

# Columbus JACK / Regent

"The Strength of Experience"



Global Supplier of Ground Support Equipment

# Columbus JACK / Regent

# **About Us**

In 2001 Columbus JACK was acquired by Quality Products, Inc., a company with extensive experience in the manufacturing of hydraulic machinery. In 2006 Regent Manufacturing's operations were relocated and consolidated with Columbus JACK in Columbus, OH.

Columbus JACK was founded in the early 1940s with most of its production going to the U.S. military to meet the demands of the Korean conflict. The need to consistently comply with the tough military standards created a culture product quality that has remained with the company to this day.

Regent has served the international aviation industry since 1929. Their customer list has included most of the world's airlines, airframe and aerospace manufacturing companies, as well as a number of military and government clients. Regent has participated in almost every major domestic and international aircraft and aerospace program since the beginning of World War II.

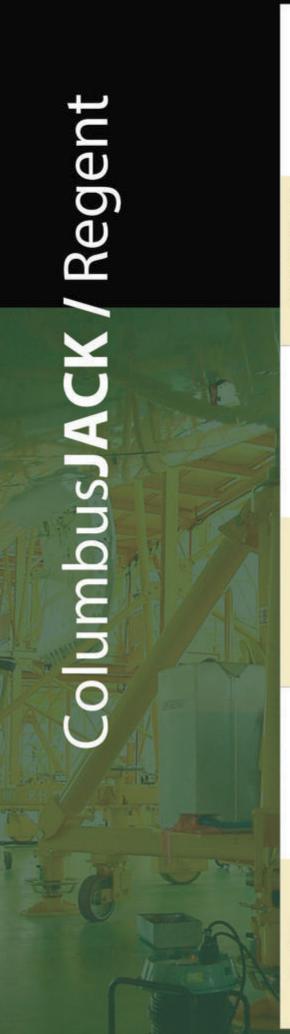
Today Columbus JACK/Regent is the largest supplier of hydraulic jacks to the U.S. Defense Department. Our line of ground support equipment has grown to service all kinds of commercial, business and civilian aircraft as well. The company's products are hard at work at airports and government installations around the world.













# **Hand Carry Axle Jacks**

Designed as a self-contained unit that is ideal for routine tire and brake changes. Features integral hand pump and relief valve. Jack is light-weight, easy to carry and position. Capacity 3-25 Tons.



## **Dolly Axle Jacks**

The powerful Alligator lets you lift up to 95 Tons. It is available in single acting or power retract cylinders with a wide choice of options. Capacity 35-95 Tons.



#### Cantilever Axle Jacks

Ideal for multiple flat tire changes. Features low profile jacking point, mechanical lock nut and several options. Capacity 45-95 Tons.



## **Tripod Jacks**

Available in various sizes. Features threaded rams with mechanical lock nuts and numerous options including air powered hydraulic pumps and more. Capacity 3-150 Tons.



# Fly-A-Way Axle Jacks

Designed for normal flat tire/wheel & brake replacements. Provides maximum capacity within a light weight and compact configuration for air transportability. Capacity 35-95 Tons.



# Portable Jacking System

Our 35 Ton Portable Axle Jack comes with the cylinder head separate from the pumping unit which allows the operator to use it in tight quarters and to be out from under the aircraft during operation.



# Nitrogen/Oxygen Carts

Includes low and high pressure gauges. Features four wheel stability, rear mounted axle jack towing capability and easy bottle installations. Towbar actualed parking brake.

Optional booster pump is available.



#### **Tire Bead Breakers**

Available for all aircraft tires and rim sizes. Features O-Ring seals and Teflon back-up rings for long life trouble free operation. Select from several styles. Capacity 2,000-60,000 pounds.



#### **Dollies for Wheels & Brakes**

Efficient one man operation for wheel or brake changes. Easy operation even with the heaviest wheels. Maneuverable, lightweight and sturdy with optional brake cradles and towbars. Capacity 600-800 pounds.



#### **Jack Test Cell**

This Test Cell Unit is designed for use on jacks equipped with standard 37 degree flare fittings to check power units, hydraulic lines and valves of tripod jacks.



## **Portable Floor Cranes**

Lifts heavy equipment, stabilizers, canopies, ejection seats, helicopter blades, radomes, external stores and other aircraft/helicopter components. Designed for ease of operation, rapid deployment and high reliability. Air transportable, highly maneuverable and self contained.



Rugged, simplified design permits higher net load capacities, at the same time insuring load protection under all transport conditions by virtue of the mixed springs rates involved in the combination of rails, frames and tires.







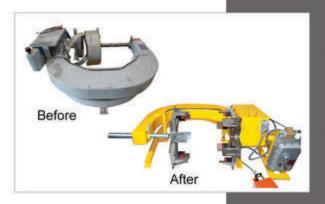
#### **Universal Jack Testers**

Test up to 125 Tons in any position. Cross beam supports an electrical hoist to raise and lower adjustable load beam. Load beam adjusts in increments of 8". Features an electronic digital read-out control. Power requirement: 110 VAC, 3 Phase, 50/60 Hz.

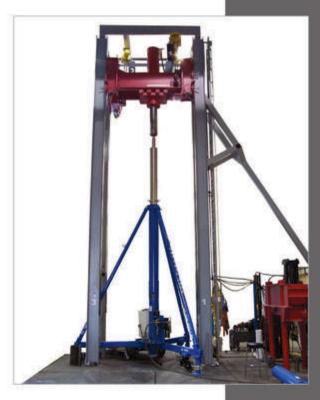


#### Towbars

Our Towbars are designed and built to meet or exceed the most demanding requirement of the International ground handling market. They withstand harsh environmental conditions, rugged use and provide many years of long and dependable service.







# **Repair & Overhaul**

Columbus JACK/Regent repair services can vary from simple seal replacements to a major overhaul. We have a technical staff that understands your problems and can offer on-the-phone, online or onsite technical assistance anywhere in the world.

Columbus JACK/Regent can repair, overhaul or refurbish ALL makes and models of jacks to a like-new-condition\* at our repair facility located in Ohio.

\*Must have a rebuildable core.

# Training

Columbus JACK/Regent provides the following training course, which can be scheduled upon request at our facility:

- \* Basic Hydraulics
- Preventative Maintenance
- Testing & Certification
- \* Operation
- Trouble-shooting

Our Course provides the right mix of hands-on experience and classroom learning. Participants are taught everything needed to maintain their equipment, minimizing risk of damage and maximizing return on investment. Courses can be designed to meet specific requirements.

#### **Test & Certification**

To ensure proper operation of all aircraft hydraulic jacks, each jack should be certified on an annual basis. To assist in the matter, we offer testing and certification of jacks at our Columbus, Ohio facility. For assistance call our service department.



With thousands of Columbus JACK/Regent products being in service for decades, we fully understand the importance of reliable spare parts availability. We maintain a large inventory of replacement components that can be shipped in 48 hours or less.

Be sure to have as much information about your equipment as possible, such as: model and serial numbers, because these are very important to assure we provide you with the correct replacement parts. Contact our sales/customer service department for pricing availability.



# **Quality Policy**

"Columbus JACK/Regent designs, manufactures, service and repairs products related to aircraft ground support equipment. Our management and employees are committed to meeting and exceeding the needs and expectations of our customers.

Customer satisfaction is our ultimate goal

We will accomplish this by complying with all customer, statutory, and regulatory requirements and continuous product and service improvement."



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