



### SUMMARY SPECIFICATIONS

**Overall Dimensions** 143" x 60" x 184" (3.63m x 1.52m x 4.67m)

**Weight** 3500 lbs (1588 kg) with wheels and carriage

**Total Media Capacity** 2552 lbs (1157 kg) for 58 lb/ft<sup>3</sup> media. 44 ft<sup>3</sup> (1246 l).

**Wheels and Carriage Full rated capacity wheels.** 12" (30 cm) OD. Carriage with pintle eye hitch. Maximum speed rating of 2 mph (3 kph) empty

**Total Media Capacity** 2552 lbs (1157 kg) for 58 lb/ft<sup>3</sup> media. 44 ft<sup>3</sup> (1246 l).

**Usable Blast Media** Primarily designed for plastic and starch blast media. Also functions superbly with glass, aluminum oxide or other common abrasives, except metals.

**Media Flow Rate:** Typical flow with plastic or starch media is 550 lbs/hr (362.9 kg/hr) with 1/2" (13 mm) nozzle; 1.5 sp gr media. (450 lb/hr for 1.2 sp gr media). Each blast generator capable of media flow rates from 0

**Nozzle Hours/Charge** 5 hours (lean); 3 hours 45 minutes (average), 2 hours 30 minutes (rich)

**Media Recovery Rate** 6400 lbs/hr (2900 kg/hr) for media w/ 1.5 sp gr  
**Air Requirement** 220 CFM @ 100 psi (6.2 m<sup>3</sup>/min @ 7 kg/cm<sup>2</sup>) for each 1/2" nozzle and operator breathing air. Total System: 440 CFM @ 100 psi (12.5 m<sup>3</sup>/min @ 7 kg/cm<sup>2</sup>)

**Cartridge Filters** 4 filters with 1252 ft<sup>2</sup> (116 m<sup>2</sup>) filter area

**Motor** TEFC 10 HP, 3450 rpm, 3 ph, 60 Hz motor with high static blower (50 Hz optional) - **Motor Starter** Included



## RAM 21C-2 High Capacity Two Operator Dry Stripping and Reclaiming System

### BLAST GENERATOR SPECIFICATIONS

**Diameter** 24" (61 cm)

**Bottom Cone** 60 degree included angle

**Piping** 1-1/4" (32 mm)

**Volume** 6 ft<sup>3</sup> (170 l)

**Remote Controls** RCP150P w/Feathertouch, auto refill on shutdown

**Remote Control Hose** Poly Air Cable twin line yellow/gray attached to media hose

**Nozzles:** Tungsten Carbide BMLV-8, 1/2" (12.7 mm) Super Venturi nozzle with thermoplastic jacket. FanBlast nozzle optional.

**Blast Hoses:** 50 ft (15 m) long 1-1/4" ID (31.8 mm) x 1-7/8 OD (47.6 mm) plus 16 ft (4.9 m) of 3/4" ID (19 mm) x 1 1/2" OD (38 mm) whip hose for maximum operator ease

**Moisture Separator** Included 1-1/4" (31.8 mm) NPT continuous drain

**Air Pressure Regulator** Included

**Abrasive Diverter** Included 240-030-05

**Media Aeration** Fluidized bed in lower portion of pressure vessels

**Media/Air Mixing Valve:** M-70

**Magnetic Separator** Included

### RECLAIMER SPECIFICATIONS

Cyclone separator, air wash, vibrating screen, storage hopper

**Recovery Air Volume** 900 CFM recovery system air flow (25 CMM), very high static blower

**Air Wash** Adjustable independently for both volume and velocity

**Hopper Volume** 32 ft<sup>3</sup> (906 l)

**Low Profile Sweep-In Media Recovery Hopper** Pneumatically powered loading and recovery hopper with vibrating screen 24" wide x 24" deep x 24" high (61 cm x 61 cm x 61 cm).

**Media Recovery Hose** 25 ft x 5" (7.6 m x 13 cm)

### DUST COLLECTOR SPECIFICATIONS

**Air Volume** 900 CFM air flow (25 CMM)

**Dimensions** 38" wide x 38" deep x 150" high (96.5 cm x 96.5 cm x 381 cm)

**Electric Motor** 7-1/2 HP, 220/380-volt, 3 phase, 50 hz, TEFC

**Blower** High static 30-inch (75 cm) water gauge

**Cartridge Filters** 4 filters with 1252 ft<sup>2</sup> (116 m<sup>2</sup>) filter area

**Electric Controls** Blower electric motor controlled with a manual starter in NEMA 1 enclosure

RAM21C single operator system available

**DO NOT USE WITH SAND ABRASIVE**

### RECOMMENDED OPERATOR PROTECTION PACKAGE:

#### PN 478-020-00

Protective helmet system with cape, inner and outer lens, 25 foot (8 m) air hose assembly, NIOSH approved

Extension air hose 25 feet (7.6 m) long for above helmet (total of 35 feet (10.7 m) NIOSH approved

Outer lens, package of 100

Tee, Valve and Hose Assembly includes pipe fitting, 1/2" valve, 10 ft (3 m) length of 1/2" I.D. air hose, coupled (purpose to connect air supply to breathing air filter) (Use approved breathing air)

Breathing air filter, two outlet (Use approved breathing air)

Leather gloves

Air Conditioner

CO Monitor/Alarm

Leather jacket

Leather overalls

### OPTIONAL EQUIPMENT

Muffler

Rubber lined HD cyclone recommended for aggressive media such as aluminum oxide

AccuFlow™ computerized media metering valve to control media independent of blast system pressure

