

Air Mac



C&W Blower System

Increased productivity and reduced costs are just a few advantages of using the Air Mac blower package. They eliminate the need for blowers on individual tanker trucks, reducing wear on your trucks, decreasing fuel usage, and lowering maintenance costs. Plus, they speed up your operations with a quick truck turnaround.



Standard Equipment for Blower System

Specifications

BLOWER

Positive displacement rotary lobe design with synthetic lubricant

MOTOR

TEFC, 220/440/3/60, Class F insulation, E Pak efficiency 1.15 S.F.

DIRECT DRIVE

Non-lubricated EPDM rubber element, 1.5 S.F. with enclosed guard

RELIEF VALVE

Sized for full capacity, spring style design

DISCHARGE CHECK VALVE

Eliminates back-flow of material in the blower

AIR PRESSURE GAUGE

Features a stainless steel case with liquid-filled dial face

INLET FILTER

Heavy-duty, oversized with replaceable dry element

LUBRICANT LEVEL GAUGE

Allows quick view of blower lubricant level

STEEL BASE

Rugged construction provides superior mounting platform with lifting lugs.

Specs for the Blower System "AMDD"

| Model: AMDD | 20 | 30 | 40 | 50 | 60 | 75 |
|---------------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Package Performance | | | | | | |
| Rated Pressure | 12 PSI | 12 PSI | 15 PSI | 15 PSI | 15 PSI | 15 PSI |
| Air Flow CFM | 310 | 470 | 460 | 460 | 690 | 920 |
| Capacity Est. Ton per Hr. | 14-20 | 14-22 | 18-25 | 18-25 | 24-50 | 45-57 |
| Drive Motor | | | | | | |
| Nameplate | 20HP | 30HP | 40HP | 50HP | 60HP | 75HP |
| Motor RPM | 3500 RPM | 3525 RPM | 3500 RPM | 3500 RPM | 3500 RPM | 3500 RPM |
| Voltage | 220-440/3/60 | 220-440/3/60 | 220-440/3/60 | 220-440/3/60 | 220-440/3/60 | 220-440/3/60 |
| Enclosure | TEFC | TEFC | TEFC | TEFC | TEFC | TEFC |
| Service Factor | 1.15% SF | 1.15% SF | 1.15% SF | 1.15% | 1.15% SF | 1.15% SF |
| Blower | | | | | | |
| Blower Size | 404 | 406 | 406 | 406 | 409 | 412 |

Optional Items:



Silencer Package: Includes inlet and discharge silencers, with straight-through design and acoustic absorption for maximum noise reduction. The addition of the silencer package reduces the typical attenuation curve by approximately 20-30 decibels.

Includes silicone rubber flex couplers between blower and silencers to reduce the typical vibration and thermal expansion, eliminating stress to the blower.

* Total enclosure silencer packages available upon request.

Air Mac

Central Collectors

Silo Collectors

Mobile Collectors

Slump Master II

AirMac Automatic Transfer System

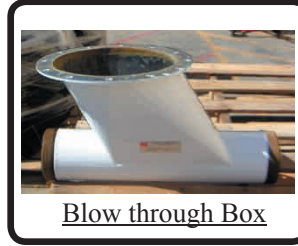
(Upgrade from C&W's Blower System)



Standard Equipment
for Transfer System



Rotary Vane Feeder



Blow through Box



Emergency Slide Gate

AMDD BLOWER PACKAGE

Includes all the standard equipment of the AirMac blower package, including motor/blower, direct drive, inlet filter, check and relief valves, pressure gauge, and the steel base.

ROTARY VANE FEEDER

Rotary vane feeder features a hardened, chrome-plated, gray cast iron inner body, gray cast iron end plates, and a cast iron rotor with tips. (Size based on desired material transfer rate) Air Purge System included for longer bearing life.

ADJUSTABLE SLIDE GATE

Slide gate features a wheel handle with ball bearings for adjustment. Constructed of steel c-channel.

BLOW-THROUGH BOX

Allows efficient transfer of material from the rotary vane feeder into the transfer line. Includes all necessary mounting hardware.

Specifications

Specs for the Transfer System "AMT"

| Model: | Horse Pwr | Transfer per hr | Vane Feeder |
|-----------|-----------|-----------------|-------------|
| AMT-20-8 | 20 | 5-10 | 8" |
| AMT-20-10 | 20 | 10-12 | 10" |
| AMT-30-10 | 30 | 12-18 | 10" |
| AMT-40-12 | 40 | 19-24 | 12" |
| AMT-50-12 | 50 | 19-25 | 12" |
| AMT 60-12 | 60 | 25-30 | 12" |
| AMT-60-14 | 60 | 31-39 | 14" |
| AMT 75-14 | 75 | 40-49 | 14" |
| AMT-75-16 | 75 | 50-55 | 16" |



ELECTRICAL CONTROL PANEL

Available for 220V or 440V, our control panel is housed in a NEMA 3R weatherproof cabinet. It features a main fused quick disconnect, transformer, sequential timers, and manual push button controls. In addition, it has a motor starter, fuses, and overload heaters.

BIN ADAPTER

The AirMac system includes a bin adapter to mount on an existing or new storage silo. Every adapter is custom-designed to customer specifications.

BIN INDICATORS

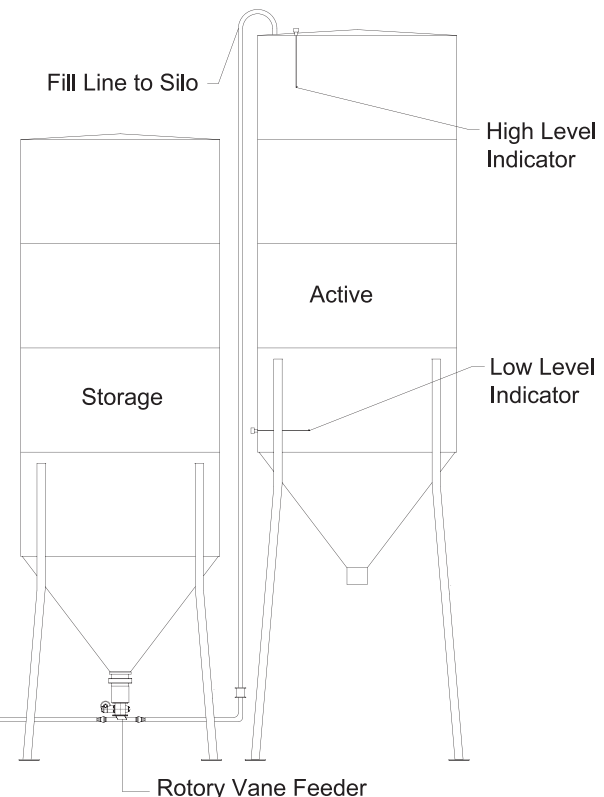
Two solid-state probe-type bin indicators for high and low level material measurement. Features NEMA 4 enclosure, potted electronics, time delay settings, and 3' long steel rod.

TRANSFER LINE

14' of heavy-duty pneumatic transfer hose with fittings provided between blower and blow-through box.

OPERATION

System is designed to automatically transfer material from day silo to an active silo via signals received from the high and low level bin indicators.



C&W Manufacturing and Sales Co.
P.O. Box 908 ♦ Crowley, TX 76036
1-800-880-DUST ♦ www.cwmfg.com