

# DATA SHEET – 3166 ATEX

## FLUID TRANSFER AND FILTRATION TROLLEY

### Overview

Pressure Dynamics' hazardous zone rated fluid transfer and filtration trolleys are safe, robust, compact, reliable and simple to use.

Standard fluid compatibility with:

- Water glycol
- Control fluids
- Mineral oils

This trolley is hazardous zone rated and offers high performance and resistance to corrosion.

### Build Specification

<b>Pump</b>	ATEX II 2G c T5 Pneumatic diaphragm pump 316SS trim, epoxy coated, c/w earth clamp
<b>Pressure</b>	8.6 Bar (125PSI)
<b>Air Supply</b>	Compressed air <150PSI
<b>Gross Weight</b>	70kg
<b>Flow Rate</b>	@ 1.5Bar head, 158LPM
<b>*viscosity dependent</b>	@4.0Bar head, 100LPM @5.5Bar head, 50LPM
<b>Trolley Connections</b>	15/16" JIC or 1" Camlock standard
<b>Tank Connections</b>	15/16" JIC or 2" Camlock standard
<b>Air Interface</b>	Minsup Type A



### Equipment Details

#### Construction Material

- 316 Stainless steel- frame, fasteners, dust caps/tethers Compatible elastomeric seals

#### Tubing

- 316SS tubing/fittings

#### Hoses

- Custom length 316SS trim, suction and delivery hoses, tested, tagged with serial numbers, 316SS caps and tethers

#### Filter

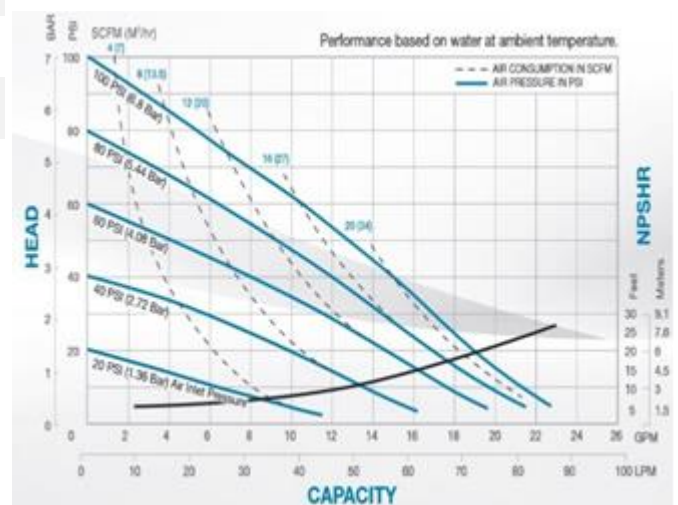
- 20" 316SS Housing, 3-Micron

#### Flow Control

- Control and isolation via robust regulator/filter with vented 316SS isolation valve, 316SS liquid filled gauge

#### Wheels

- Low maintenance urethane on nylon wheels, self-lubricating bearings



# ABOUT PRESSURE DYNAMICS

Pressure Dynamics is an engineering and services contractor specialising in hydraulic and lifting solutions.

Our team of highly skilled project managers, engineers and technicians are committed to collaborating with our clients in providing innovative, quality-assured services and products that deliver superior function, reliability and safety.

When we deliver, we focus on:



## RELIABILITY

Optimising equipment and system performance - to maximise your ROI.



## PRODUCTIVITY

Maximising operational reliability of assets and equipment safely and cost-effectively.



## INNOVATIVE SOLUTIONS

Developing creative, fit-for-purpose solutions to meet our client's true needs and objectives.



## RISK MANAGEMENT

Delivering and maintaining quality, cost-effective and safe equipment and assets while mitigating risk.



## MUTUAL SUSTAINABILITY

Delivering skill, knowledge and understanding through our documentation, user-intuitive products and training services.

## Market sectors we operate in:



Oil & Gas



Mining



Marine



Defence



Infrastructure



Power & Utilities

## Our location network



Abu Dhabi, UAE  
Ghana, W Africa

