

T H E E C O N O M I C S O F I N N O V A T I O N



# LOW PRESSURE & INDUSTRIAL CYLINDERS



**Welding Cylinders**  
**Forklift Cylinders**  
**Buffer Cylinders**  
**Propane Hand Burners**

# MAJOR FEATURES OF OUR CYLINDERS

- A full range of cylinders from 5 pounds to 420 pounds, forklift and buffer cylinders.
- Manufactured by Manchester in the most up-to-date, state-of-the-art cylinder facilities in the U.S.A.
- All cylinders conform with strict compliance to DOT specifications 4BA, 4BW and 4E. In addition, most cylinders conform and are approved under Transport Canada specifications 4BAM, 4BWM and 4EM.

- All Manchester cylinders go through multiple testing procedures.
- All Manchester cylinders are steel shot-blasted prior to painting.
- All steel cylinders have Powder Coat Paint for maximum rust protection.
- HANDLE-EZ collar design. The only collar with a built-in, formed handle with no sharp edges.
- All include consumer warning decals that are easy to read for you and your customers' protection.

- Capacity gauges are available in 20#, 30#, 33#, 40#, 43#, 200#, and 420# cylinders.
- Cylinders are shrink-wrapped on pallets or boxed individually for protection and easy storage.



## DIMENSIONS

**H = Height**  
**OL = Overall Length**  
**D = Overall Diameter**  
**B = Base Diameter**

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## WARRANTY

Manchester Tank & Equipment Co., corporate office at:  
1000 Corporate Centre Drive, Franklin, TN 37067

That all tanks, cylinders and equipment manufactured by it to be free from defects in material and workmanship under normal use and service when installed and used in accordance with all applicable state and local laws and regulations.

Defects in material or workmanship shall be corrected, at the option of Manchester, by repair, replacement or refund. In the event a repair is not commercially practicable or cannot be timely made, the item will be replaced, or with the consent of the consumer, a refund may be made.

This warranty does not cover damage resulting from abuse, misuse, negligence or accident; nor from problems resulting from failure to comply with all applicable state and local laws and regulations or problems caused, in whole or in part, by alteration or modification to the product.

This warranty does not cover stress cracks (3000 series) caused by use of compressors which do not meet ASME UG-22 Stress Calculations.

This warranty does not cover transportation to and from service locations, loss of time, inconvenience, commercial loss, loss of use, incidental charges or other consequential damages.

All such repairs will be made at authorized service centers. The names and locations of service centers can be obtained from the dealer from whom the item was purchased.

This warranty shall be for the term of three years on D.O.T. products and one year on A.S.M.E. products from the date of the sale by the dealer to the consumer. Upon demand by Manchester or the service center, the consumer shall produce the original sales contract or receipt to identify the date of purchase.

Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

LP-gas regulators are not manufactured by Manchester. Therefore, they are covered by a separate manufacturer's warranty.

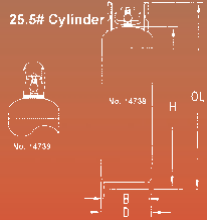
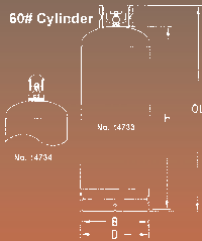
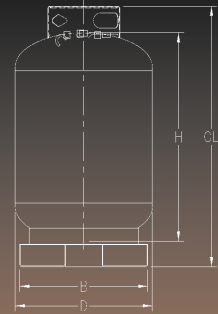
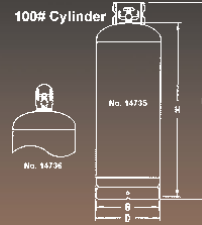
# INDUSTRIAL WELDING CYLINDERS



For low pressure welding gases such as: Propylene, HPG, FG2, Apache, Mapp, Flamex, Chem-o-line and Propane

## Each Cylinder Features:

- DOT4BW260
- Powder coat finish
- Valves with 405 psi relief
- Cap or collar top
- Dipped (60# & 100# only)



**14739 / 25.5# SCREW CAP**

**14733 / 60# COLLAR**

**14735 / 100# COLLAR**

**140097 / 420# PALLET BASE**

Catalog No.	Product Data Description	Propane Capacities		Water Capacity	Length OL	Height H	Diameter D	Diameter B	Tare Weight	Skid Quantity
		Lb	Gal	Lb	In	In	In	In	Lb	
<b>Screw Cap</b>										
14739	25.5# Screw Cap	25.5	5.8	60.7	35.3	29.0	9	8	27	24
14734	60# Screw Cap	60	13.8	143	44.8	37.4	12.2	12.2	58	24
14736	100# Screw Cap	100	22.8	238	50.7	43.7	14.5	14	72	18
<b>Collar</b>										
14738TC	25.5# Collar	25.5	5.8	60.7	33.6	29.0	9	8	27	20
14733	60# Collar	60	13.8	143	43.1	37.4	12.2	12.2	58	24
14735	100# Collar	100	22.8	238	49	43.7	14.5	14	75	18
140097	420# Collar	420	95.9	1000	57.5	45.6	30	4 way pallet base	379	9
Catalog No.	Description	kg	Liter	Kg	mm	mm	mm	mm	Kg	
<b>Screw Cap</b>										
14739	25.5# Screw Cap	11.6	22.0	27.5	895	737	229	203	12.2	20
14734	60# Screw Cap	27.2	52.2	64.9	1137	949	309	309	26.3	24
14736	100# Screw Cap	45.4	86.5	108.0	1288	1110	368	356	32.7	18
<b>Collar</b>										
14738TC	25.5# Collar	11.6	22.0	27.5	852	737	229	203	12.2	24
14733	60# Collar	27.2	52.2	64.9	1095	950	309	309	26.3	24
14735	100# Collar	45.4	86.5	108.0	1245	1110	368	356	34	18
140097	420# Collar	190.5	363.0	453.6	1461	1159	762	4 way pallet base	171.9	9

# STEEL FORKLIFT CYLINDERS

## DOT4BA240 - 4BA260 - 4BAM16

- Quick Coupler installed on all Manchester forklift cylinders.
- Cylinders can be stamped with your company name at no extra charge for quantity orders.
- Manchester forklift cylinders have *Lifetime Warranty* on dip tubes.
- Permanently positioned relief valve with a clear path to the outside of the cylinder. No adapters, which can be lost or misdirected, are needed.
- Foot ring designed to withstand high impact.

**NEW!**  
Stackable for  
increased capacity  
on your trucks.



**20# / 5560TC**

**33.5# / 5580TC**

**43.5# / 5595TC**

Product Data		Propane Capacities		Water Capacity	Length OL	Height H	Diameter D	Diameter B	Tare Weight	Skid Quantity
Catalog No.	Description	Lb	Gal	Lb	In	In	In	In	Lb	
5550	20# LESS FILL VALVE	20.0	4.6	47.6	19	13.6	12.2	10.3	27	48
5560TC	20# WITH FILL VALVE	20.0	4.6	47.6	19	13.6	12.2	10.3	27	48
5570TC	33.5# LESS FILL VALVE	33.5	7.7	80.0	27.3	21.8	12.2	10.3	36	36
5580TC	33.5# WITH FILL VALVE	33.5	7.7	80.0	27.3	21.8	12.2	10.3	36	36
5590TC	43.5# LESS FILL VALVE	43.5	9.9	104.0	33.3	27.8	12.2	10.3	44	24
5595TC	43.5# WITH FILL VALVE	43.5	9.9	104.0	33.3	27.8	12.2	10.3	44	24
5305	14.25# LIQUID, GAUGE, W/FILL VALVE	14.25	3.2	33.5	20.8	16.8	9	8	22	12
5306	14.25# VAPOR, GAUGE, W/FILL VALVE	14.25	3.2	33.5	20.8	16.8	9	8	22	12

Product Data		Propane Capacities		Water Capacity	Length OL	Height H	Diameter D	Diameter B	Tare Weight	Skid Quantity
Catalog No.	Description	kg	Liter	Kg	mm	mm	mm	mm	Kg	
5550	20# LESS FILL VALVE	9.1	17.4	22	483	345	310	260	12.2	48
5560TC	20# WITH FILL VALVE	9.1	17.4	22	483	345	310	260	12.2	48
5570TC	33.5# LESS FILL VALVE	15.2	29.1	36.3	692	554	310	260	16.3	36
5580TC	33.5# WITH FILL VALVE	15.2	29.1	36.3	692	554	310	260	16.3	36
5590TC	43.5# LESS FILL VALVE	19.7	37.5	47.2	845	706	310	260	20	24
5595TC	43.5# WITH FILL VALVE	19.7	37.5	47.2	845	706	310	260	20	24
5305	14.25# LIQUID, GAUGE, W/FILL VALVE	6.5	12.1	15.2	527	425	229	203	10	12
5306	14.25# VAPOR, GAUGE, W/FILL VALVE	6.5	12.1	15.2	527	425	229	203	10	12



# ALUMINUM FORKLIFT CYLINDERS

DOT4E240 - 4EM16

- Quick Coupler installed on all Manchester forklift cylinders.
- Cylinders are inspected and vacuum pre-purged.
- Cylinders can be stamped with your company name at no extra charge for quantity orders.
- Manchester forklift cylinders have *Lifetime Warranty* on dip tubes.
- Permanently positioned relief valve with a clear path to the outside of the cylinder. No adapters, which can be lost or misdirected, are needed.
- Foot ring designed to withstand high impact.
- Stackable for increased capacity on your trucks.
- Aluminum cylinders are shot blasted resulting in a textured finish. This manufacturing process is environmentally friendly, creating a "Green" working environment for our employees.



33.5# / 9315



43.5# / 9161

Catalog No.	Product Data Description	Propane Capacities		Water Capacity	Length OL	Height H	Diameter D	Diameter B	Tare Weight	Skid Quantity
		Lb	Gal	Lb	In	In	In	In	Lb	
9305	20# LIQUID W/GAUGE & FILL VALVE	20	4.6	47.6	20.4	14.9	12.3	9.5	17	48
9290	33.5# LESS FILL, LESS GAUGE	33.5	7.4	80.0	28.3	22.4	12.3	9.5	24	36
9310	33.5# LESS FILL WITH GAUGE	33.5	7.4	80.0	28.3	22.4	12.3	9.5	24	36
9315	33.5# WITH FILL VALVE & GAUGE	33.5	7.4	80.0	28.3	22.4	12.3	9.5	24	36
9317	33.5# NO GAUGE OPENING, WITH FILL	33.5	7.4	80.0	28.3	22.4	12.3	9.5	24	36
9161	43.5# 5 HOLE W/SIGHT GAUGE & FILL VALVE	43.5	9.9	104.0	33.9	28.8	12.3	9.5	25	24
9162	43.5# 3 HOLE NO VAPOR AND SIGHT GAUGE	43.5	9.9	104.0	33.9	28.8	12.3	9.5	25	24
9163	43.5# 4 HOLE LESS SIGHT GAUGE	43.5	9.9	104.0	33.9	28.8	12.3	9.5	25	24
9164	43.5# 5 HOLE LESS FILL WITH SIGHT GAUGE	43.5	9.9	104.0	33.9	28.8	12.3	9.5	25	24
Catalog No.	Description	kg	Liter	Kg	mm	mm	mm	mm	Kg	
9305	20# LIQUID W/GAUGE & FILL VALVE	9	17	21.6	518	379	312	241	7.7	48
9290	33.5# LESS FILL, LESS GAUGE	15.2	28	36.3	717.6	569	312	241	10.9	36
9310	33.5# LESS FILL WITH GAUGE	15.2	28	36.3	717.6	569	312	241	10.9	36
9315	33.5# WITH FILL VALVE & GAUGE	15.2	28	36.3	717.6	569	312	241	10.9	36
9317	33.5# NO GAUGE OPENING, WITH FILL	15.2	28	36.3	717.6	569	312	241	10.9	36
9161	43.5# 5 HOLE W/SIGHT GAUGE & FILL VALVE	19.7	37.5	47.2	862.1	732	312	241	11.3	24
9162	43.5# 3 HOLE NO VAPOR AND SIGHT GAUGE	19.7	37.5	47.2	862.1	732	312	241	11.3	24
9163	43.5# 4 HOLE LESS SIGHT GAUGE	19.7	37.5	47.2	862.1	732	312	241	11.3	24
9164	43.5# 5 HOLE LESS FILL WITH SIGHT GAUGE	19.7	37.5	47.2	862.1	732	312	241	11.3	24

# STEEL & ALUMINUM BUFFER CYLINDERS

DOT4BA240 - 4E240

**20# STEEL  
5456**



**20# ALUMINUM  
9285**



Catalog No.	Product Data Description	Propane Capacities		Water Capacity	Length OL	Height H	Diameter D	Diameter B	Tare Weight	Skid Quantity
		Lb	Gal	Lb	In	In	In	In	Lb	
5455	20# STEEL VAPOR W/QUICK COUPLER - LESS FILL	20.0	4.6	47.6	19	13.6	12.2	10.3	27	48
5456	20# STEEL VAPOR SVC WITH FILL & GAUGE	20.0	4.6	47.6	19	13.6	12.2	10.3	27	48
5461TC	20# STEEL VAPOR SVC OPD/LESS FILL - GAUGE	20.0	4.6	47.6	19	13.6	12.2	10.3	27	48
9285	20# ALUMINUM LESS FILL WITH GAUGE	20.0	4.6	47.6	19	14.9	12.3	9.5	17	48
9287TC	20# ALUMINUM WITH FILL VALVE	20.0	4.6	47.6	19	14.9	12.3	9.5	17	48
9257TC	20# ALUMINUM LESS FILL WITH OPD & SIGHT GAUGE	20.0	4.6	47.6	19	14.9	12.3	9.5	17	48

Catalog No.	Description	Propane Capacities		Water Capacity	Length OL	Height H	Diameter D	Diameter B	Tare Weight	Skid Quantity
		kg	Liter	Kg	mm	mm	mm	mm	Kg	
5455	20# STEEL VAPOR W/QUICK COUPLER - LESS FILL	9.1	17.4	21.6	483	345	310	260	12.2	48
5456	20# STEEL VAPOR SVC WITH FILL & GAUGE	9.1	17.4	21.6	483	345	310	260	12.2	48
5461TC	20# STEEL VAPOR SVC OPD/LESS FILL - GAUGE	9.1	17.4	21.6	483	345	310	260	12.2	48
9285	20# ALUMINUM LESS FILL WITH GAUGE	9.1	17.4	21.6	483	379	312	241	7.7	48
9287TC	20# ALUMINUM WITH FILL VALVE	9.1	17.4	21.6	483	379	312	241	7.7	48
9257TC	20# ALUMINUM LESS FILL WITH OPD & SIGHT GAUGE	9.1	17.4	21.6	483	379	312	241	7.7	48

## PLUMBER'S POT

**10511**



4

Catalog No.	Product Data Description	Propane Capacities		Water Capacity	Length OL	Height H	Diameter D	Diameter B	Tare Weight	Skid Quantity
		Lb	Gal	Lb	In	In	In	In	Lb	
10511	VERTICAL LP CYLINDER DOT4BA240 PLUMBERS POT VALVE OPD - WHITE	20	4.6	47.6	19	13.6	12.2	10.3	23	48
		kg	Liter	Kg	mm	mm	mm	mm	Kg	
		9.1	17.4	21.6	483	345	310	260	10.4	48

# MANCHESTER PROPANE HAND BURNERS



**POWER JET COMBO / 8061**



**HANDIBOY COMBO / 8062**

**POWER JET / 8017**



**HANDIBOY / 8053**

Catalog No.	Description	BTU	Kilojoule kj	Shipping Weight	Pkg.
8062	HANDIBOY BURNER BUBBLE PACK KIT INCLUDES: Handiboy Burner, Excess Flow POL & 10' Hose Assembly. UL Listed.	500,000	527,500	4.5 Lb.	8
8053	HANDIBOY BURNER	500,000	527,520	2 Lb.	1
8017	3' POWER JET HAND BURNER	750,000	791,250	2.5 Lb.	4
8061	BUBBLE PACK KIT INCLUDES: 3' Power Jet Handburner, Regulator Gauge & 10' Hose.	750,000	791,250	5.8 Lb.	6
8012	SUPER 8' POWER JET HAND BURNER	2,000,000	2,110,000	4 Lb.	4



## DISTRIBUTION MAP

■ MTE DISTRIBUTION CENTERS

● MTE PLANT LOCATIONS



### Mission Statement

Manchester Tank is the leading manufacturer of low-pressure vessels for propane, air, and industrial applications in North America and Australia.

Our mission is to retain our premier position by continuously improving our products and service level to meet and exceed the expectations of our customers. Customer satisfaction is central to our

existence. Our employees will accomplish this by functioning as a team and becoming involved. We will continuously invest in operations and improve processes.

We will function with a high degree of integrity and provide a reasonable return for our owners.

To place orders and check current availability, Contact Customer Service:

**800-877-8265**

Fax: 800-876-6449 • Franklin, TN

Or visit the Manchester web site:

[www.mantank.com](http://www.mantank.com)

E-mail: [sales@mantank.com](mailto:sales@mantank.com)

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