aslan TECHNOLOGIES

Portable Transfer Cart

Specifications

Standard Models

Standard Transfer cart models provide a convenient and simple method for transferring liquids between two totes, manual batch/slug feeding chemical, cleanout of containment basins or sumps and a variety of other uses. The readily movable cart can is easily transported in the trunk of most vehicles and comes standard with hose end plugs and hose holdbacks to prevent uncoiling hoses. The cart is built to be compatible with almost all chemicals using an all Polypropylene and Teflon Pump, polyethylene or all chemical hose and standard 2" Stainless Steel Camlocks.

Choose a Portable Transfer Cart to optimize the use of floor space and safely conduct all of your chemical and liquid transfer needs.

Features

- **All PP / Teflon wetted materials AOD pump**
- **Convenient 2/4 Wheel Cart**
- **Hose-end plugs**
- **Shutoff Discharge Valve**
- **Stainless Steel 2" Camlocks**
- **Rugged design**
- **All Chemical PE Hose**
- **Hose containment storage**
- **Custom configurations available**
- **Fits in most trunks**

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Warranty

Aslan Technologies Inc. guarantees the material and components for a period of one year from the date of shipment from our plant in Burlington, Ontario, Canada. The guarantee shall not extend to defects caused by improper installation or use not in accordance with the instructions outlined in this operating manual. The guarantee will cover parts and replacement labour at no charge if the product is returned to the Burlington location and will cover parts only if repaired on-site. On-site service rates are available upon request.

Assembly Instructions: No Assembly Required

Supplied Items:

Cart is assembled complete with pump, hoses and applicable valves & fittings installed, tested and ready to go.

Using the Portable Transfer Cart

Never supply more than 125 psi of air to the pump air motor.

Use the appropriate safety equipment and procedures for the applicable product that is being transferred.

Connect the discharge hose to receiving base tank. Connect inlet hose to tank to be transferred. Open all inlet and discharge isolation valves. Turn on air to pump to start the transfer. The transfer rate can be regulated by throttling the air valve. Once the transfer is complete, **close the feed tanks isolation valve**. While the pump is still running, slowly release the camlocks on the feed tank connection. This will allow residual product in the feed line to be transferred. When the majority of the product is out of the feed line continue to fully release the Camlock and raise the pumps inlet hose above the level of the pump inlet to clear out residual product. Close the hose isolation valve and install the hose end plug. Turn off the transfer pump and isolate the discharge hose and re-install the hose end plug.

Porta-Feed Portable Transfer Cart Example **PTC100PW** - Standard cart with 1” Air Operated Diaphragm (AOD) transfer pump, 2” 316 SS Female Camlock Connections on 1” Polywire Suction/Discharge Hose

PTC X X

AC Heavy rubber hose with polyethylene all chemical hose

PW Polywire

	Configuration	Inlet Camlock	Discharge Camlock	Expected Maximum Flow	Theoretical Maximum Flow
25	Cart c/w 1” Hose, 0.25” AOD Pump (Custom)	2” Fem. 316 SS	2” Fem. 316 SS	3-4 GPM	4.5 GPM
50	Cart c/w 1” Hose, 0.50” AOD Pump (Standard)	2” Fem. 316 SS	2” Fem. 316 SS	6-9 GPM	13 GPM
100	Cart c/w 1” Hose, 1.00” AOD Pump (Standard)	2” Fem. 316 SS	2” Fem. 316 SS	18-24 GPM	35 GPM
150	Cart c/w 2” Hose, 1.50” AOD Pump (Custom)	2” Fem. 316 SS	2” Fem. 316 SS	55-75 GPM	100 GPM
200	Cart c/w 2” Hose, 2.00” AOD Pump (Custom)	2” Fem. 316 SS	2” Fem. 316 SS	70-90 GPM	120 GPM
C	(Custom) Please specify Requirements	2” Fem. 316 SS	2” Fem. 316 SS		

Expected Flows are estimated with: Air: 40-70PSI - Back Pressure: 10-20PSI

Theoretical flows are estimated with: Air: 100 PSI - Back Pressure: 5 PSI

SAP Numbers:

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