

## 2003 Atritor Skid-Mounted Powder Drying System

**Mfg: Atritor**

**Model: 1B**

**Stock No. HDNM336.39a**

**Serial No.**

2003 Atritor Skid-Mounted Powder Drying System. Model: 1B. The 1B has been designed with GMP (Good Manufacturing Practice) in mind. It has been manufactured with 316 Stainless Steel contact parts, utilizes Triclamps and is easy to strip down and clean. Unit features Wam Dust collector system, power air lock, Seba Heating unit, Halifax Blower, and stainless steel pipes. The 1B is the smallest Dryer-Pulveriser in Atritor line, which makes it a perfect unit for R&D. The maximum output is limited by evaporation of water( approx 30 kg/hr of water can be dried) and the motor power. The 1B product size from the mill will usually be in the range of 0-100 microns. Operating manual available. Overall dimensions: 13 ft. 8 in. L x 82 in. W x 11 ft. 6 in. H.

SEBA Control Box, Type: AHB, S/N: 13263, 480 V, 36 Kw, 3 phase. Components: main switch, digital temperature control, switch of air heater on/off.

Control box. Components: mill motor speed, start/stop switches: exhaust fan, process fan, mill motor, cyclone discharge, feeder motor, filter pulse, reset alarm, reset safety, interlock override, lamp test.

Barbender Technology Stainless steel feeder D-47055, Type: FW33, No: 022473, Container capacity: 10 gallons. Screw dimensions: 2 in diameter x 5 in L, Inlet: 12 in x 12 in. outlet: 2 in.

ABB motor, 2850 & 3420 rpm, 380-420/220-240 & 440-480/250-280 V, 50 & 60 Hz, 2.6/4.5 & 2.5/4.4 amps. Max speed: 4500rpm, operating speed: 1000-4500rpm.

Opperman Mastergear motor has 1380 & 1690 rpm with these capacities:

Hz	Volts	Kw	Amps
50	230/400	0.37	X
60	275/480	0.37	X
50	X	X	2.1/1.18
60	X	X	2.0/1.15

Wam Dust Collector System with a Centrifugal pump WAM motor, 1 hp, 3440 rpm, 220/380 V, 60 Hz, 0.75 Kw, 3.2/1.8 amps. and Power air lock, System capacity: 75 gallons, the air lock has an Halifax Fan, S/N: 54681, size: 16 ORB. ABB motor, 3 phase with these capacities:

Rpm	Volts	Hz	Amps	Kw
2870	380-420/220-240	50	3.50/6.10	1.50
3460	440-480/250-280	60	3.50/6.10	1.75









