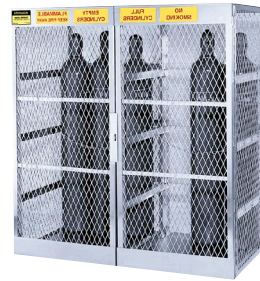


# Gas-Cylinder Storage & Handling Essentials

*Safely store and transport heavy compressed gas cylinders*



## Why do I need special equipment for handling gas cylinders?

Compressed-gas-cylinders are inherently dangerous, heavy, and awkward to move and store. Improper handling could result in serious injuries and a broken valve could quickly turn the cylinder into a powerful rocket or devastating torpedo.

Minimize your risk for accidents with proper training and always consult the Safety Data Sheet (SDS) for information on the gases you will be using. Never compromise safety by using inferior equipment for transporting and storing industrial, medical, and commercial gases. Use quality, heavy-duty Justrite® gas-cylinder products to avoid potential injuries and incidents.

## Ensure compliance with applicable regulations—key excerpts include:

NFPA 55	NFPA 1	CGA P-1	OSHA
71.8.3	63.3.1.9.4	5.5	1926.350(a)7
71.8.4	63.3.1.9.5	5.6	
71.9.2	63.3.1.11.2.2	5.8.4	
7.1.11.2.2	63.3.3.3.2.2	6.4.3	
7.3.3.2.2	63.3.10.2		

## Types of gas-cylinder equipment

### Hand Trucks:

- Single
- Double
- With firewall
- With hoist ring
- Lift-and-Load

### Forkliftable:

- Pallets
- Barricade racks

### Barricade Racks

### Storage Stands and Process Stations:

- Floor mount stands
- Small gas-cylinder stands
- Process station

### Carts and Mobile Stands:

- Over-the-road transport stand

### Support Brackets:

- Wall mount
- Bench mount

### Safety Snap Cap

### Aluminum Cylinder Lockers:

- Vertical cylinder storage
- Horizontal LPG cylinder storage



### Approval and Compliance Key

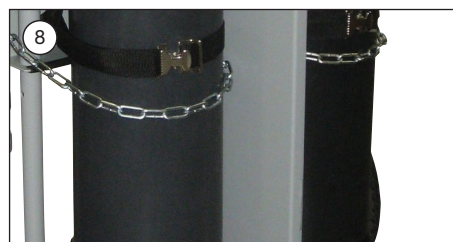
O	Complies with Occupational Safety and Health Administration (OSHA) Regulations
A	Complies with NFPA 1 Fire Code - 2012 Edition
C	Compressed Gas Association (CGA) P1 Standard for Safe Handling of Compressed Gases in Containers
G	Complies with NFPA 55 Compressed Gases and Cryogenic Fluids Code
U	U.S. Geological Survey High Hazards Zone Requirements



## Exceptional workmanship and unique features help you safely transport industrial, medical, and commercial use compressed gases with confidence and ease.

1. Triple grip push handle greatly enhances safety of top heavy loads by expanding grip area for improved leverage and swing radius
2. Steel encased Marinite® I\* creates a one-hour fire barrier between the fuel and oxygen cylinders—exceeds minimum NFPA 55, NFPA 1, OSHA and CGA standards
3. Constructed using 1.25-in (32-mm) diameter round steel tube with continuous welding of optimum safety, strength, and longevity
4. Corrosion-resistant powder-coat finish throughout for long life and smooth handling
5. Tool box with integral lockable lid for torch storage
6. Locking posts and collar plates ensure total cylinder immobilization
7. Extensive structural framing with 0.375-in (10-mm) thick hoist plate permits safe lifting by hoist rigs to eliminate unauthorized access or theft
8. Exclusive vinyl bumper guard edging helps grip cylinder and reduces damaging scratches and dents. Durable 1.5-in (38-mm) wide poly straps with steel cinch buckles hold cylinders tightly in place. Welded loop chain provides a secondary means of securement. Two straps and one chain per cylinder.
9. Exclusive heavy-duty, 11-gauge (3-mm) floor plate with safety fins prevent warping or breakage. Unique zero-lift height eliminates need to lift cylinder during loading and unloading. Large 16-in (406-mm) pneumatic wheels have dual ball bearings for easier rolling—less effort required.

\*Marinite® I is a registered trademark of BNZ Materials, Inc.



## 4 Hand Trucks

### Single Gas-Cylinder Hand Trucks

Specially designed to load and transport heavy gas-cylinders and minimize accidents or injuries

- Constructed of 1-in (25-mm) and 1.25-in (32-mm) diameter steel tubing with continuous welding
- V-shaped cylinder support cradles keep cylinder secure, reducing cylinder rolling common in curved back designs
- Durable, 1.5-in (38-mm) wide poly straps with steel cinch buckles, lab tested to 1138-lb (516-kg), for safe transport
- Heavy-duty, 11-gauge (3-mm) floor plate with safety fins prevent warping or breaking
- Unique zero-lift height loading eliminates the need to lift cylinder during loading and unloading
- Corrosion-resistant powder-coat finish

**Models 35004, 35006, and 35008** include 3-in (5-mm) swivel caster assemblies for stable transport—fold flat for storage.



Hand trucks feature heavy floor plate with zero-lift height load.

Four wheels for easier, safer transport.



Max Cylinder Diameter in/mm	Wheel Type	Wheel Size in/mm	Rear Casters in/mm	H x W x D	Straps per Cylinder	Weight Capacity lb/kg	Approv/Lstg Regulation	Model
12/305	Semi-pneumatic	8/203	—	47 x 18 x 16 in (1194 x 457 x 406 mm)	1	300/136	O, C, G, A	35000
12/305	Pneumatic	10.5/267	—	47 x 23 x 18 in (1194 x 584 x 457 mm)	1	700/318		35002
12/305	Semi-pneumatic	8/203	3/76	47 x 18 x 16 in (1194 x 457 x 406 mm)	1	700/318		35004
12/305	Pneumatic	10.5/267	3/76	47 x 21 x 19 in (1194 x 533 x 483 mm)	1	1000/454		35006
12/305	Flat-free	10/254	3/76	47 x 21 x 19 in (1194 x 533 x 483 mm)	1	1000/454		35008
18/457	Pneumatic	16/406	—	49 x 36 x 32 in (1245 x 914 x 813 mm)	2	1000/454		35010
18/457	Flat-free	10/254	—	49 x 36 x 32 in (1245 x 914 x 813 mm)	2	700/318		35012



## Double Gas-Cylinder Hand Trucks

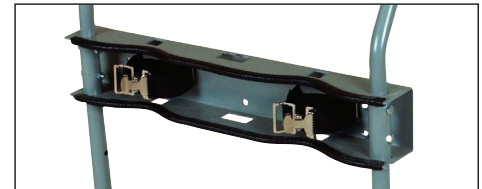
Never compromise safety when handling heavy compressed gas-cylinders—transport two gas cylinders and avoid accidents

- Constructed of 1-in (25-mm) and 1.25-in (32-mm) diameter steel tubing with continuous welding
- 11-gauge (3-mm) steel floor plate with safety fins prevents warping or breaking
- The unique zero-lift height floor plate lays flat, eliminates the need to lift cylinder during loading and unloading
- Corrosion-resistant powder coat finish for long life
- Heavy-duty 1.5-in (38-mm) wide poly straps, lab tested to 1138-lb (516-kg), with steel cinch buckles—eliminates potential cylinder rolling
- All main wheels have dual ball bearings for easier rolling—less effort required

**Models 35032 and 35036** include wide-set, dual rear casters for increased stability and maneuverability.



Double cylinder hand truck holds gas-cylinders in place independently for improved safety.



Bumper guard vinyl edging reduces scratches/dents.

Max Cylinder Diameter in/mm	Wheel Type	Wheel Size in/mm	Rear Casters in/mm	H x W x D	Straps per Cylinder	Weight Capacity lb/kg	Approv/Lstg Regulation	Model
(1) 10/254 (1) 13/330	Pneumatic	10.5/267	—	47 x 33 x 19 in (1194 x 838 x 483 mm)	1	700/318	O, C, G, A	35028
(1) 10/254 (1) 13/330	Flat-free	10/254	—	47 x 33 x 19 in (1194 x 838 x 483 mm)	1	700/318		35030
(1) 10/254 (1) 13/330	Pneumatic	10.5/267	3/76	47 x 32 x 20 in (1194 x 800 x 508 mm)	1	1000/454		35032
(1) 10/254 (1) 13/330	Pneumatic	16/406	5/127	47 x 34 x 27 in (1194 x 864 x 686 mm)	1	1000/454		35036
(1) 10/254 (1) 13/330	Steel	20/508	—	47 x 32 x 27 in (1194 x 813 x 610 mm)	1	600/272		35020
(1) 10/254 (1) 13/330	Pneumatic	16/406	—	47 x 34 x 27 in (1194 x 864 x 686 mm)	1	1000/454		35038

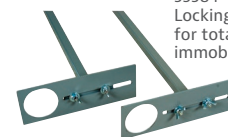
### Accessories for Double-Cylinder Hand Trucks

Description	H x W x D*	Model
Tool tray attachment	8 x 20 x 5 in (203 x 508 x 127 mm)	35388
Tool tray attachment with lockable lid	8 x 20 x 5 in (203 x 508 x 127 mm)	35386
Cylinder locking post and collar, set of two	43 x 4 x 8 in (1092 x 102 x 203 mm)	35384

\*Actual tool box dimensions are 5 x 20 x 5 in (203 x 508 x 127 mm)



35388 Tool tray



35384 Locking posts for total cylinder immobilization

## 6 Hand Trucks

### Gas-Cylinder Hand Trucks with Firewall

Transport safely with one-hour fire barrier—designed for fuel and oxidizer cylinders used in welding applications

- Durable 1.25-in (32-mm) diameter steel tube construction with continuous welding
- 11-gauge (3-mm) steel floor plate
- The zero-lift height eliminates need to lift cylinder during loading and unloading
- Corrosion-resistant powder-coat finish
- Heavy-duty 1.5-in (38-mm) wide poly straps, lab tested to 1138-lb (516-kg), with cinch buckles eliminate cylinder rolling potential. Secondary loop chains included.
- Triple-grip push handle enhances safety on top-heavy loads with improved leverage and swing radius
- Hoist-lift models include locking posts and collar plates and tool box attachment with integral lockable lid

**Models 35044 and 35052** include 5-in (127-mm) wide-set, dual rear swivel casters for increased stability and maneuverability.



Firewalls exceed minimum separation requirements for extended storage of fuels and oxidizers in close proximity.



To eliminate unauthorized access or theft of gas-cylinders, construction sites often use a hand truck with hoist lift to suspend the unit.

Max Cylinder Diameter in/mm	Wheel Type	Wheel Size in/mm	Rear Casters in/mm	Hoist Ring w/Locking Posts	Tool Box	H x W x D	Straps per Cylinder	Approv/Lstg Regulation	Weight Capacity lb/kg	Model
(1) 10/254 (1) 13/330	Pneumatic	16/406	—	—	—	61 x 35 x 26 in (1549 x 889 x 660 mm)	2 + Chain	O, C, G, A	1000/454	35040
(1) 10/254 (1) 13/330	Pneumatic	10.5/267	—	—	—	61 x 35 x 23 in (1549 x 889 x 584 mm)	2 + Chain		700/318	35042
(1) 10/254 (1) 13/330	Pneumatic	16/406	5/127	—	—	61 x 35 x 26 in (1549 x 889 x 660 mm)	2 + Chain		1000/454	35044
(1) 10/254 (1) 13/330	Steel	20/508	—	—	—	61 x 32 x 28 in (1549 x 813 x 711 mm)	2 + Chain		600/272	35046
(1) 10/254 (1) 13/330	Steel	20/508	—	Yes	Yes	64 x 32 x 28 in (1626 x 813 x 711 mm)	2 + Chain		600/272	35048
(1) 10/254 (1) 13/330	Pneumatic	16/406	—	Yes	Yes	64 x 35 x 26 in (1626 x 889 x 660 mm)	2 + Chain		600/272	35050
(1) 10/254 (1) 13/330	Pneumatic	16/406	5/127	Yes	Yes	64 x 35 x 26 in (1626 x 889 x 660 mm)	2 + Chain		600/272	35052

#### Accessories for Gas-Cylinder Hand Trucks with Firewall

Description	H x W x D*	Model
Tool tray attachment	8 x 20 x 5 in (203 x 508 x 127 mm)	35388
Tool box attachment with lockable lid	8 x 20 x 5 in (203 x 508 x 127 mm)	35386
Cylinder locking post and collar, set of two	43 x 4 x 8 in (1092 x 102 x 203 mm)	35384

\*Actual tool box dimensions are 5 x 20 x 5 in (203 x 508 x 127 mm)



## Gas-Cylinder Hand Trucks with Hoist Ring

Move gas-cylinders easily in construction locations with poor accessibility, or from floor-to-floor—good for welding gas-cylinders on jobsite

- Structural steel framing with 0.375-in (10-mm) thick hoist plates
- Fully welded construction using 1.25-in (32-mm) diameter steel tube
- 11-gauge (3-mm) steel floor plate
- Zero-lift height loading eliminates the need to lift cylinder during loading and unloading
- Triple-grip handle design helps control improved leverage and swing radius.
- Corrosion-resistant powder-coat finish throughout
- Two heavy-duty 1.5-in (38-mm) wide poly straps, lab tested to 1138-lb (516-kg), with steel cinch buckles eliminate cylinder rolling potential

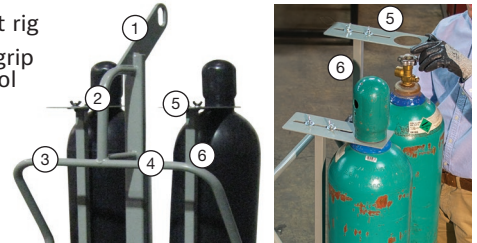
**Models 35022 and 35026** include dual rear swivel casters for increased stability and maneuverability—35022 also includes a tool tray. Caster carriage steel hinge bars for folding against rear of truck and easy storage.



Hoist rings for transport and lifting of cylinders, or lowering into hard-to-access areas such as boats and submarines.



- 1 – Robust hoist rig
- 2, 3, 4 – Triple grip handle to control heavy loads
- 5, 6 – Locking system with collar and post for total immobilization



Cylinder Capacity	Max Cylinder Diameter in/mm	Wheel Type	Wheel Size in/mm	Rear Casters in/mm	Tool Tray	H x W x D	Straps per Cylinder	Approv/ Lstg Regulation	Weight Capacity lb/kg	Model
1	12/305	Pneumatic	10.5/267	—	—	70 x 21 x 19 in (1778 x 533 x 483 mm)	2	O, C, G, A	300/136	35016
2	(1) 10/254 (1) 13/330			3/76	Yes	69 x 35 x 22 in (1753 x 889 x 559 mm)			600/272	35022
	(1) 10/254 (1) 13/330			—	—	69 x 35 x 22 in (1753 x 889 x 559 mm)			600/272	35024
	(1) 10/254 (1) 13/330			3/76	—	69 x 35 x 22 in (1753 x 889 x 559 mm)			600/272	35026
2	(1) 10/254 (1) 13/330	Steel	20/508	—	—	69 x 32 x 28 in (1753 x 813 x 711 mm)	2	O, C, G, A	600/272	35018
	(1) 10/254 (1) 13/330	Pneumatic	16/406	—	—	69 x 35 x 26 in (1753 x 889 x 660 mm)			600/272	35034

### Extra Accessories for Gas-Cylinder Hand Trucks with Hoist Ring

Description	H x W x D*	Model
Tool tray attachment	8 x 20 x 5 in (203 x 508 x 127 mm)	35388
Tool box attachment with lockable lid	8 x 20 x 5 in (203 x 508 x 127 mm)	35386

\*Actual tool box dimensions are 5 x 20 x 5 in (203 x 508 x 127 mm)

## 8 Hand Trucks

### Lift-and-Load Cylinder Hand Truck

Safely raise and position gas-cylinders using integral jack and hand crank

- Lift system with 11-inch (279-mm) extension makes lifting easy with approximately 10 turns of the crank per vertical inch
- Built-in clamping system with chain secures the cylinder for lifting and transport
- Pneumatic main wheels and rear swivel casters increase stability and maneuverability
- Fully welded construction
- Powder-coat finish



35054



Chain clamping system secures cylinder for lifting and transport



Lift-and-Load hand truck allows user to install heavy cylinders onto raised locations.

Max Cylinder Diameter in/mm	Wheel Type	Wheel Size in/mm	Rear Casters in/mm	H x W x D	Approv/Lstg Regulation	Weight Capacity lb/kg	Model
12/305	Pneumatic	10.5/267	3/76	56 x 22 x 20 in (1422 x 559 x 508 mm)	O, C, G, A	1000/454	35054

### Safety Snap Cap for Gas-Cylinders

Protect and limit access to valve control

- Meets ISO 11117, DOT 49 CFR, CSA B340, and CGA V-9
- Fits most North American gas-cylinders
- Provides a lockout device that prevents unauthorized use—includes brass padlock
- Welded steel construction and powder-coat finish provides many years of use



Easily access the valve without having to remove the cap or regulator

Description	H x W x D	Approv/Lstg Regulation	Model
High pressure, fine thread, 3.125 in x 11UN	7.5 x 5 x 4 in (191 x 127 x 102 mm)	O, C, G, A	35358
Low pressure, fine thread, 3.5 in x 11UN			35360
High pressure, coarse thread, 3.125 in x 7UN			35362
Low pressure, coarse thread, 3.5 in x 8UN			35364



## Gas-Cylinder Barricade Racks

Recommended for indoor or outdoor bulk cylinder storage—meet USGS high-hazard seismic zone requirements when properly mounted

- Square steel structural tubing—continuously seam welded at all junction points
- Exterior-grade powder-coat finish for durability and corrosion resistance
- Tops ground smooth and HDPE end caps prevent and injuries.
- Two levels of steel chains for each cylinder to the rack
- Pre-drilled holes for floor mounting
- For seismic installations, add model 35350 S4-rated anchor bolts (sold separately).
- For applications where both fuels and oxidizers are stored near one another, use a one-hour fire barrier between barricade racks



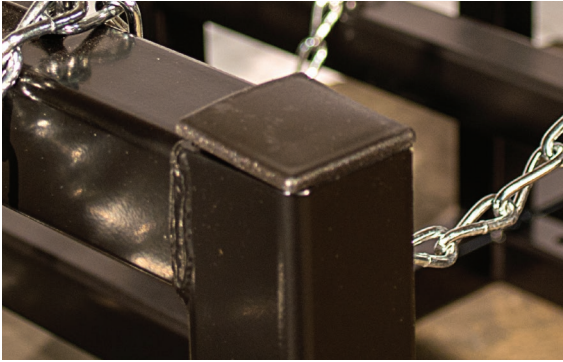
Secure and store cylinders in a barricade rack—visually inspect on a routine basis for any indication of leakage or problems.



Cylinder Capacity	Max Cylinder Diameter* in/mm	Cylinder Orientation W x D	Mount Holes	H x W x D	Approv/Lstg Regulation	Model
1	11/279	1 x 1	3	30 x 16 x 16 in (762 x 406 x 406 mm)	O, C, G, A, U	35080
2	11/279	1 x 2	4	30 x 16 x 26 in (762 x 406 x 660 mm)		35084
3	11/279	1 x 3	4	30 x 16 x 38 in (762 x 406 x 965 mm)		35090
4	11/279	1 x 4	4	30 x 16 x 50 in (762 x 406 x 1270 mm)		35096
2	11/279	2 x 1	3	30 x 30 x 16 in (762 x 762 x 406 mm)	O, C, G, A, U	35100
4	11/279	2 x 2	6	30 x 30 x 26 in (762 x 762 x 660 mm)		35106
6	11/279	2 x 3	6	30 x 30 x 38 in (762 x 762 x 965 mm)		35112
8	11/279	2 x 4	6	30 x 30 x 50 in (762 x 762 x 1270 mm)		35118

\*Cylinder bays are 12-in (305-mm) wide  
 See next page for more sizes.

## 10 Barricade Racks & Pallets



End tops are capped with high-density polyethylene caps to reduce injuries from sharp edges while preventing dirt build-up and corrosion inside tube for a clean, quality look.



35122



35106



35188



35150



35172

### Custom-made barricade racks

Options include stainless steel construction, process rails, and fire barriers attached to racks.

Visit [justrite.com](http://justrite.com)



### Gas-Cylinder Barricade Racks (continued)

Cylinder Capacity	Max Cylinder Diameter in/mm	Cylinder Orientation W x D	Mount Holes	H x W x D	Approv/Lstg Regulation	Model
3	11/279*	3 x 1	4	30 x 44 x 16 in (762 x 1118 x 406 mm)	O, C, G, A, U	35122
6	11/279*	3 x 2	8	30 x 44 x 26 in (762 x 1118 x 660 mm)		35128
9	11/279*	3 x 3	8	30 x 44 x 38 in (762 x 1118 x 965 mm)		35134
12	11/279*	3 x 4	8	30 x 44 x 50 in (762 x 1118 x 1270 mm)		35140
4	11/279*	4 x 1	5	30 x 58 x 16 in (762 x 1473 x 406 mm)	O, C, G, A, U	35144
8	11/279*	4 x 2	10	30 x 58 x 26 in (762 x 1473 x 660 mm)		35150
12	11/279*	4 x 3	10	30 x 58 x 38 in (762 x 1473 x 965 mm)		35156
16	11/279*	4 x 4	10	30 x 58 x 50 in (762 x 1473 x 1270 mm)		35162
5	11/279*	5 x 1	6	30 x 70 x 16 in (762 x 1778 x 406 mm)	O, C, G, A, U	35166
10	11/279*	5 x 2	12	30 x 70 x 26 in (762 x 1778 x 660 mm)		35172
15	11/279*	5 x 3	12	30 x 70 x 38 in (762 x 1778 x 965 mm)		35178
20	11/279*	5 x 4	12	30 x 70 x 50 in (762 x 1778 x 1016 mm)		35182
1	11/279*	1 x 1	4	40 x 28 x 26 in (1016 x 711 x 660 mm)	O, C, G, A, U	35186
1	11/279*	1 x 1	4	40 x 38 x 36 in (1016 x 965 x 914 mm)		35184
2	11/279*	2 x 1	6	40 x 54 x 26 in (1016 x 1372 x 660 mm)		35188
2	11/279*	2 x 1	6	40 x 74 x 36 in (1016 x 1880 x 914 mm)		35190

\*Cylinder bays are 12-in (305-mm) wide

### Extra Accessories for Barricade Racks

Description	H x W x D	Model
Seismic-rated anchor, package of 1	0.5 in OD x 5.5 in (8 mm OD x 127 mm)	35350
One-hour fire barrier, one cylinder deep	60 x 12 x 2 in (1524 x 305 x 51 mm)	35352
One-hour fire barrier, two cylinders deep	75 x 28 x 2 in (1905 x 711 x 51 mm)	35354
One-hour fire barrier, four cylinders deep	75 x 52 x 2 in (1905 x 1321 x 51 mm)	35356



35350 Seismic anchor



## Cylinder Forklift and Barricade Rack Pallets

Transport multiple gas cylinders securely with a forklift – heavy-gauge, powder-coated steel construction ensures longevity and chemical resistance

- **Pallet models:** 7.75-in wide (197-mm) forklift channels with two-way access; includes a 10,000-lb (4,536-kg) DOT compliant strap that attaches to frame at 12-, 24- or 36-in (305-, 610- or 915-mm) from the deck.
- **Model 35222** incorporates a one-hour fire-rated barrier for storage of fuels and oxidizers near each other.
- **Forklift barricade rack models:** rectangular steel tube with two levels of steel chains for each cylinder; hinged ramp for easy loading and unloading. Tops ground smooth and capped with HDPE prevent corrosion and injuries.
- **Individually-secured cylinder models:** heavy-duty 1.5-in (38-mm) wide poly straps, tested to 1138-lb (516-kg), feature steel cinch buckles for secure attachment of cylinder—two straps per cylinder
- **Low-profile model 35230** makes cylinder loading easier. Optional 41-in (1041-mm) chain set, model 35366, for a secondary means of support.



Model 35222 forklift barricade rack with one-hour firewall permits storage of fuels and oxidizers in close proximity of each other.



35230



35226  
ramp down  
for loading



35220



35228

Cylinder Capacity	Max Cylinder Diameter in/mm	Cylinder(s)/ Load Type	Ramp	Securement Style	H x W x D*	Approv/Lstg Regulation	Weight Capacity lb/kg	Model
6 (1)	9/229 (21/534)	Multiple end	—	Ratchet strap x 1	38 x 24 x 36 in (965 x 610 x 914 mm)	O, C, G, A	2400/1089	35210
6 (1)	9/229 (21/534)	Multiple end	Yes		38 x 24 x 54 in (965 x 610 x 1372 mm)		2400/1089	35212
14 (2)	9/229 (21/534)	Multiple end	—		38 x 32 x 48 in (965 x 813 x 1219 mm)		3600/1633	35214
14 (2)	9/229 (21/534)	Multiple end	Yes		38 x 32 x 66 in (965 x 813 x 1676 mm)		3600/1633	35216
21 (4)	9/229 (21/534)	Multiple end	—		38 x 48 x 48 in (965 x 1219 x 1219 mm)		6000/2722	35218
21 (4)	9/229 (21/534)	Multiple end	Yes		38 x 48 x 66 in (965 x 1219 x 1676 mm)		6000/2722	35220
12 (2)	9/229 (21/534)	Multiple back to back	—	Ratchet strap x 2	78 x 32 x 48 in (1981 x 813 x 1219 mm)		4000/1814	35222
6	10/254	Barricade	Yes	2 Chains per cylinder	37 x 24 x 54 in (940 x 610 x 1372 mm)		1800/816	35224
12	11/279	Barricade	Yes		33 x 48 x 66 in (838 x 1219 x 1676 mm)		3600/1633	35226
2	12/305	Individual end	—	2 Poly straps w/steel cinch	33 x 24 x 24 in (838 x 610 x 610 mm)		800/363	35228
4	12/305	Low profile back to back	—		32 x 39 x 24 in (813 x 991 x 610 mm)		1200/544	35230
4	12/305	Individual back to back	—		34 x 24 x 36 in (864 x 610 x 914 mm)		1200/544	35232
6	12/305	Individual back to back	—		34 x 24 x 36 in (864 x 610 x 914 mm)	1800/816	35234	

\*Where applicable, dimensions shown with ramp deployed. \*Marinite® I is a registered trademark of BNZ Materials, Inc.

## 12 Support Brackets

### Gas-Cylinder Support Brackets

Secure multiple gas-cylinders to wall or bench for safe and compliant storage

- Brackets accept cylinder sizes ranging from 4- to 12-in (102- to 305-mm) and 9- to 16-in (229- to 407-mm)
- Bumper guard edging with steel reinforced vinyl protects cylinders from damage while providing extra grip
- Constructed from heavy-gauge powder-coated steel, or unfinished stainless steel
- For bench mounting, use models to clamp to tables from 1- to 2.75-in (26 to 70-mm) thick
- Heavy-duty polypropylene support straps, 1.5-in (38-mm) wide and rated at 1138-lb (516-kg), feature steel cinch buckle and hold individual cylinders securely against bracket
- Stainless steel brackets use a nylon side latch buckle to protect against corrosion



Secure gas-cylinders to wall or bench to prevent tipping.

#### Wall mount



#### Bench mount



35256 HDPE bracket



35254

Cylinder Capacity	Max Cylinder Diameter in/mm	Mount Type	Material	H x W x D	Straps Per Cylinder	Approv/Lstg Regulation	Model
1	12/305	Wall	Steel	4.25 x 8 x 2.25 in (108 x 203 x 57 mm)	1	O, C, G, A	35250
	12/305		Stainless steel	4.25 x 8 x 2.25 in (108 x 203 x 57 mm)	1		35252
	12/305		Steel	4.25 x 8 x 2.25 in (108 x 203 x 57 mm)	1 + Chain		35254
	12/305	Bench	HDPE	4 x 10.375 x 2.5 in (108 x 264 x 64 mm)	1 + Chain		35256
	12/305		Steel	4.25 x 8 x 4 in (108 x 203 x 102 mm)	1		35258
	12/305		Stainless steel	4.25 x 8 x 4.25 in (108 x 203 x 108 mm)	1		35260
	16/407		Wall	Steel	4.25 x 18 x 2.25 in (108 x 457 x 57 mm)		1

See next page for more sizes.

#### Extra Accessories for Gas-Cylinder Support Brackets

Description	Material	Model
Chain, one-piece, 41 in (1041 mm) long	Steel	35366
	Stainless steel	35368







All compressed gas-cylinders in service or in storage at user locations should be secured to prevent falling or rolling.



Straps with cinch buckle tightens to hold individual cylinders securely.



1. Long lasting heavy-duty steel
2. Smooth powder-paint finish for corrosion and chemical resistance
3. Exclusive bumper guard edging grips and protects cylinders
4. Chains provide a secondary support, extra safety



35276



35264

Gas-Cylinder Support Brackets (continued)

Cylinder Capacity	Max Cylinder Diameter in/mm	Mount Type	Material	H x W x D	Straps Per Cylinder	Approv/Lstg Regulation	Model
2	12/305	Wall	Steel	4 x 23.75 x 2 in (108 x 603 x 57 mm)	1	O, C, G, A	35264
			Stainless steel	4.25 x 23.75 x 2.25 in (108 x 603 x 57 mm)			35266
		Bench	Steel	4.25 x 23.75 x 2.25 in (108 x 603 x 57 mm)	1 + Chain		35268
			Stainless steel	4.25 x 23.75 x 4 in (108 x 203 x 102 mm)	1		35270
3	Wall	Steel	4.25 x 35.75 x 2.25 in (108 x 908 x 57 mm)	1		35274	
		4	Steel		4.25 x 48.75 x 2.25 in (108 x 1238 x 57 mm)	35276	

## Gas-Cylinder Storage Stands

Floor-mounted stands provide safe and secure storage options for one or more containers

- Fully welded construction using 11-gauge (3-mm) steel or 12-gauge (2-mm) stainless steel
- Exclusive bumper guard edging with steel reinforced vinyl
- Most stands store cylinders from 4- to 12-in (102- to 305-mm) in diameter. Low profile model 35282 accepts cylinders up to 10-in (254-mm) and features a 0.187-in (5-mm) thick steel clamping bar protected with an edge bumper guard.
- Pre-drilled holes in base designed for floor mounting
- Heavy-duty support straps, rated at 1138-lb (516-kg), feature steel cinch buckle and hold cylinders securely to prevent tipping. Stainless steel models use a nylon side latch buckle to protect against corrosion.



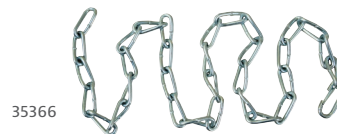
Mount model 35288 to floor and independently strap two cylinders securely to stand to prevent dangerous tipping accidents.



Cylinder Capacity	Max Cylinder Diameter in/mm	Mount Type/Orientation	Material	H x W x D	Straps Per Cylinder	Approv/Lstg Regulation	Model
1	12/305	Floor	Steel	30 x 18 x 13.75 in (762 x 457 x 349 mm)	2	O, C, G, A	35278
			Stainless steel	30 x 18 x 13.75 in (762 x 457 x 349 mm)			35280
2	10/254	Floor low profile	Steel	15 x 16 x 16 in (381 x 406 x 406 mm)	1 + Clamp bar		35282
			Stainless steel	30 x 27.75 x 10.5 in (762 x 705 x 267 mm)			35288
3	12/305	Floor	Steel	30 x 27.75 x 10.5 in (762 x 705 x 267 mm)	1		35290
				30 x 39.75 x 10.5 in (762 x 1010 x 267 mm)			35294
4	12/305	Floor back to back	Steel	30 x 32 x 23 in (762 x 813 x 584 mm)	2	35296	
				30 x 52 x 14 in (762 x 1321 x 356 mm)		35298	
6	12/305	Floor	Steel	30 x 44 x 23 in (762 x 1118 x 584 mm)		35300	
				30 x 56 x 23 in (762 x 1422 x 584 mm)		35302	
8	12/305	Floor back to back	Steel				

**\*Extra Accessories for Gas-Cylinder Support Stands**

Description	Material	Model No
Chain, one-piece, 41 in (1041 mm) long	Steel	35366
	Stainless steel	35368



\*Not applicable for model 35282



## Small Gas-Cylinder Stands

Benchtop stands for storage and transport of smaller specialty gas-cylinders commonly used in laboratories

- Sized to fit calibration gases or medical oxygen in laboratories
- Stands have pre-drilled holes for wall or benchtop mounting
- PVC stands fit 2- or 3-in calibration gas, lecture bottles (LB) and oxygen cylinders. Models 35318 and 35320 require mounting for proper functionality. Model 35322 functions as a six-cylinder carrier for transporting within a laboratory.
- Steel stands—corrosion resistant power-coated finish. Used for medical oxygen or calibration gases.

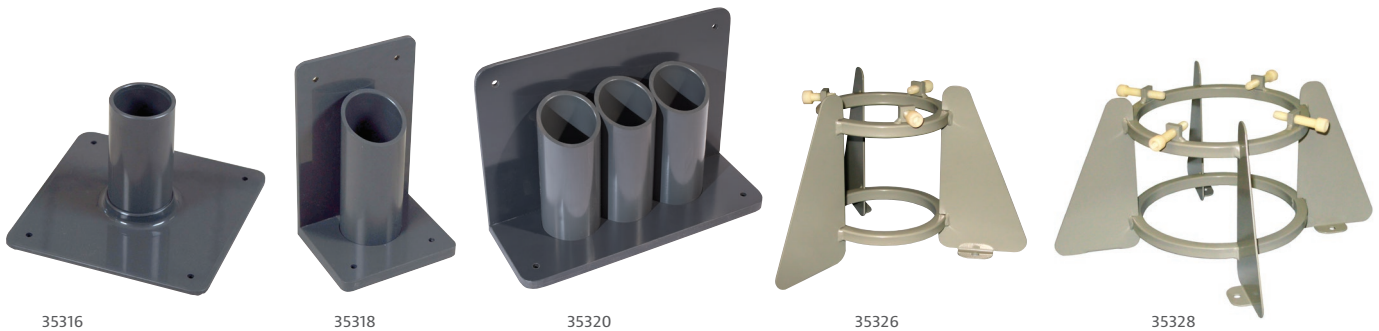
**Model 35326** — 3.25- to 4.25-in (83- to 108-mm) bottles

**Model 35328** — 5.75- to 6.75-in (146- to 172-mm) bottles

**Model 35330** — 7.75- to 8.75-in (191- to 222-mm) bottles



35322



35316

35318

35320

35326

35328

Cylinder Capacity	Max Cylinder Diameter in/mm	Type	Material	H x W x D	Approv/Lstg Regulation	Model
1	2/51	Bench	PVC	5 x 7.75 x 7.75 in (127 x 197 x 197 mm)	O, C, G, A	35316
1		Wall / Bench		7.5 x 5 x 4 in (191 x 127 x 102 mm)		35318
3		Wall / Bench		7.5 x 11 x 4 in (191 x 279 x 102 mm)		35320
6		Carrier		19 x 9 x 6 in (483 x 229 x 152 mm)		35322
6	3/76	Bench	Steel	6 x 7.75 x 7.75 in (152 x 197 x 197 mm)		35324
1	4.25/108			7 x 9.5 x 9.5 in (178 x 241 x 241 mm)		35326
	6.75/172			7 x 14.5 x 14.5 in (178 x 368 x 368 mm)		35328
	8.75/222			7 x 16.5 x 16.5 in (178 x 419 x 419 mm)		35330

## Gas-Cylinder Process Stations

Prevent dangerous tipping accidents—secure gas cylinders with easy-to-reach control mounting panels for gas distribution

- Fully welded construction using 11-gauge (3-mm) steel
- Store cylinders from 4- to 12-in (102- to 305-mm) in diameter
- Powder-coated finish
- Exclusive bumper guard edging with steel reinforced vinyl protects your cylinders from damage while providing extra grip
- Pre-drilled holes in base designed for floor mounting
- Heavy-duty support straps, 1.5-in (38-mm) wide and rated at 1138-lb (516-kg), feature steel cinch buckle
- Most stands include openings to retrofit secondary support chains, one set for each cylinder station. Add model 35366 for optional steel chain.
- Heavy-duty size 2/0 steel chains lay flat against the cylinders for a tight fit



Process rack model 35314 accepts three cylinders per side. Add cylinder controls or cross-over devices on top panel for safe gas distribution.



35306



35310



35304

### Custom Designed Process Control Station



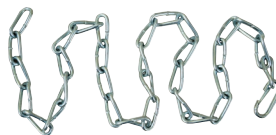
Photos courtesy of Praxair Specialty Gases

Cylinder Capacity	Max Cylinder Diameter in/mm	Mount Type/Orientation	Control Mount Type	H x W x D	Straps Per Cylinder	Approv/Lstg Regulation	Model		
1	12/305	Floor	Panel	72 x 18 x 13.75 in (1829 x 457 x 349 mm)	2	O, C, G, A	35304		
2				72 x 28 x 10.5 in (1829 x 705 x 267 mm)	1		35306		
3				72 x 40 x 10.5 in (1829 x 1016 x 267 mm)	1		35308		
4			Dual struts	72 x 52 x 14 in (1829 x 1321 x 356 mm)	2		35310		
4				Floor back to back	Panel		72 x 32 x 23 in (1829 x 813 x 584 mm)	2	35312
6					Panel		72 x 44 x 23 in (1829 x 1118 x 584 mm)	2	35314

### Extra Accessories for Gas-Cylinder Process Stands

Description	Model
Chain, one-piece, 41 in (1041 mm) long	35366

35366





## Gas-Cylinder Carts and Mobile Stands

Heavy-duty steel construction for safe transport of compressed gas

- For cylinders from 4- to 12-in diameter
- Exclusive bumper guard edging with reinforced vinyl protects cylinders while providing extra grip
- Heavy-duty support straps, rated at 1138-lb, feature steel cinch buckle and hold cylinders securely
- Powder-coated steel parts
- Carts include upper and lower brackets for added support and security
- Mobile stands—suitable for over-the-road gas-cylinder transportation. Locking collar and post system adds vise-like holding capability. Use of safety cylinder caps ensures DOT compliance. Locking post extends up to 66-in (1677-mm) in height.
- Order model 35366 to get heavy-duty size 2/0 chain(s) with twist link for highest level of safety on any installation



Model 35286 cylinder stand features a locking collar and post system to immobilize cylinder for safe over-the-road transport.



Cylinder Capacity	Max Cylinder Diameter in/mm	Type	Locking Post(s)	H x W x D	Straps Per Cylinder	Approv/Lstg Regulation	Weight Capacity lb/kg	Model
4	12/305	Cart	—	72 x 18 x 13.75 in (1829 x 457 x 349 mm)	2	O, C, G, A	1600/726	35056
6	12/305	Cart	—	72 x 18 x 13.75 in (1829 x 457 x 349 mm)			2000/907	35058
1	10/254	Stand	Yes	41 x 16.25 x 10.5 in (1041 x 413 x 267 mm)	2	O, C, G, A	—	35286
2	10/254	Stand	Yes	41 x 27.75 x 10.5 in (1041 x 705 x 267 mm)			—	35292

### Extra Accessories for Gas-Cylinder Carts and Mobile Stands

Description	Model
Chain, one-piece, 41 in (1041 mm) long	35366



## Aluminum Cylinder Lockers

**No rust solution—100% welded aluminum construction won't rust, corrode or discolor**

- Heavy gauge, 0.065-in (1.65-mm) thick aluminum mesh and extruded (not bent) frame add rigidity to these cylinder lockers
- Solid roof panel slopes to back to shed water and ice
- Ships fully assembled—saves set-up time
- Wire mesh sides prevent dangerous buildup of flammable gases
- Thick metal panels and welded security lug (order padlock separately) on front panel deter tampering.
- Includes four labels—two warning and full/empty cylinder identification
- Lockers meet NFPA 58 for LPG storage and OSHA 1910.110 regulations. LPG vertical lockers (see next page) also comply with Canadian Standards Association CSA-B149.2



Durable, weather resistant aluminum construction offers long-lasting, safe storage of LPG and compressed gas-cylinders.



23007



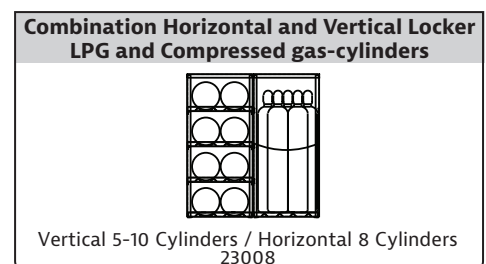
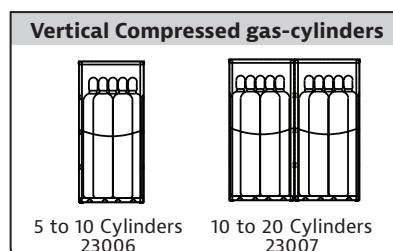
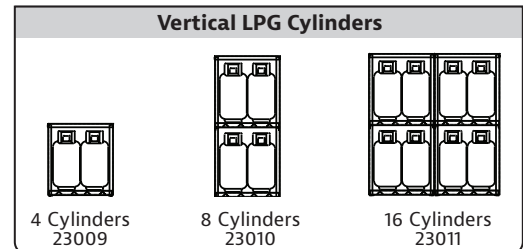
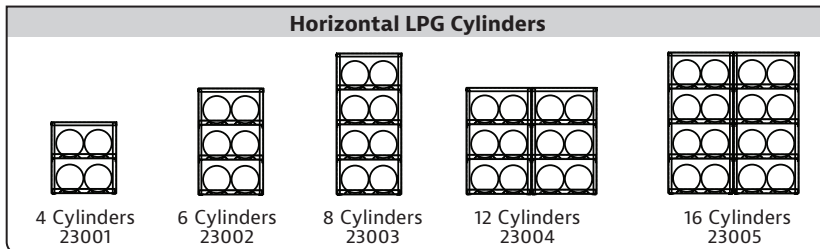
23006



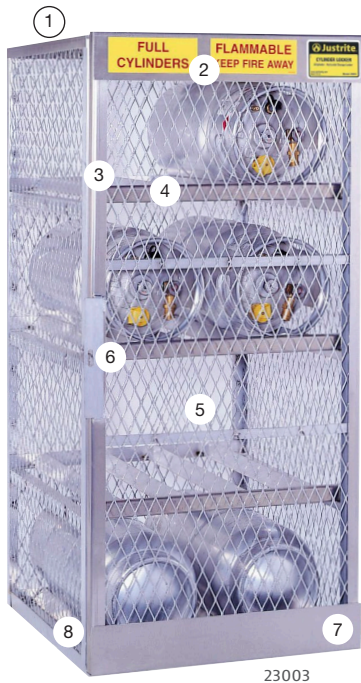
23005



23003







23003

1. Sloped roof design sheds water and ice. Solid top reinforces stability
2. Includes warning and identification labels
3. Extruded 0.125-in (3-mm) thick, heavy aluminum framework provides superior strength
4. Easy-to-use rack positions cylinders securely and stores 20- and 33-lb (9- and 15- kg) cylinders
5. Heavy, expanded, 0.065-in (1.65-mm) thick aluminum mesh panels and all-welded construction resist abusive outdoor elements—won't rust or discolor
6. Padlock lug for security
7. A pre-drilled hole at each corner accepts 0.5-in (12.7-mm) anchor bolts
8. Cylinders stay clear of ground with heavy-duty bottom rack on horizontal locker or strong floor plate on vertical storage locker



23010



23008



23009



23011

Aluminum Cylinder Lockers (continued)

Description	Cylinder Type	Capacities	Exterior H x W x D	Racks	Model	
4-cylinder horizontal	LPG	Four 20 or 33 lb cylinders (9 or 15 kg)	33.5 x 30 x 32 in (851 x 762 x 813 mm)	1	23001	
6-cylinder horizontal		Six 20 or 33 lb cylinders (9 or 15 kg)	49.5 x 30 x 32 in (1257 x 762 x 813 mm)	2	23002	
8-cylinder horizontal		Eight 20 or 33 lb cylinders (9 or 15 kg)	65 x 30 x 32 in (1651 x 762 x 813 mm)	3	23003	
12-cylinder horizontal		Twelve 20 or 33 lb cylinders (9 or 15 kg)	49.5 x 60 x 32 in (1257 x 1524 x 813 mm)	4	23004	
16-cylinder horizontal		Sixteen 20 or 33 lb cylinders (9 or 15 kg)	65 x 60 x 32 in (1651 x 1524 x 813 mm)	6	23005	
4-cylinder vertical		Four 20 or 33 lb cylinders (9 or 15 kg)	33.5 x 30 x 32 in (851 x 762 x 813 mm)	—	23009	
8-cylinder vertical		Eight 20 or 33 lb cylinders (9 or 15 kg)	65 x 30 x 32 in (1651 x 762 x 813 mm)	1	23010	
16-cylinder vertical		Sixteen 20 or 33 lb cylinders (9 or 15 kg)	65 x 60 x 32 in (1651 x 1524 x 813 mm)	2	23011	
10-cylinder vertical		Compressed gas	Up to 10 cylinders	65 x 30 x 32 in (1651 x 762 x 813 mm)	—	23006
20-cylinder vertical			Up to 20 cylinders	65 x 60 x 32 in (1651 x 1524 x 813 mm)	—	23007
Combo horizontal & vertical	LPG & compressed gas	Up to 8 horizontal and 10 vertical cylinders	65 x 60 x 32 in (1651 x 1524 x 813 mm)	3	23008	



# Safety is Non-Negotiable

Never compromise on safety when handling and storing compressed gas cylinders!

Gas cylinders are heavy and awkward to move. Improper handling could result in accidents, ranging from broken bones, back strains, facial injuries, bruises, and sprains or fractures.

A broken valve could expose a worker to a harmful environment causing burns, smoke inhalation or gas poisoning. It can also quickly turn the cylinder into a powerful rocket or devastating torpedo.



## Minimize your risk.

Get proper training and never settle for inferior equipment when transporting industrial, medical, and commercial gases. Use quality Justrite® heavy-duty steel products to safely move and store heavy cylinders and avoid serious injuries.

- Zero-lift height, exclusive one-piece 11-gauge floor plate with safety fins
- Durable poly straps tested to 1138-lb (516-kg)
- Exclusive bumper guard edging



Visit [Justrite.com](https://www.justrite.com) for a full range of gas-cylinder handling equipment, including hand carts, barricade racks, forklift pallets, brackets and more—all specifically designed to offer optimum protection and reduce the chance of an incident.

