

**AMERICAN CEMENT ADVISOR INC
(dba Texan Cement)**

**Texas Commission on Environmental Quality
Registration for Permits by Rule (PBR)
Form PI-7**

Texan Cement, the “Company” imports cement from different worldwide manufactures, all of which have or will be approved by Texas Department of Transportation.

The company imports cement in 1.5 metric ton big bags “super sacs” and are stored within an enclosed 60,000 sq ft warehouse. The big bags are placed inside a bag breaker (Bazooka 1200 – attached) in which the bags are cut and the cement filled into a cement tanker via an enclosed conveyor system (Bazooka 1200).



DIVERSIFIED STORAGE SYSTEMS
(888) SILO-SYS (888) 745-6797

BAZOOKA TUBE 1200



BAZOOKA TUBE 1200 Portable transfer of super sacks to truck or rail car.

Description: 30L x 8.5W x 14H (in transport mode) weight 9880.

Some innovative features include: (as pictured)

- 12" Auger with a 20hp electric motor - 33cfm
- WAM 400 pulse jet dust collector with fan
- Sealed Loadout spout with electric up/down control
- Hydraulic operated height control
- Electric vibrator on hopper
- Air compressor
- 480v starter panel

1135 E. Wooley Rd. Ph # 805-247-0418
Oxnard CA, 93030 Fax # 805-247-0246

www.CementSilos.com

Specifications:

Auger: Carbon Steel Construction - 13 3/8" diameter steel tube.

Flighting is 12" diameter 2/3rds to full pitch right hand drive with 3 1/2" center pipe, 2 7/16" shafts with triple lipped sealed bearing with DSS lube block seal on Inlet side.

Motor: 20hp 480v3ph/60hz, TEFC, c-face, footed motor, 256TC

Gear Reduction: Dodge Quantis 10.3-1 gear reduction final shaft RPM 170
Drive shaft with wrap flex coupling, final chain drive size 80 chain

Dust Collector: WAM FNS39 PE. (see attached Sheet)

Cone Vibrator: Oli 690 MVE 480v/3ph/60hz, adjustable force,

Loadout Spout: EV24-4, 12" inlet with AR steel inner cones, 4' vertical travel, 1hp 480v motor, up/down limit switches, 4" flanged outlet for dust collection. Poly vinyl outer boot with aluminum rings.

Air Compressor: 480v, 3hp compressor with a 30 gallon tank, pressure gauge and controls.

Starter Panel: Allen Bradley 3R enclosure, 100amp circuit breaker with Disconnect, 480v to 120v transformer for controls, Allen Bradley IEC starters, terminal strip, equipment control switches.

Specifications:

Hopper: Carbon Steel Construction - 170c.f. with vacuum ports, 8"x12"
Access door to hopper, 40" wide knife blade, work platform.

Hydraulic Movement: 3" x 48" hydraulic cylinder with a 1hp hydraulic
Power unit, 480v

Trailer frame: Carbon steel frame with torflex axel, 16" wheels, electric
brakes. Running lights, Pintel hitch with safety chains and breakaway
Switch.

BAZOOKA TUBE 1200



Collector Specifications

Total Filtration Area	400 Sq. Ft.
Air to Cloth Ratio (ACFM/Sq.')	6 - 1
Pressure Drop (in. H 2O)	Min. 4 Max. 10
Air Capacity	2400C.F.M.
Outlet Area (Sq.')	.70
Cleaning Method	Timed Pulse Jet
Air Consumption (high pressure)	9 CFM @ 80 psi min
Solenoids	4/120 Volt, 15 amp
Fan	7.5hp 3500cfm
Duty Cycle	Continuous
Normal Operating Pressure	8 - 15 PSI

Filter Bag Specifications (PE)

Filter Cartridge Count	28 hung style
Replacement Filter Model #	BHPJF400
Dimensions	5.25" OD X 30" Height
Filter Area (Per cart)	14.28 Sq. '
Material Weight	8 oz. / Sq. Yd.
Weave	10 Micron
Fiber	100% Polyester
Construction	Spun/Spun
Permeability	25 c.f.m.
Particulate Grain Loading(grain/scf)	Inlet 30 Outlet .01
Mullen Burst Dry	388 PSI
Temperature Limit	175 Deg. F.
Efficiency (PM-10)	98.40% - (99.98%)

Collector Performance (PM-Reg.)**

0.0 - 0.5 Micron	99.98% Passing
0.5- 1.0 Micron	0.02 % Passing
1.0 - 20.0 Micron	0.0% Passing

** Typical Portland Cement is 44 Micron

Mounting Options

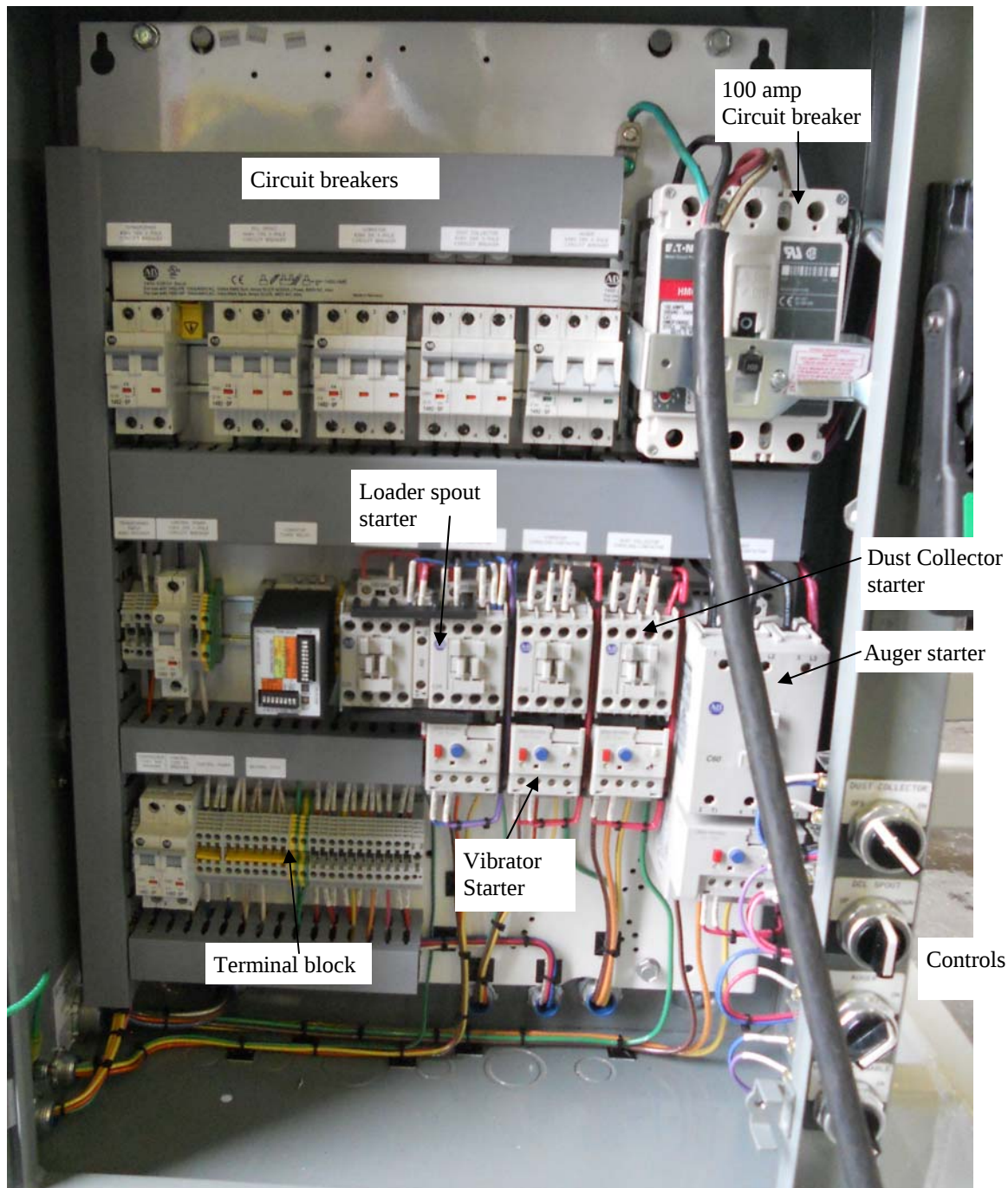
Bin Vent Mount (Silo Top)
 Base Mount (Optional Base Needed)
 Trailer Mount (Portable Applications)

* This style unit dose not use magnehelic gauge. Dust Collector performance is measured by back pressure at load line.

BAZOOKA TUBE 1200

Electrical:

Transformer: located on back of panel



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Transportation Configuration



Loading Configuration to Truck or Mix Tank.

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WAM 400 PJ Dust Collector



Collector Specifications

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Outlet Area (Sq.')	.70
Cleaning Method	Timed Pulse Jet
Air Consumption (high pressure)	9 CFM @ 75psi max
Solenoids	3/120 Volt, 15 amp
Fan	7.5hp 3500cfm
Duty Cycle	Continuous
Normal Operating Pressure	8 - 15 PSI
Particulate Grain loading	Inlet 30 Outlet .01

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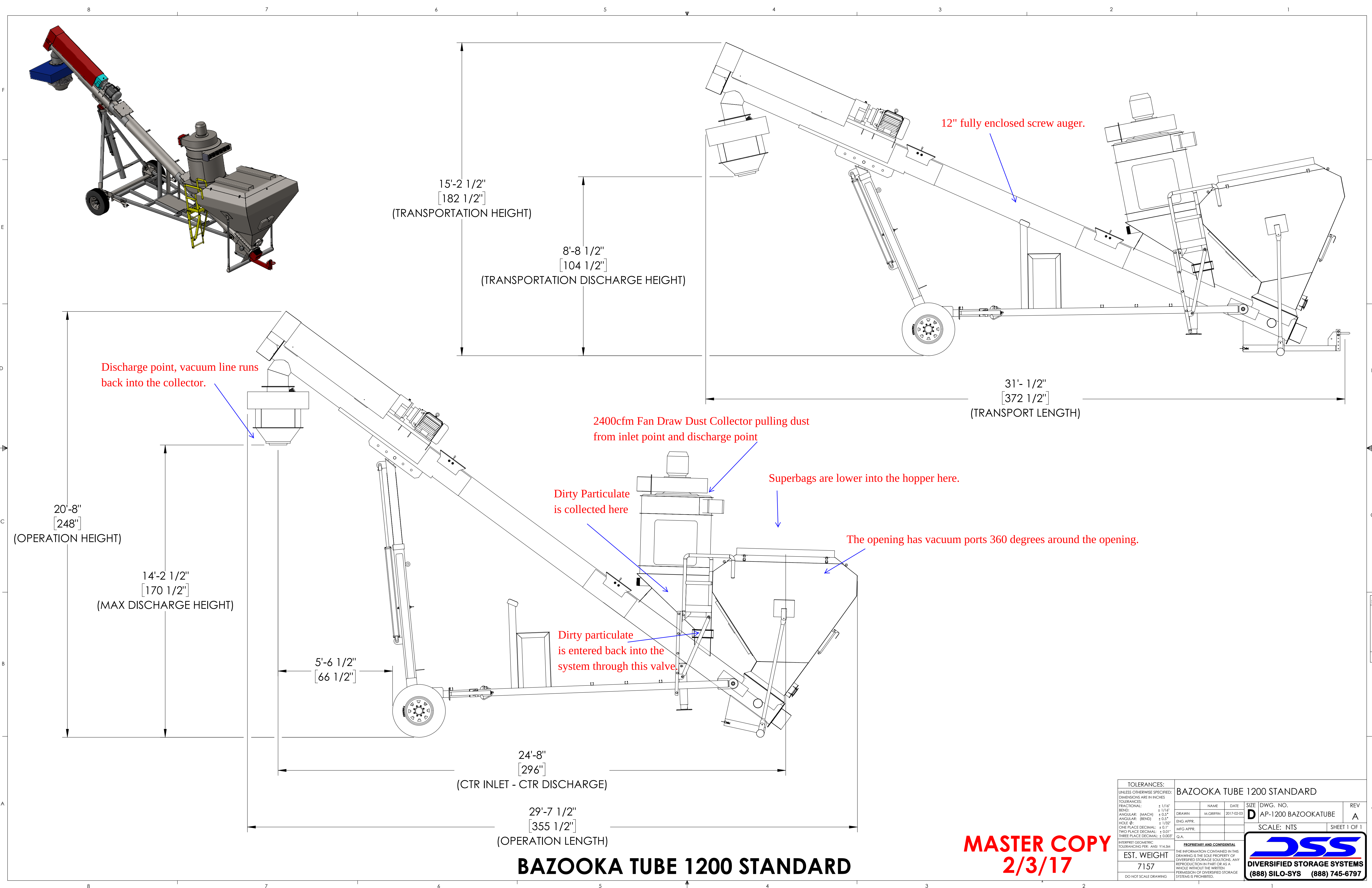
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BAZOOKA TUBE 1200 STANDARD

MASTER COPY
2/3/17

TOLERANCES: UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL: ± 1/16" BEND: ± 1/16" ANGULAR: (MACH) ± 0.5° ANGULAR: (BEND) ± 0.5° HOLE Ø: ± 1/32" ONE PLACE DECIMAL: ± 0.1" TWO PLACE DECIMAL: ± 0.01" THREE PLACE DECIMAL: ± 0.003" Q.A. INTERPRET: GEOMETRIC TOLERANCING PER: ANSI Y14.5M		BAZOOKA TUBE 1200 STANDARD			
EST. WEIGHT 7157		DO NOT SCALE DRAWING	NAME M. GRIFFIN	DATE 2017-02-03	SIZE D
			DWG. NO. AP-1200 BAZOOKATUBE	REV A	SCALE: NTS
			SHEET 1 OF 1		
			 DIVERSIFIED STORAGE SYSTEMS (888) SILO-SYS (888) 745-6797		