

**Equipment List:**

Item	Qty	Description
1	1	Portable Skid Base
2	1	Semi-Dense Phase Conveyor
3	1	Vacuum Hose Adapter, 15'
4	1	Aerated Pickup Pan (Not Shown)
5	2	Discharge Hose Adapter
6	1	Diesel Drive Unit (to Supply Power)
7	1	Fuel Tank
8	1	Blower
9	1	Dust Collector
10	1	Control System with Cycle Counter
11	1	Discharge Transition
12	2	Vent Hose Adapter, 15'
13	2	Compressed Air Receiver
14	1	Tool Box
15	1	Hose Racks

**Options Available**

- Discharge Lines of 3", 4" & 5" (4" Standard)
- Capacities of up to 44,000 lb/hr (20 mph), depending on material.
- Yard Trailer or Over-the-Road trailer portability. (The standard package will be provided with forklift points and crane lift points. The width will be such that the entire skid will fit on a semi-trailer).
- 304 S.S. on material contact surfaces (mild steel standard).
- Electric motor available in lieu of diesel blower drive.

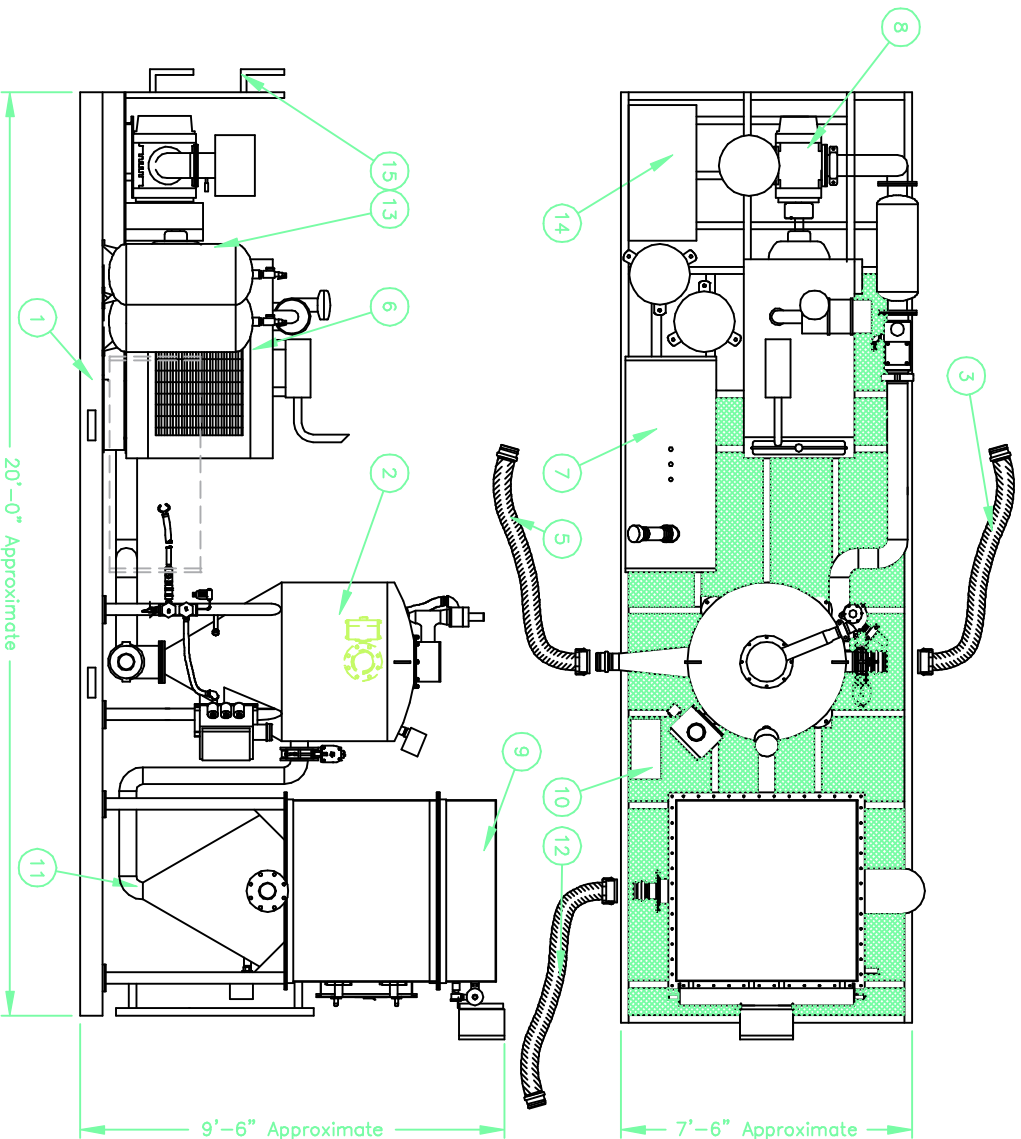
**Application Notes:**

- The transloader is designed as a portable, stand-alone system, to transfer a bulk material from a storage tank or transport container, to another transport container, such as a pneumatic tank trailer or a land/sea container.
- The transloader alternates between vacuum and pressure to effect the transfer of bulk products.
- The transloader will vacuum the product from the source, via the vacuum hose adapter (item 3), which is connected to the aerated pickup pan, which is, in turn, attached to the material source. The vacuum is created by a venturi, eliminating the chance that the product can be drawn through the blower, causing damage.
- When high-level is sensed in the conveyor (item 2), the transloader will automatically switch from the load mode to the discharge mode.
- The transloader will blow the product into the destination via the discharge hose adapter (item 5). Dusty air will return to the dust collector (item 9) via the vent hose adapter (item 12) for filtration.
- The transloader will discharge until it is empty, then return to the vacuum load mode to automatically continue cycling until the material source is empty, a pre-set cycle count is reached or the system is turned off.

**Contact Information**

For more information about the transloader or other Cyclonaire systems, please contact:

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