

SAVE TIME AND MONEY - SAFE, EASY TO USE

Tiltable Nitrogen and Oxygen Four Cylinder Transport Carts PATENTED

The tiltable cart features an innovative "operator assistance system" that greatly eases the movement of the cylinders from the vertical to horizontal position making loading and unloading a single person job.

Standard Features:

- Easy, one person loading and unloading of cylinders, no muscle strains from picking up cylinders
- Meets OSHA and EU-OSHA requirements for one person cylinder lifting
- Extremely easy rotation to horizontal in use position
- Extra secure locking pivot point
- Narrow width and low profile allows unit to fit through a doorway and under most wings
- Enhanced maneuverability in tight spaces near aircraft
- Holds 4 domestic or international gas cylinders from 9" to 9 3/4" diameter up to 60" long (cylinders not included)
- Temperature range 0° to 200° F (17.7° to 93.3° C)
- Operating instructions located on instrument panel
- Convenient hose and aircraft connection fitting storage
- Sturdy welded steel construction
- 13 in (33 cm) diameter 85 psi (5.9 bar) pneumatic tires
- Front wheels lock with towbar in upright position
- Towbar with 2 3/16 in (5.6 cm) ID eyebolt
- Maximum towing speed 10 mph (16 km/hr)
- Easy and affordable to convert from an existing Tronair cart
- CE Compliant
- Finish: Durable Power Coat Skydrol Resistant



Accessories:

OXYGEN:

- PC-1124** - 200 cu ft certified cylinder (empty)
- K-4313** - Nitrogen booster drive kit for remote operation
- 20-4524-0000** - To convert an existing Tronair unit to a tiltable cart

NITROGEN:

- PC-1107** - 300 cu ft certified cylinder (empty)
- 18-4316-0000** - To convert an existing Tronair unit to a tiltable cart

Tiltable Nitrogen and Oxygen Four Cylinder Transport Carts With Booster

Cart with Oxygen Booster

Standard Features: Model: 20-4523-0000

- High pressure regulator 15 to 2,500 psi (1 to 172 bar)
- Certified gauges traceable to N.I.S.T. standards
- Shop air required 80 cfm (37.8 lps) at 90 psi (6.2 bar)
- 15 ft (4.6 m) #4 JIC female swivel connector output hose
- In-line 15 micron nominal filter
- Booster automatically shuts down when aircraft reaches set pressure
- Finish:
 - Durable Powder Coat Green - **20-4523-0000**
 - Durable Powder Coat Tronair Blue - **20-4523-0000SP**

Cart with Nitrogen Booster

Standard Features: Model: 18-4315-0000

- High pressure regulator 25 to 4,000 psi (1.7 to 276 bar)
- Certified gauges traceable to N.I.S.T. standards
- Low pressure regulator 0 to 500 psi (.2 to 34.5 bar)
- 15 ft (4.6 m) #4 JIC female swivel connector output hose
- Booster automatically shuts down when aircraft reaches set pressure
- Four CGA-580 pigtail connectors
- Finish: Durable Powder Coat Tronair Blue

Tilttable One Cylinder Transport Cart

The tilttable cart features an engineered operator assistance system that controls the movement of the cylinders from the horizontal to vertical position making loading and unloading a single person job.

Standard Features:

- Oxygen Low Pressure Check Cart delivers low pressure regulated nitrogen gas to test the aircraft oxygen system
- One person loading and unloading
- Narrow width and low profile allows unit to fit through a doorway
- Safe to use, no muscle strains from picking up cylinders
- Oxygen cleaned regulator and system
- Hose manifold to connect bottles with CGA-580 fittings
- Low pressure regulator 0 to 500 psi (.2 to 34.5 bar) certified gauge with 40 ft (12 m) #4 output hose
- Temperature range 0° to 200° F (17.7° to 93.3° C)
- Holds one 9 inch (23 cm) diameter nitrogen cylinder (cylinder not included)
- Sturdy welded steel construction
- Front wheels lock with towbar in upright position
- Towbar with 2 3/16 in (5.6 cm) ID eyebolt
- Hose storage compartment
- Maximum towing speed 10 mph (16 kph)
- 13 in (33 cm) pneumatic tires
- Reflectors to improve night visibility
- Convenient hose storage
- CE Compliant
- Finish: Durable Power Coat Orange



Accessory:

PC-1107 - 200 cu ft certified nitrogen cylinder (empty)



20-4521-9000
(cylinders sold separately)

Specifications:

| Model Number | Booster | Cylinder Capacity | Length (towbar up) in (cm) | Width in (cm) | Height (towbar up) in (cm) | Weight (with empty cylinders) lb (kg) |
|--------------|----------|-------------------|----------------------------|---------------|----------------------------|---------------------------------------|
| 18-4315-0000 | Nitrogen | 4 | 92.8 (235.7) | 35.8 (91) | 46.7 (118.6) | 970 (440) |
| 18-4316-0000 | NA | 4 | 92.8 (235.7) | 35.8 (91) | 46.7 (118.6) | 930 (422) |
| 18-4317-0000 | NA | 1 | 80.7 (205) | 28.5 (72) | 46.75 (119) | 170 (77) |
| 20-4523-0000 | Oxygen | 4 | 92.8 (235.7) | 35.8 (91) | 46.7 (118.6) | 970 (440) |
| 20-4524-0000 | NA | 4 | 92.8 (235.7) | 35.8 (91) | 46.7 (118.6) | 930 (422) |
| 20-4521-9000 | NA | 1 | 80.7 (205) | 28.5 (72) | 46.75 (119) | 170 (77) |

ATTENTION non-North American customers Tronair supplies a standard CGA cylinder connector that will ONLY connect to a North American gas cylinder. Non-North American customers can purchase specific fittings from the International Gas Cylinder Connector Chart or must provide their local gas cylinder connection to ensure proper fit.

International Gas Cylinder Connector Chart: one fitting and one check valve per bottle is required

| Country | Nitrogen Part Number | Oxygen Part Number | Country | Nitrogen Part Number | Oxygen Part Number |
|--------------------------------------|----------------------|--------------------|------------------------------------|----------------------|--------------------|
| Austria | PC-1162 | PC-1178 | Qatar | PC-1160 | PC-1177 |
| France | PC-1166 | PC-1180 | Switzerland | PC-1162 | PC-1178 |
| Germany | PC-1162 | PC-1178 | UAE | PC-1160 | PC-1177 |
| Italy | PC-1168 | PC-1181 | UK | PC-1160 | PC-1177 |
| Poland | PC-1162 | PC-1178 | | | |
| Nitrogen Check Valve: PC-1151 | | | Oxygen Check Valve: PC-1152 | | |

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