



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: 30 x 8.5 x 14.5, weight 9880.

Some innovative features include: (as pictured)

- 12" Auger with a 20hp electric motor - 30cfm
- Open top hopper with knife blade and dust control
- WAM 400 pulse jet dust collector with fan
- Electronically controlled loading spout with dust collection
- Hydraulic operated height control
- Electric vibrator on hopper
- Air compressor

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Operating manual for Bazooka Tube 1200

1. Set-up
2. Operating instructions
3. Loading
4. Maintenance
5. Electrical
6. Parts

1. Set-up

Step One

Move Bazooka Tube into desired location.
Have a qualified electrician hook up to the electrical panel, confirm voltage and phase.
Confirm screw rotation (rotation marked on on conveyor).

Step Two (below)

Remove trailer hitch pin and remove tongue (set it next to the unit)
For storage, reinstall pin in hole at the end of the red tongue.



Transportation mode



Operating mode:
Remove the Red Hitch

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Step Three:

Remove the pin from hydraulic lift.
Raise the Auger to operating height.
Control located on control panel,
Bottom switch (Lift Auger).

****takes approximately 4 minutes for full extension.**

Put pin back once lift is fully extended to operating height.



Step Four:

Lower the two jack stands located by the wheels to stabilize unit.



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Step Five:
Remove the cover from the hopper.

Make sure the valve under the hopper is **closed** during operation

The unit is ready for operation mode.

Make sure the Air Compressor is turned to ON. It will start and run automatically after that.



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Operating instructions:

Step One:

Lower loading spout over fill port.
Control switch located on panel.
(top switch Loading Spout).



Step two:

Turn on dust collector fan
Turn on auger

When needed turn on the
Vibrator. The vibrator is inter-
locked with the auger and will only
Run when the auger is on. Plus it's
on a timer and will cycle on/off



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Loading

Step One:

Raise super sack using fork lift or similar machine.



Step Two:

Position super sack over hopper.



Step three :

Lower super sack down into hopper onto knife plates, wait approximately 15 seconds, slowly raise super sack..

****Never reach between the bag and the knife plates or enter hopper.**

Do not operate Bazooka tube Without protective covers.



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Step Five:

The end of loading dust collector clean-out.

1. Leave auger running
2. Open jam gate
3. Turn off dust collector fan.
4. Turn main vibrator on.
5. Run approx. 3-4 minutes
6. Turn dust collector fan ON.
7. Close gate valve.
8. Process complete, shut machine down.

Always clean out auger at the end of the day.

The dust collector air jets will continue to run for a few minutes after shutdown to clean out bags.



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Maintenance:

Grease fitting located on red panel
Below dust collector should be
greased as noted on panel or
Every 3 hours of service

Electric motors have a grease fitting
needs to be greased every 400 hours.

Oil in gear box needs to be changed
every 2k hours of use. (use Mobil
Synthetic SHC634)

Check all hoses for leaks daily.

Monthly check the dust collector fil-
ters.

Never transport the unit with product
in the hopper.

It unit is not being used cover hopper
opening to keep out all moisture.

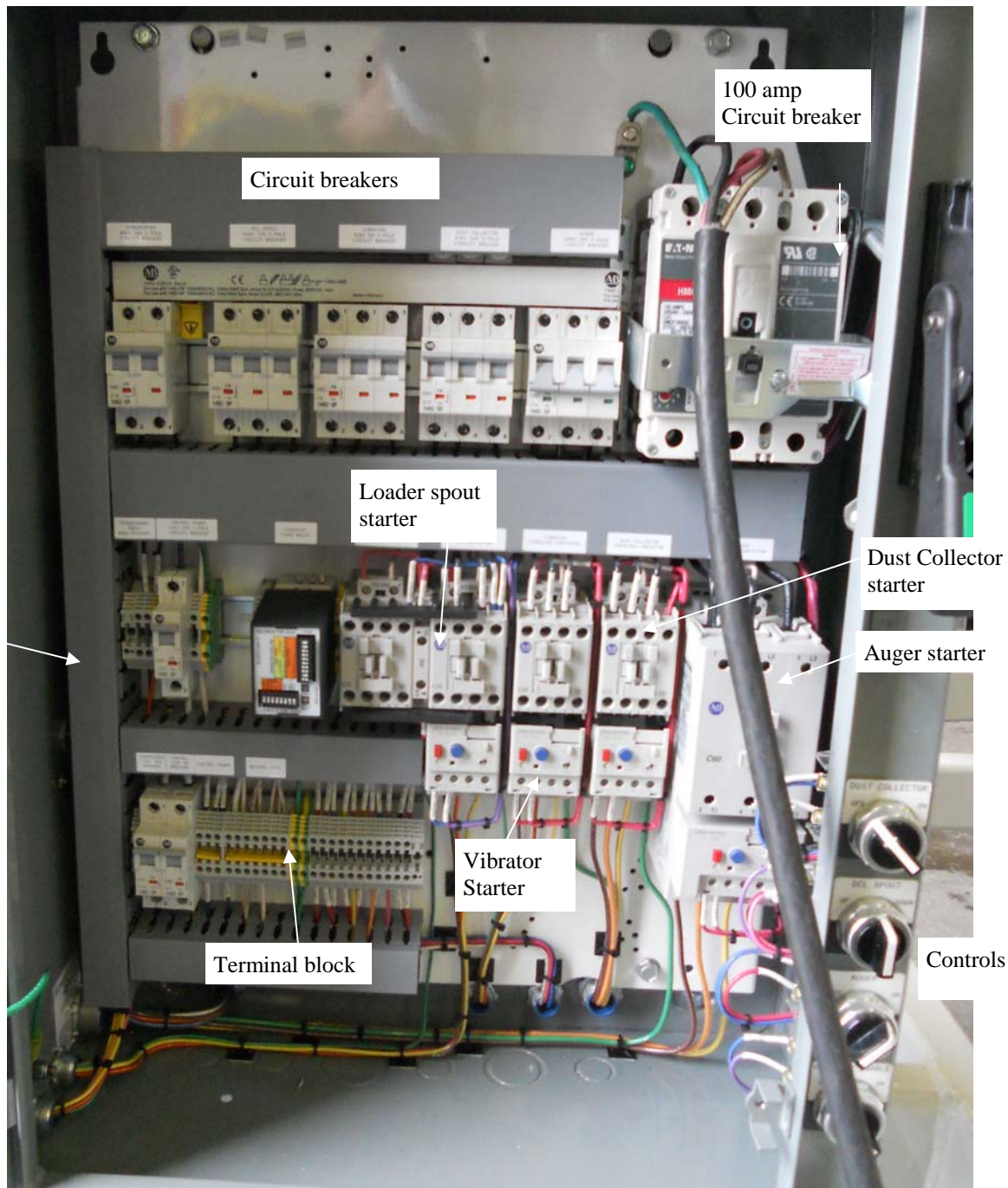
Warning never remove cover or open
panel without disconnecting power.



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Electrical:

Transformer: located on back of panel



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Parts:

Parts can be ordered through DSS. (888)745-6797

Bag house parts.

Bags WAM 30" polyester standard cartridge part# FLC-C002

Electric Motors:

20 hp 240/480 3phase Lesson Electric T face part# LM20-18-256T

10-1 Dodge Quantis gear reduction part# R87AM256

Gear reduction oil Mobil Synthetic SHC634

Bearings:

2" 4-bolt triple lipped sealed bearings part# UCF211-32RS

Falk 30R 2" Wrap flex coupling part# FLK320R10-2

230R Wrap flex element w/ cover bolts part# FLK30R flex

Vibrator:

OLI 690 3ph 480v Part#VI-690-MVE

8" Butterfly valve Part# VA8B

Chains/Sprockets

Size 80 Chain Part#DC 80

80 BS 18 2 Part# DPS80bs182

80 BS 24 2 Part# DPS80bs242

12"x 30' Auger complete Part# DPA1230B

Loadout Spout Part#SPAP240-4

Maintenance Updates

Maintenance:

Initial maintenance:

AFTER 2 HOURS OF OPERATION

Remove the upper safety cover, covering the chain drive.

Retighten all the set screws on the bearings and sprockets



Drive Coupling: Located between the gearbox and the drive shaft under the Red Cover that has the Bazooka Tube 1200 Sticker.

Inspect the coupling for wear after every 50 hours of service.