



PRORACK

Cradle and Manifold Systems

Designed for high pressure compressed gas cylinders
6, 12, 16 & 18 pack configurations



Exclusively available from

CRAMERDECKER
INDUSTRIES

PRORACK
TITAN

PRORACK
BRUT

PRORACK
HERCULES

PRORACK
GOLIATH

PRORACK
ZEUS

PRORACK
MEDUSA

The largest offering of highly engineered, extremely durable cradle and manifold systems by ProRack.

ProRack, exclusively available from Cramer Decker Industries, has been manufacturing the widest variety of cradle and manifold systems for the industrial and specialty gas markets for over 30 years. ProRack's product expertise and consistent industry participation has resulted in the largest selection of products with more units in service than any single manufacturer. ProRack offers secure cylinder transport and the safest cylinder storage available.

The PRORACK line offers 6, 12, 16 & 18 cylinder cradle & manifold systems to provide the high volume gas user the convenience of multiple cylinder hook up where stationary manifold systems are not practical. PRORACK cradle systems are field tested and are proven to be the most compact and safest method of handling cylinders. All ProRack cradles are manufactured to the industry highest standards. Every MEDUSA manifold is engineered for reliability, ease of use and maximum safety.

Outstanding ProRack Benefits:

- Unique design elements with the widest product offering.
- Heavy duty rugged construction and engineered to exacting standards.
- Manufactured with computer automated equipment insuring consistency.
- ProRack offers secured cylinder transport and the safest storage in the industry.
- ProRack cradle models are available up to 25 cylinder capacity.
- 10 year hydro exemption models available.
- MEDUSA manifolds are engineered, manufactured and cleaned to the highest industry standards.
- All MEDUSA manifolds meet CGA specifications in construction and cleanliness.
- Sell more gas per delivery, less cylinder handling, save time and increase profits.
- Many cradle and manifold configurations are available from stock for immediate shipment.

PRORACK TITAN



The ProRack TITAN is the industry flag ship cradle system with patented retractable inline cartridge wheel system included. The ProRack Titan is loaded with options covering safety, ease of use and versatility. The Titan can be easily converted from a skid to a wheel system by raising or lowering the proprietary cartridge wheels. This unique feature offers the highest level of safety. The overall cradle is constructed from heavy duty materials with all structural welds visible meeting DOT ten year exemption requirements. All units are stocked powder coated or galvanized for extra protection. The TITAN has a wide variety of manifold options from the MEDUSA line.



PRORACK ZEUS



The ProRack Zeus is our latest cradle system with the popular new perimeter frame design meeting DOT ten year exemption requirements. The ZEUS has all the options included in a lightweight, economical cradle package. The Zeus has multiple pick points by crane and fork lift truck, includes protective frame with enclosed manifold cover, document holders and double cylinder restraint features to name a few. The Zeus has a wide variety of manifold options from the MEDUSA line.



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for more information on TITAN cradle systems

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for more information on ZEUS cradle systems

MEDUSA

The MEDUSA manifold line is by far the most advanced offering available. The MEDUSA line includes a highly technical specialty gas manifolds designed exclusively with stainless steel and monel for the critically pure, toxic and highly corrosive gases to a simple range of economical brass block manifold systems for industrial gases. The MEDUSA line of product offers many cylinder lead connections including copper, stainless rigid tubing, and many variations of flexible hoses meeting all customer specification requirements. All MEDUSA manifolds are designed to work in conjunction with the entire ProRack series and can be adapted to all other customer specific cradle systems on the market.

Special Order Manifold Series

Description: MEDUSA's specialty gas manifolds can be constructed customer specific using stainless steel or monel material and with many pigtail and hose options. Customers have the option of standard header valves, residual pressure valves, standard diaphragm and tied diaphragm. Hose ends can be standard brass CGA or high purity stainless steel DISS connections.

906 and 912 Series

Description: MEDUSA's economic 3/4" brass pipe manifolds with rigid, preformed copper pigtails.

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for more information on MEDUSA manifolds

BK6 and BK12 Series

Description: MEDUSA's exclusive 3/4" Block Manifolds are available in 6 and 12 port designs and accept common 3/4" header valves for a wide residual pressure valve offering.

916 and 922 Series

Description: MEDUSA's 3/4" brass pipe manifolds with replaceable rigid copper pigtails.

926 and 932 Series

Description: MEDUSA's 3/4" brass pipe manifolds with replaceable flexible stainless steel hoses.

PRORACK HERCULES



The ProRack HERCULES is a heavy duty cradle system with fast set up time, and the ability to load uneven cylinder heights individually without complete disassembly. All cylinders and manifold systems are exposed for easy access and identity. Systems are available with standard casters, in line wheel systems and skid configurations. The HERCULES is a proven winner with thousands in service to date. Hercules has a wide variety of manifold options from the MEDUSA line.

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for more information on HERCULES cradle systems

PRORACK BRUT



The ProRack BRUT is likely the most popular cradle system used for years with more units in service than any other design available. The Brut is very simplistic in design delivering the most economical cradle system to the customer available. Options include protective covers and a wide variety of manifold choices for all applications.

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for more information on BRUT cradle systems

PRORACK GOLIATH



The ProRack GOLIATH, available in 15, 16, 18 and 25 cylinder configurations is perfect for the largest gas consumers, and more important at remote customer locations where trips are not practical on a daily schedule. The Goliath is often specified for offshore projects and ocean going vessels. The heavy duty steel structure is designed to protect the cylinders on all sides. Cylinders are clamped in with steel bar for minimal movement. ProRack Goliath models can be moved by fork lift or crane.

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for more information on GOLIATH cradle systems

Cylinder Pallets and Customer Specific Projects

ProRack's expertise designing industry leading cradle systems combined with our large volume manufacturing allows us to competitively bid any cradle and pallet system on the market. Let ProRack engineers solve your cylinder handling needs. We will take you from concept designs, samples to production rapidly to keep your fleet in motion.



PRO RACK TITAN

ProRack unveils the TITAN, our flagship cradle with a patent pending cartridge wheel system allowing the wheels to easily disappear. The TITAN can be demobilized in minutes. The TITAN offers safety not yet seen in the gas industry. The TITAN will encourage fill plant technicians to move the cradle with lift truck assistance, yet allow customers to roll the TITAN easier than any cradle system. The TITAN's inline wheel system allows the cradle to spin on its own axis with the EZ grab handles. Just as important, the TITAN meets requirements for DOT ten year exemption permits for cylinder gas packs. The TITAN is designed with external welds making all joints visible for inspection before sending to service. The ProRack TITAN's allow the gas supplier to keep the cradle in service for the cylinder life after hydrostatic test. The ProRack TITAN is loaded with features and is raising the bar in cylinder cradle systems.

TITAN SERIES CRADLE SYSTEM FEATURES

- Cartridge wheel system allows easy demobilization.
- Six Inline wheels allow turning on its own axis.
- Low profile wheels track safely over uneven surfaces.
- Multiple pick up points on top and bottom.
- Crane eye tabs, four point lifting system.
- Double sided cylinder restraints.
- All visible external welds for easy inspection.
- EZRoll safety grab handle is standard.
- Strip-free cylinder locking bolts are standard.
- Built-in protective manifold cover.
- Powder coating is standard.
- Designed to handle up to 244-300 CuFt cylinders. Units available for cylinders 8.75 - 9.5 and 9.5 - 10.5 diameter.
- Many MEDUSA manifolds are available to meet all customer applications.

PRORACK CRADLE OPTIONS

- Fork lift only palletized systems available.
- Non-retractable inline wheels available.
- Standard steel casters are available.
- Black powder coating is standard, color choices available.
- Galvanizing & spray enamel available.



Part Number CPID-12C
Black powder coated 12 pack TITAN with retractable wheel system.



Part Number CPID-6C
Black powder coated 6 pack TITAN with retractable wheel system shown with a 906 Series MEDUSA manifold system. (Cylinders not included).



FIELD INSTALLED FOOT BRAKE – Add a simple foot pedal floor brake system to your retractable wheel 6 & 12 pack TITAN systems. The floor brake system will not interfere when the TITAN is rolling or in skid configuration.



TITAN Cradle Ordering Chart

Part Number	Description	Width	Depth	Height	Weight (lbs)
CPID-6C	TITAN 6 pack, retractable wheel system	32 1/8"	22 3/8"	80"	285
CPID-6C-NR	TITAN 6 pack, inline wheel system with brakes	32 1/4"	22 1/2"	75 1/2"	254
CPID-6C-CA	TITAN 6 pack, standard steel casters with brakes	32 1/2"	22 5/8"	80"	245
CPID-6A	TITAN 6 pack, fork lift only	32"	22 3/8"	75"	209
CPID-12C	TITAN 12 pack, retractable wheel system	41 1/2"	32 3/8"	80"	528
CPID-12C-NR	TITAN 12 pack, inline wheel system with brakes	41 1/2"	32 1/8"	78"	463
CPID-12C-CA	TITAN 12 pack, standard steel casters with brakes	41 5/8"	32 3/8"	80"	429
CPID-12A	TITAN 12 pack, fork lift only	41 5/8"	32 3/8"	75"	443

TITAN Cradle Ordering Chart for Standard Galvanized Stocked Units

Part Number	Description	Width	Depth	Height	Weight (lbs)
CPID-6C-GA	Galvanized TITAN 6 pack, retractable wheel system	32 1/4"	22 3/4"	80"	308
CPID-12C-GA	Galvanized TITAN 12 pack, retractable wheel system	41 5/8"	32 3/8"	80"	586



Part Number CPID-12A-GA
Galvanized 12 pack TITAN with forklift channels.
Perfect for corrosive environments.



REMOVE PINS

LOWER WHEELS

SECURE PINS

INLINE WHEEL SYSTEM

The PRORACK standard inline wheel system allows users to turn the TITAN on its own access. Inline wheel systems have a low profile 6 wheel system offering safer mobility over standard four caster systems. The ProRack non-retractable inline wheel system includes a user friendly wing brake system.



STEEL CASTER WHEEL SYSTEM

The standard caster design includes two rigid steel casters and two swivel casters with brakes.



FORK LIFT SYSTEM

The TITAN with fork lift channels only is designed to be moved with lift trucks and cranes only. Perfect for offshore, ocean going vessels or locations where wheels can't be utilized.



PRORACK ZEUS

The ProRack Zeus is the latest and most competitive cradle system with the popular new perimeter frame design meeting DOT exemption requirements added to the line. The ZEUS has all the major features as the TITAN such as multiple pick points, black powder coating, secure cylinder restraints, protective cover and wheel options to name a few. The Zeus has a wide variety of manifold options from the MEDUSA line.

ZEUS SERIES CRADLE SYSTEM FEATURES

- Standard model is supplied with a four wheel caster system with brakes.
- Six Inline wheel options allow turning on its own axis.
- Multiple pick points on all Zeus systems.
- Crane eye tabs, four point lifting system.
- Two single side, cylinder restraint systems.
- All visible external welds for easy inspection.
- EZ Roll safety grab handle is standard.
- Built-in protective manifold cover.
- Powder coating is standard.
- Designed to handle up to 244-300 CuFt cylinders. Units available for cylinders 8.75 - 9.5 and 9.5 - 10.5 diameter.
- MEDUSA manifolds are available to meet all customer applications.

PRORACK CRADLE OPTIONS

- Special order fork lift only palletized systems available.
- Non-retractable inline wheels available.
- Black powder coating is standard, color choices available.
- Galvanizing & spray enamel available.



Part Number CG-12C
Black powder coated 12 pack Zeus with standard steel casters.



Part Number CG6C-926-580
Standard ZEUS 6 pack with 926 series manifold installed.



INLINE WHEEL SYSTEM WITH WING BRAKE

All ProRack cradles ordered with inline wheel system include an easy to operate foot brake.



Part Number CG-12A
12 pack Zeus with fork lift system.

ZEUS Cradle Ordering Chart

Part Number	Description	Width	Depth	Height	Weight (lbs)
CG-6C	ZEUS 6 pack, with standard steel casters	29"	19"	80"	213
CG-6C-NR	ZEUS 6 pack, inline wheel system with brakes	29"	19"	79"	194
CG-6A	ZEUS 6 pack, fork lift only	29"	19"	75"	181
CG-12C	ZEUS 12 pack, with standard steel casters	38 3/4"	28 1/2"	80"	336
CG-12C-NR	ZEUS 12 pack, inline wheel system with brakes	38 3/4"	28 1/2"	76"	335
CG-12A	ZEUS 12 pack, fork lift only	38 3/4"	28 1/2"	71"	320

PRORACK HERCULES

The ProRack Hercules is another industry proven cradle, with thousands in service nationwide for decades. The ProRack Hercules not only hauls cylinders – it has more features than competitive systems offering the most value and safety available. Features such as the EZGRAB handles, strip free cylinder bolt system, unique fork lift / crane eye combos and semi-steel casters to name a few. All Hercules cradles are designed to accept MEDUSA 3/4" brass pipe manifolds.

HERCULES SERIES CRADLE SYSTEM FEATURES

- Heavy duty rugged design.
- Quick set up time.
- Install variable cylinder heights.
- Available in 6 & 12 cylinder systems.
- Unique forklift channel / crane lifting eye combo is standard.
- EZRoll safety grab handles are standard.
- Strip-free cylinder locking bolts are standard.
- Durable protective welded cover is standard.
- Adjustable height manifold bracket to accept 3/4" pipe manifolds is standard.
- 6" 1400lb low profile semi-steel casters are standard. Phenolic wheels are available.
- Designed to handle up to 244-300 CuFt cylinders. Units available for cylinders 8.75 - 9.5 and 9.5 - 10.5 diameter.

PRORACK CRADLE OPTIONS

- Fork lift only models.
- In-line six wheel system models.
- Larger 8" steel casters.
- Black enamel is standard, other colors available.
- Galvanizing and powder coating available.



Part Number CT-6C-HD

Black enamel coated 6 pack HERCULES with MEDUSA 906 Series brass manifold system. (Cylinders not included).



Part Number CT-6C-HD

6 Pack Hercules with standard wheels.



Part Number CT-12C-HD

Black enamel coated 12 pack HERCULES with standard steel casters.

Hercules Cradle Ordering Chart

Part Number	Description	Width	Depth	Height	Weight (lbs)
CT-6C-HD	Hercules 6 pack, with standard casters	32"	21 1/4"	79"	278
CT-6A-HD	Hercules 6 pack, fork lift only	32"	21 1/4"	74"	278
CT-12C-HD	Hercules 12 pack, with standard casters	41"	32"	79"	369
CT-12A-HD	Hercules 12 pack, fork lift only	41"	32"	74"	369



PRORACK BRUT

PRORACK BRUT SYSTEMS OUTSTANDING BENEFITS:

- Compact lightweight simple design.
- Lowest cost cradle available on the market.
- Manifold mounts simply to cradle frame top with 3/4" clamps.
- Two swivel & two rigid casters for easy movement.
- Designed to handle up to 244-300 CuFt cylinders.
- The BRUT is constructed with heavy duty materials for superior strength & durability yet are designed light to be very portable.

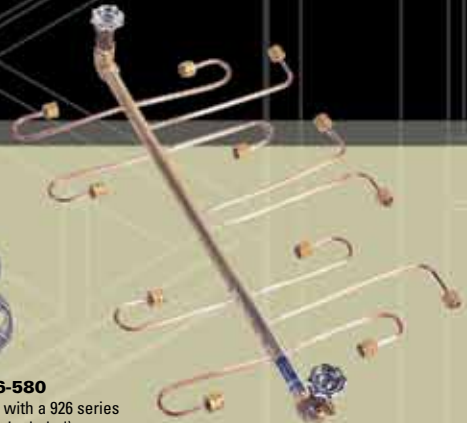
PRORACK CRADLE OPTIONS

- Two cover options; solid cover & frame guard.
- Casters with brakes.
- Phenolic casters for smoother rolling action.
- Enamel color of choice. Galvanizing and powder coating is available.

The ProRack BRUT cradle systems are the original and most economical option to provide your customers multiple cylinder hook up supplying your large volume gas users uninterrupted supply. The ProRack BRUT is industry proven with more units in service than any other cradle system. The design is very simple and includes a top and bottom secured by four extra strong threaded rods. The top and bottom secure the cylinders by "sandwiching" the cylinders by tightening the bolts on the all threaded rods. BRUT cradle tops are available as standard, and with protective cover and frame guard options giving the user total manifold protection. A wide selection of MEDUSA manifolds are available for use with the BRUT cradle systems.



Part Number CT6C-926-580
Standard BRUT cradle system with a 926 series manifold system (Cylinders not included).



BRUT Cradle Ordering Chart

Part Number	Description	Width	Depth	Height*	Weight (lbs)
CT-6C	Brut 6 pack, with standard steel casters	20"	28 3/4"	74"	150
CT-6C-PC	Brut 6 pack with protective cover, steel casters	20"	28 3/4"	84"	185
CT-6C-FG	Brut 6 pack with frame guard protection, steel casters	20"	28 3/4"	84"	165
CT-12C	Brut 12 pack, with standard steel casters	28 3/4"	38 1/2"	74"	200
CT-12C-PC	Brut 12 pack with protective cover, steel casters	28 3/4"	38 1/2"	84"	250
CT-12C-FG	Brut 12 pack, frame guard protection, steel casters	28 3/4"	38 1/2"	84"	230

*Height is determined by cylinder height.



Part Number CT-6C
Standard BRUT cradle system (Cylinders not included).



Part Number CT-6C-PC
Standard BRUT cradle system protective cover (Cylinders not included).



Part Number CT-6C-FG
Standard BRUT cradle system protective frame guard (Cylinders not included).

Brut Retro-TOP



Simple to install

- Remove original threaded rod nuts
- Disconnect manifold system
- Slide Retro-TOP over threaded rods
- Secure original threaded rod nuts
- Re-install original manifold system



Part Number CT-6RTOP
6 Pack RetroTOP

Part Number CT-12RTOP
12 Pack RetroTOP

All ProRack Brut cradles include:

- 1 Cradle bottom with four casters
- 1 Cradle top with crane eye
- 2 sets of manifold clamps
- 4 nuts, 4 washers, 4 threaded rods

PRORACK GOLIATH

The ProRack Goliath is available in 15, 16, 18 & 25 cylinder configurations. The Goliath pallet and manifolds systems are perfect for your largest gas users and remote customer locations where trips are not practical on a daily schedule. Used often on offshore projects and ocean going vessels. Heavy duty steel structure is designed to protect the cylinders on all sides. Cylinders are clamped in with steel bars for minimal movement. Pallet racks can be moved with fork lift through fork lift channels or with crane with the crane eye.



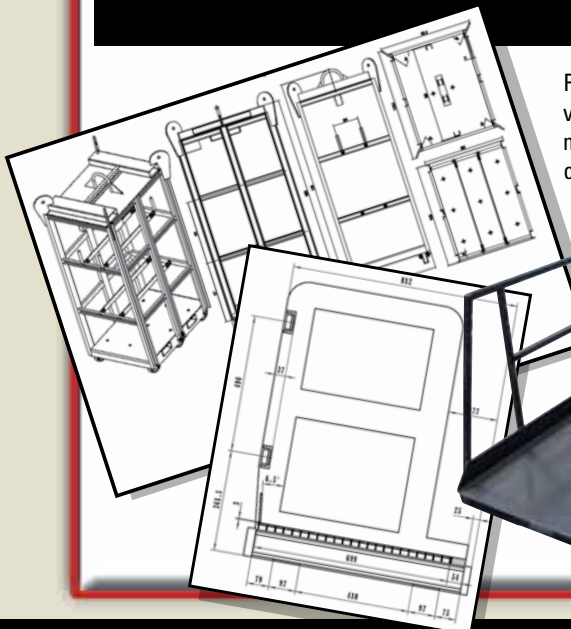
GOLIATH Cradle Ordering Chart

Part Number	Description	Width	Depth	Height
CT16A	16 Cyl Pallet Rack Only, No Manifold	40 1/2"	40 1/2"	87"
CT25A	25 Cyl Pallet Rack Only, No Manifold	51 1/2"	51 1/2"	87"

PRORACK HEAVY DUTY CYLINDER PALLETS

PRORACK PALLET

ProRack's expertise designing industry leading cradle systems combined with our large volume manufacturing allows us to competitively bid any cradle and pallet system on the market. Let ProRack engineers solve your cylinder handling needs. We will take you from concept designs, samples to production rapidly to keep your fleet in motion.





The MEDUSA manifold line is by far the most advanced offering available. The MEDUSA line includes highly technical specialty gas manifolds designed exclusively with stainless steel and monel for the critically pure, toxic and highly corrosive gases to a simple range of economical brass block manifold systems for industrial gases. The MEDUSA manifold line offers many cylinder lead connections including copper, stainless rigid tubing, and many variations of flexible hoses meeting all customer specification requirements. All MEDUSA manifolds are designed to work in conjunction with the entire ProRack series and can be adapted to all other customer specific cradle systems on the market.

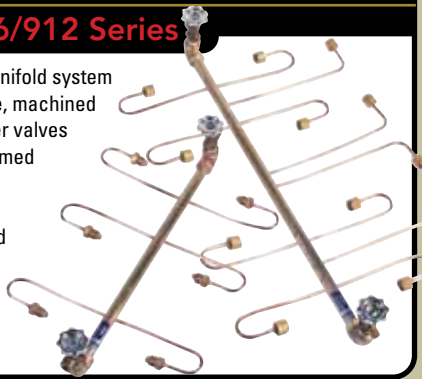
MEDUSA MANIFOLDS SYSTEMS OUTSTANDING BENEFITS:

- Highest quality manifolds using globally approved components.
- Manifolds are available in brass, stainless steel and monel.
- Manifolds are available for 3000, 4500 and 6000PSI service pressures.
- 100% pressure testing on all manifolds
- Broad selection of manifold configurations are available for all ProRack cradle systems.
- Medusa manufacturer's manifolds for industrial, medical, specialty and high purity applications.
- Custom manifolds are available for any unique application.

Standard Brass Manifolds

906/912 Series

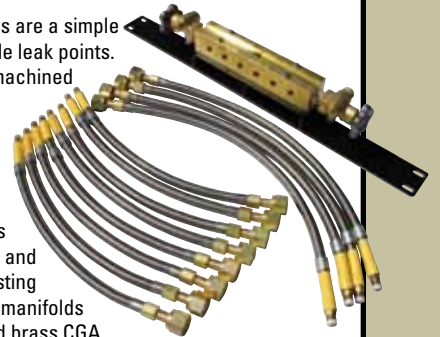
Medusa's most economical manifold system constructed with 3/4" brass pipe, machined brass elbows with brass header valves installed, brazed copper preformed pigtails and brass CGA fittings. Designed for 3000PSI service pressure and supplied standard with 4000PSI safety devices.



Block Manifolds with flexible pigtails

BK6/BK12 Series

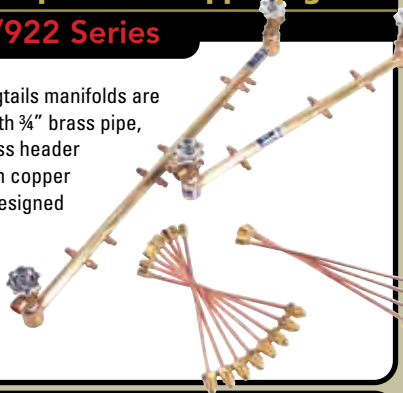
Medusa's proprietary block manifolds are a simple one piece design limiting any possible leak points. The Medusa block is economically machined with automated CNC equipment for consistent duplication. Constructed with heavy duty brass bar and machined with 3/4" header valve ports allows for a wide variety of service valves. All Medusa manifolds are supplied with mounting brackets and hardware to easily adapt to your existing TITAN and ZEUS cradle systems. All manifolds are supplied with flexible pigtails and brass CGA fittings. Designed for 3000PSI service pressure and supplied standard with 4000PSI safety devices.



Brass Manifolds with replaceable copper pigtails

916/922 Series

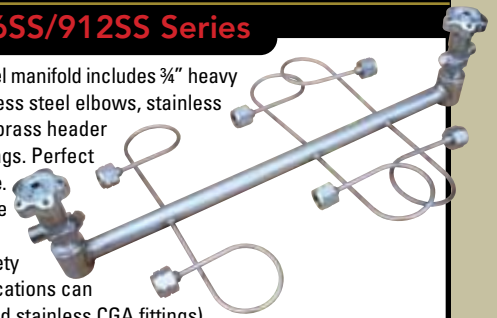
Medusa's replaceable copper pigtails manifolds are field serviceable. Constructed with 3/4" brass pipe, machined brass elbows with brass header valves installed and supplied with copper pigtails and brass CGA fittings. Designed for 3000PSI service pressure and supplied standard with 4000PSI safety devices.



Stainless Steel Manifolds

906SS/912SS Series

Medusa's 304 stainless steel manifold includes 3/4" heavy wall pipe, machined stainless steel elbows, stainless steel welded pigtails with brass header valves and brass CGA fittings. Perfect for use in hydrogen service. Designed for 3000PSI service pressure and supplied standard with 4000PSI safety devices. (High purity applications can specify stainless valves and stainless CGA fittings).



Brass Manifolds with flexible pigtails

926/932 Series

Medusa's flexible pigtail manifolds are the most versatile due to their flexibility. Constructed with 3/4" brass pipe, machined brass elbows with brass header valves installed and supplied with flexible stainless steel braided pigtails and brass CGA fittings. Designed for 3000PSI service pressure and supplied standard with 4000PSI safety devices.



Custom Manifolds





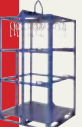
Customer Specific Series

Medusa's expertise in manifold construction enables our team to design and fabricate manifolds for any gas service including ultra high purity and corrosive applications from 3000 to 7500PSI service pressure. Customer specific manifolds for the ProRack line and other manufacturer cradles are quoted and produced in a timely manner. Call our customer care department to obtain information.





MANIFOLD ORDERING CHART

	Brass Pipe Manifold Copper Pigtails	Brass Pipe Manifold Replaceable Copper Pigtails	Brass Pipe Manifold Flexible Pigtails	Brass Block Manifold Flexible Pigtails	Stainless Steel Manifold with Rigid Stainless Pigtails
	906/912 Series	916/922 Series	926/932 Series	BK6/BK12 Series	906SS/912SS Series
PRO RACK TITAN 	6 PACK 906-XXXIN	6 PACK 916-XXXIN	6 PACK 926-XXXIN	6 PACK BK6-XXX	6 PACK 906SS-XXXIN
	12 PACK 912-XXXIN	12 PACK 922-XXXIN	12 PACK 932-XXXIN	12 PACK BK12-XXX	12 PACK 912SS-XXXIN
PRO RACK ZEUS 	6 PACK 906-XXXIN	6 PACK 916-XXXIN	6 PACK 926-XXXIN	6 PACK BK6-XXX	6 PACK 906SS-XXXIN
	12 PACK 912-XXXIN	12 PACK 922-XXXIN	12 PACK 932-XXXIN	12 PACK BK12-XXX	12 PACK 912SS-XXXIN
PRO RACK HERCULES 	6 PACK 906-XXXW	6 PACK 916-XXXW	6 PACK 926-XXXW	6 PACK Not available	6 PACK 906SS-XXXW
	12 PACK 912-XXXW	12 PACK 922-XXXW	12 PACK 932-XXXW	12 PACK Not available	12 PACK 912SS-XXXW
PRO RACK BRUT 	6 PACK 906-XXX	6 PACK 916-XXX	6 PACK 926-XXX	6 PACK Not available	6 PACK 906SS-XXX
	12 PACK 912-XXX	12 PACK 922-XXX	12 PACK 932-XXX	12 PACK Not available	12 PACK 912SS-XXX
PRO RACK GOLIATH 	16 PACK 9016-XXX	16 PACK Not available	16 PACK RP16-XXX	16 PACK BK16-XXX	16 PACK RP16SS-580

Many manifold options are available for 15, 16, 18 and 25 Goliath cylinder pallet systems

Custom manifold systems are available with many options

Residual
Pressure
Valves



Stainless
Steel
Valves



Master
Manifold
Valves



Manifold
Gauges





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