

MEGABLASTER

BULK PERFORMANCE BLAST SYSTEM

DESCRIPTION

MegaBlaster units are designed to maximize safety and productivity while minimizing downtime and maintenance costs.

Safety enhancing features include the CEN™ (controlled expansion nozzle) blowdown, which safely controls the expansion and velocity of exhaust air. This system minimizes the opportunity for dust abrasion of exhaust system components, dramatically reduces noise levels during blowdown to safe levels and allows the operator to fully open the exhaust valve and safely depressurize a 160 cu. ft. unit in about 8 minutes.

Other safety features include a 3" flanged cleanout for easy emptying without heavy tools, the Halok® closure safety system that prevents operators from improperly opening and closing the 10" closure, an Ergo-Ladder® system for safe and comfortable access to the 10" closure and Manway Stay Brackets to assist in easy/correct installation of the manway cover.

KEY FEATURES

- Normally closed, fail-safe valves and controls
- High flow auto air valves standard for maximum productivity
- Standard 1600 cfm moisture separator for consistent abrasive flow
- Available as stationary or mounted on highway and yard trailers
 - Skid and Fork Pocket Skid options
- Standard 150 psi ASME code pressure vessel
- 12" x 16" manway
- Optional bag rack with pipe stubs for abrasive loading
- 3" bottom flanged port for easy vessel clean-out



STANDARD FEATURES

THE HALOK® is easier to use than ever with new cam-lock handle extensions (patent pending).

MANWAY STAY BRACKETS (patent pending) allow operators to more easily secure and fasten the manway into place.

ANTI-SLIP TWISTED RUNGS on the Schmidt Ergo-Ladder (patent pending) give a firm foothold in the worst conditio

SCHMIDT GRIT SUPPRESSION VALVE (patent pending) replaces Y-strainers to help reduce abrasive backflow

NEW AIR INLET BALL VALVE with lock-out adds an additional level of security.

RECONFIGURED PIPING helps protect the control valve system

BULK RACK PIPE STUBS are now standard, so blasting abra-sive is always secure.

FOUR NEW SHIPPING TIE DOWN LUGS allow easier securing for shipment

REDESIGNED LIFT LUGS allow four-point lifting



THE HALOK®



MANWAY STAY BRACKETS



ANTI-SLIP TWISTED RUNGS



75 cu ft Mini-Mega

Specified Capacity

- 75 cu ft / 2100 liters

Abrasive Capacity

- Garnet – 11000 lbs / 5 tonne
- Slag – 7500 lbs / 3.75 tonne

Height

- 97 in / 2470 mm

Length

- 102 in / 2770 mm

Width

- 79 in / 2010 mm

Part Number	Description
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BMS 752TV	Schmidt 75 cu ft MegaBlaster with Dual Thompson II Valve Outlets, Skid Mounted
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120 cu ft MegaBlaster

Specified Capacity

- 120 cu ft / 3400 liters

Abrasive Capacity

- Garnet – 18000 lbs / 8.2 tonne
- Slag – 12000 lbs / 6 tonne

Height

- 109 in / 2770 mm

Length

- 109 in / 2770 mm

Width

- 79 in / 2010 mm

Part Number	Description
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BMS 1202TV	Schmidt 120 cu ft MegaBlaster with Dual Thompson II Valve Outlets, Skid Mounted
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160 cu ft MegaBlaster

Specified Capacity

- 160 cu ft / 4500 liters

Abrasive Capacity

- Garnet – 23800 lbs / 10.8 tonne
- Slag – 16000 lbs / 8 tonne

Height

- 115 in / 2920 mm

Length

- 109 in / 2770 mm

Width

- 91 in / 2310 mm

Part Number	Description
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BMS 1602TV	Schmidt 160 cu ft MegaBlaster with Dual Thompson II Valve Outlets, Skid Mounted
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BMS 1604TV	Schmidt 160 cu ft Mega-Blaster with 4 Thompson II Valve Outlets, Skid Mounted
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160 cu ft Supra-Mega

Specified Capacity

- 160 cu ft / 4500 liters

Abrasive Capacity

- Garnet – 23800 lbs / 10.8 tonne
- Slag – 16000 lbs / 8 tonne

Height

- 123 in / 3130 mm

Length

- 139 in / 3530 mm

Width

- 95 in / 2420 mm

Part Number	Description
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BMS 1602TVH1600	Schmidt 160 cu ft SupraMega with Dual Thompson II Valve Outlets, Skid Mounted, with 1600 cfm AirPrep
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800 cu ft Maxi-Mega

Specified Capacity

- 800 cu ft / 22800 liters

Abrasive Capacity

- Garnet – 73000 lbs / 33.1 tonne
- Slag – 80000 lbs / 40 tonne

Height

- 326 in / 8280 mm

Length

- 105 in / 2670 mm

Width

- 96 in / 2440 mm

Part Number	Description
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BMS 8002TV	Schmidt 800 cu ft MegaBlaster with Dual Thompson II Valve Outlets, Skid Mounted
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120 cu ft Bulk Amphiblast

Specified Capacity

- 120 cu ft / 3400 liters

Abrasive Capacity

- Garnet – 18000 lbs / 8.2 tonne
- Slag – 12000 lbs / 6 tonne

Note: The Bulk Amphiblast is the first in its kind to offer wet or dry blasting in a bulk capacity! 4 Blasters each with individual control over how they want to blast.

Part Number	Description
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BMS 1204TVAMPHI	Schmidt 120cuf Amphiblast Bulk Blaster with 4 TV outlets skid mount
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