

# MICROFILL™

## MICROBULK DELIVERY SYSTEM

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The MicroFill™ MicroBulk Delivery System is an affordable alternative to serve as a backup MicroBulk delivery system for times when the primary delivery system may be temporarily unavailable. This system is also ideal for hot shot deliveries, new markets and remote operations. The MicroFill system consists of a series of standard Weldcoa Sur-Loc™ pallets that can easily be loaded onto a cylinder delivery truck that accepts this pallet system. One pallet contains the vaporizers and pusher tank needed for the rapid pressurization and pressure maintaining of the primary delivery tank. The primary delivery tank is secured to a second pallet and consists of a Mega-Cyl® 1000 Liquid Cylinder. Multiple pallets of Mega-Cyl 1000 tanks can be loaded to provide additional storage capacity.



### PRODUCT ADVANTAGES

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- Fills LIN/LAR/LOX Perma-Cyl® MicroBulk Storage Systems from vehicle with DOT special permit # SP-14424
- Pressure transfer filling with flows up to 30 gpm
- 200 liter Laser-Cyl® Liquid Cylinder pusher tank can be transported without the need to blow down
- Standard Weldcoa Sur-Loc™ pallets protect equipment and allow ease of loading onto the truck
- Lower mounted tank controls allow easy driver access
- Modular system allows for easy change out of storage tanks
- Storage vessels are stainless steel durable tank construction with five year vacuum warranty



Innovation. Experience. Performance.®

## Specifications

### Performance

Flow Rate	(GPM)	17
Service		LIN

### Laser-Cyl® 200 Liquid Cylinder (Skid)

#### Capacity

Liquid (Gross)	(liters)	200
Liquid (Net)	(liters)	196

#### Dimensions & Pressure Ratings

Diameter (Cylinder)	(in/cm)	20/50.8
OAL Height	(in/cm)	72.43/183.97
OAL Width (skid)	(in/cm)	49.33/125.30
OAL Depth (skid)	(in/cm)	46.38/117.81
Tare Weight (Cylinder & Frame)	(lb/kg)	1096.0/497.14
Relief Valve Setting	(psig/bar)	500/34.5
DOT Rating		4L412
DOT Special Permit	DOT-SP 14424	

### Mega-Cyl® 1000 Liquid Cylinder (Skid)

#### Capacity

Liquid (Gross)	(liters)	1056
Liquid (Net)	(liters)	950

#### Dimensions & Pressure Ratings

Diameter (Cylinder)	(in/cm)	42/106.7
OAL Height	(in/cm)	82.37/209.22
OAL Width (Skid)	(in/cm)	49.33/125.30
OAL Depth (Skid)	(in/cm)	46.38/117.81
Tare Weight (Cylinder & Frame)	(lb/kg)	1951.0/884.96
Relief Valve Setting	(psig/bar)	350/24
Road Relief Setting	(psig/bar)	22/1.52
ASME Rating	ASME Sec. 8/Div. 1	