



Engineered Solutions for Fluid Conveyance, Hydraulics and Pneumatics

Guided by expertise.



ITEM NO.

PART NUMBER

DESCRIPTION

QTY.

PDC-175

BNT083658

BNT083657

UNSPECIFIED



Built to perform.

Our unwavering goal is to exceed your expectations and deliver your solution on time, every time. To that end, we've assembled a seasoned team of engineers, technical sales associates and project managers that allow us to provide extensive capabilities to a wide range of markets.

What we offer:

- Custom hoses while-you-wait
- Expedited component delivery
- SolidWorks® design assistance
- 24-hour emergency service
- 3D printing for quick turn prototypes
- Sheet metal fabrication
- Stock fabricated sub-assemblies
- Painting and coating
- Kitting and vendor managed inventory
- Crimper placement program
- TS 16949 quality certification

Markets we serve:

- Manufacturers
- Municipal departments
- Construction
- Truck Fleets
- Marine
- Agriculture
- Automotive

NOTES:

1. DEBURK AND BREAK SHARP
2. BRAZE FIXTURE REQUIRED TO
3. 100% PRESSURE TEST REQUI
4. FINISHED PART TO BE FREE



REV.	DESCRIPTION
A	INITIAL

Powerful partnerships.

Even in today's technology-driven world, insight and collaboration can be two of the most important factors to your success. PDI partners with premier manufacturers of hydraulic and pneumatic products. We also partner with our customers by providing in-depth engineering consulting every step in the development process, enabling us to deliver a solution to fit your needs. We invite you to learn more about our capabilities and process, then talk to us about your next application requirements.

Custom Hose and Tube

With a unique combination of industry experience and product knowledge, we've become the fluid conveyance supplier of choice for several multi-national manufacturers – and we're ready to do the same for you. From concept stage to rapid prototyping to production, our engineers work closely with you to provide a turnkey solution. Whether your needs are MRO or high-volume OEM, you can count on PDI's custom hose, tube and combination assemblies for consistent quality, functionality and reliability.

Hydraulics

We're proud to have earned the reputation as the go-to authority for all types of hydraulic power applications. Whether you need a complex system or a straightforward pump and motor combination, our engineers can analyze your requirements, design the configuration, recommend components and advise on operation and maintenance. With PDI, you can count on a customized system that provides state-of-the-art efficiency and long-term operation.

Hydraulic capabilities:

- HPU 3D Models
- Pumps – piston, vane and gear
- Motors – high-torque, low-speed, hydraulic
- Hose and fittings
- A wide range of valves including control, directional, servo, proportional and flow control
- Filtration – high and low pressure filters and filtration systems
- Cylinder and hydraulic pump and motor repair and remanufacturing
- Control panels



Pneumatics

When you bring a pneumatic application challenge to PDI, our engineers are eager to get to the bottom of the problem and think beyond a single solution. Our team designs circuit systems, complete control systems, product component specifications, pneumatic panels and custom valve manifolds.

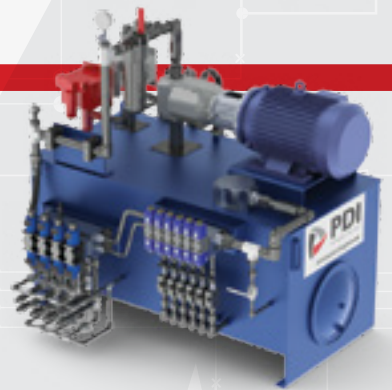
Pneumatics capabilities:

- Cylinders
- Valves
- Tubing and accessories
- Actuators
- Manifolds
- Connectors
- FRLs
- Dryers

Retail and Distribution Centers

It's impossible to predict when you'll quickly need parts or repair for your application. That's why we created the PDI Express Hose Centers – your convenient source for hydraulic and pneumatic components and hose assemblies. With several store locations and skilled technicians on staff, we can provide while-you-wait hose assemblies for one-off and emergency breakdown repairs. Plus, with the Crimper Placement Program, you can reduce downtime of your operation with in-house hose-making capabilities.

Additionally, each PDI Hose Center stocks a wide range of trusted, brand name hydraulic and pneumatic components, fittings, couplings and more – available to you at all our locations.



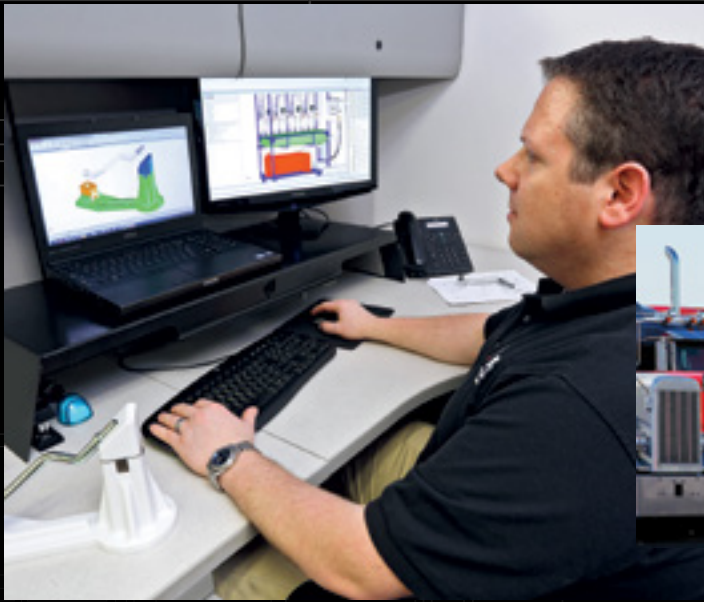
Distribution Center Locations

- Tonawanda, NY
- Buffalo, NY
- Rochester, NY
- Erie, PA
- Washington, PA

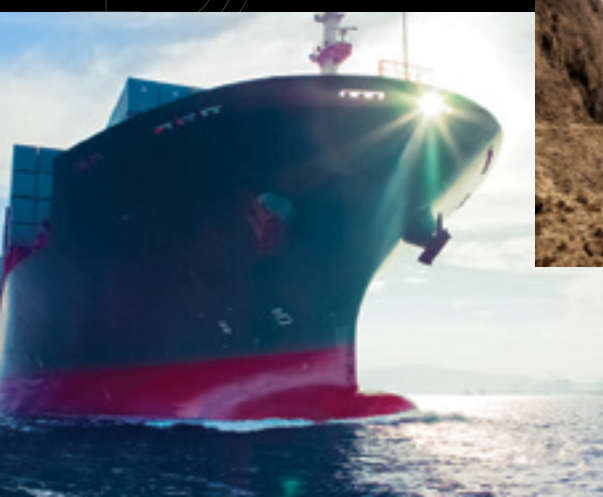


REVISION

DESIGNED BY	DRAWN DATE
R. Braine	6/3/2013



When it comes to complex hydraulic, pneumatic and fluid conveyance applications, you can't afford anything less than top-quality, reliable products. At PDI, we provide comprehensive engineered components, assemblies and systems that meet the requirements of even the toughest OEM or MRO challenges. The experts at PDI pride themselves on assessing your unique situation, making product and design recommendations, then delivering the best, most cost-effective solution for your application. That's what it means to be Innovation Engineered.



MATERIAL SEE DETAILS	
FINISH/TREATMENT NA	
SURFACE FINISH	WEIGHT (g.) 328.524
OTHER APPLICABLE STANDARDS	

**PDI**
POWER DYNAMICS
Innovation Engineered

UNLESS OTHERWISE SPECIFIED

DIMENSIONS ARE IN MILLIMETERS
TOLERANCES:
ANGULAR: MACH ±.5° BEN
ONE PLACE DECIMAL ±0.1
TWO PLACE DECIMAL ±0.05

Corporate Office:

Power Drives, Inc.
801 Exchange St.
Buffalo, NY 14210
t: 800.888.1373

Manufacturing Locations:

Power Drives, Inc.
801 Exchange St.
Buffalo, NY 14210

Power Drives (China) Co., Ltd.
A1 Building, No. 7 Haiyang Road
Haiyu Town, Changshu City
Jiangsu Province, China 215519

Retail, Repair and Distribution Locations:

Power Drives Express Hose Centers

801 Exchange St.
Buffalo, NY 14210
t: 716.512.7786

1075 Sheridan Dr.
Tonawanda, NY 14150
t: 716.725.6577

2425 Brighton Henrietta Town Line
Rd. Rochester, NY 14623
t: 585.424.6688

2550 W 23rd St.
Erie, PA 16506
t: 814.833.8182

910 Jefferson Avenue
Washington, PA 15301
t: 724.884.0214

About Power Drives, Inc.

Founded in 1946, PDI designs, manufactures and distributes pneumatic and hydraulic components, assemblies and systems. Driven by our culture of quality, commitment to innovation and focus on people, PDI strives to be a world-class partner that delivers exceptional value for our customers. With over 200 employees in multiple locations, we are proud to provide premier industrial distribution and manufactured products and engineering expertise to help solve problems and meet your goals.



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