excessive wear on equipment, increasing maintenance costs, and increasing abrasive consumption. A Blastmaster® Cart Mounted Aftercooler with Moisture Separator removes up to 95% of the water present in compressed air by cooling the compressed air. Commonly used with abrasive blasting pots, airless sprayers, conventional sprayers, and pneumatic tools.

BLASTMASTER® CART MOUNTED AFTERCOOLER WITH MOISTURE SEPARATOR	
Moisture Separator	ASME, 150 psi
Transfer Hose Assembly	Field-servicable
Motor	Pneumatic (4HP) or Electric (5HP)
Aftercooler Core	Corrosion-resistant aluminum.
Inlet Port	1-1/2" NPT (400 CFM unit) 1-1/4" NPT (250 CFM unit)
Multiple NPT Outlet Ports	One 2", four 1"

Specifications are subject to change without notice.



The stainless steel demister pad inside the moisture separator provides a large surface area to collect moisture, removing it from the compressed air.

The Blastmaster® Cart Mounted Aftercoolers with Moisture Separator pneumatic model features an easily accessible pressure regulator, particulate and moisture filter, and lubricator, adjustable to regulate air and oil supplied to the fan, optimizing performance.



The Blastmaster® Cart Mounted Aftercoolers with Moisture Separator includes five outlet ports in two sizes, each equipped with an individual safety cable attachment ring for securing air hoses with safety cables.

Blastmaster® Cart Mounted Aftercoolers



A moisture management system removes moisture, oil, and other debris from the abrasive blasting air stream. Moisture and debris in an abrasive blasting system will cause abrasive to clump, clogging the metering valve, hoses, and nozzle. Dry, clean compressed air prevents clumping, increases production and reduces maintenance costs. A Blastmaster® Cart Mounted Aftercooler removes up to 95% of moisture, oil, and other debris commonly found in compressed air. Dry air eliminates wet abrasive, typically clogging metering valves and leading to excessive wear, resulting in costly downtime and additional maintenance. Typical applications include blast yards, bridges, oil refineries, pipelines, shipyards, and storage tanks. Commonly used with abrasive blasting pots, airless sprayers, conventional sprayers, and pneumatic tools.

BLASTMASTER® CART MOUNTED AFTERCOOLERS	
Transfer Hose Assembly	Field-servicable
Motor	Pneumatic (4HP) or Electric (5HP)
Aftercooler Core	Corrosion-resistant aluminum
Inlet Port	1-1/2" NPT (<i>400 CFM unit</i>) 1-1/4" NPT (<i>250 CFM unit</i>)
Outlet Port	2" NPT

Specifications are subject to change without notice.



The Blastmaster® Moisture Separator traps condensed moisture and debris before it can enter the aftercooler, greatly increasing effectiveness and efficiency.

The Blastmaster® Cart Mounted Aftercooler pneumatic model includes an easily accessible pressure regulator, particulate and moisture filter, and lubricator, all adjustable to regulate the volume of air and oil supplied to the fan, optimizing performance.



All Blastmaster cart mounted aftercoolers include an electrical control box as part of the standard electrical offering.

Blastmaster® 12-Volt DC Aftercooler



A moisture management system removes moisture, oil, and other debris from the abrasive blasting air stream. Moisture and debris in an abrasive blasting system will cause abrasive to clump, clogging the metering valve, hoses, and nozzle. Dry, clean compressed air prevents clumping, increases production and reduces maintenance costs. The Blastmaster® 12-Volt DC Aftercooler removes moisture, oil, and other debris commonly found in compressed air. Dry air eliminates wet abrasive, typically clogging metering valves and leading to excessive wear, resulting in costly downtime and additional maintenance. Typical applications include blast yards, bridges, oil refineries, pipelines, shipyards, and storage tanks. Commonly used with abrasive blasting pots, airless sprayers, conventional sprayers and pneumatic tools.

BLASTMASTER® 12-VOLT DC AFTERCOOLER	
Power Source	12-Volt DC
CFM Rating	400 or 250
Power Cord	25 feet with Battery Clamps
Fan	Electric power with aluminum core
Inlet Port	2" NPT (400 CFM unit) 1-1/2" NPT (250 CFM unit)
Outlet Port	2" NPT (400 CFM unit) 1-1/2" NPT (250 CFM unit)

Specifications are subject to change without notice.



The Blastmaster® 12-Volt DC Aftercoolers include a sturdy handle for ease of transport and a bracket for storing the 25 feet of 12-gauge electrical cord.

Blastmaster® 12-Volt DC Aftercoolers feature an aluminum core with an electric fan, providing increased air flow to accelerate cooling.



The Blastmaster® 12-Volt DC Aftercooler includes 25 feet of power cord with battery clamps.

Blastmaster® Large-Capacity Moisture Separators



A moisture management system removes moisture, oil, and other debris from the abrasive blasting air stream. Moisture and debris in an abrasive blasting system will cause abrasive to clump, clogging the metering valve, hoses, and nozzle. Dry, clean compressed air prevents clumping, increases production and reduces maintenance costs. The Blastmaster® 800 and 1600 cfm Moisture Separator removes moisture, oil, and other debris commonly found in compressed air. Dry air eliminates wet abrasive, typically clogging metering valves and leading to excessive wear, resulting in costly downtime and additional maintenance. Typical applications include blast yards, bridges, oil refineries, pipelines, shipyards, and storage tanks. Commonly used with abrasive blasting pots, airless sprayers, conventional sprayers and pneumatic tools.

BLASTMASTER® MOISTURE SEPARATOR

Moisture Separator	ASME, 150 psi
Tires	10" (portable model) None (stationary)
Inlet Port	2" NPT
Outlet Ports (2-outlet)	One 2" NPT, One 1-1/2" NPT
Outlet Ports (6-outlet)	One 2" NPT, one 1-1/2" NPT, four 1" NPT

Specifications are subject to change without notice.



The stainless steel demister pad inside the Blastmaster® Moisture Separator provides a large surface area for moisture to be removed from the compressed air.

The mobile configurations include solid rubber tires that won't lose air and a sturdy handle for easy mobility around the work site.



The mobile configurations of the Blastmaster® Moisture Separator included an ergonomic handle and 10" solid rubber tires for easy mobility around the job site.

Blastmaster® Blast Pot Moisture Separators



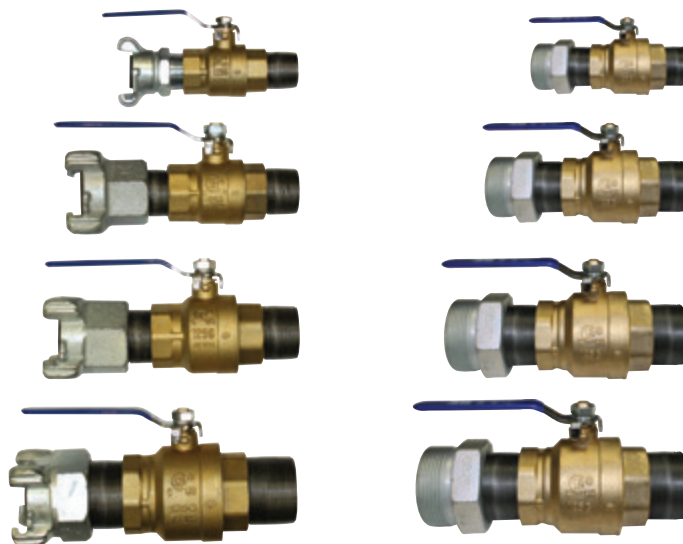
A moisture management system removes moisture, oil, and other debris from the abrasive blasting air stream. Moisture and debris in an abrasive blasting system will cause abrasive to clump, clogging the metering valve, hoses, and nozzle. The Extractor Moisture Separator removes excess moisture, oil, and other debris from compressed air before it enters the blast pot. Dry air eliminates wet abrasive, typically clogging metering valves and leading to excessive wear, resulting in costly downtime and additional maintenance. Typical applications include blast yards, bridges, oil refineries, pipelines, shipyards, and storage tanks. Commonly used with abrasive blasting pots, airless sprayers, conventional sprayers and pneumatic tools.

BLASTMASTER® BLAST POT MOISTURE SEPARATORS	
Fittings	Shut off valve 2- or 4-lug air hose fitting
Sizes	1" inlet x 1-1/4" outlet 1-1/4" inlet x 1-1/4" outlet (small body) 1-1/4" inlet x 1-1/4" outlet (large body) 1-1/2" inlet x 1-1/4" outlet
Drain	Brass drain valve
Finish	Black powder-coat

Specifications are subject to change without notice.

Optional Accessories

Airflow Shutoff Kits



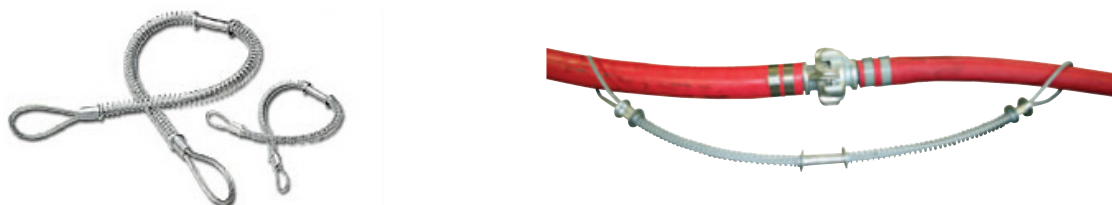
Pipe Plugs



Coupled Air Hose



Whipcheck Safety Cables



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