

# CHANT

*Chant Engineering Co. Inc.*

**TESTING MACHINERY FOR THE  
WIRE ROPE AND RIGGING INDUSTRY**

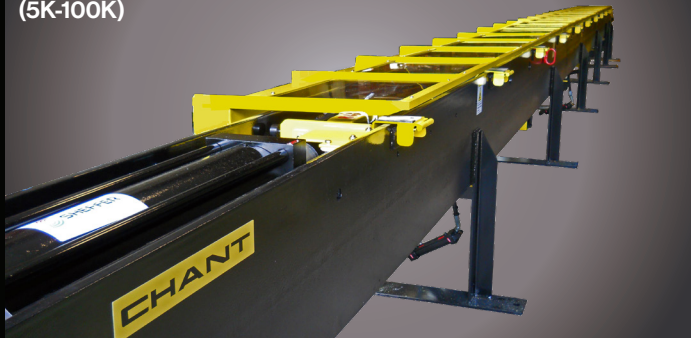


[www.chantengineering.com](http://www.chantengineering.com)

# TESTING MACHINES

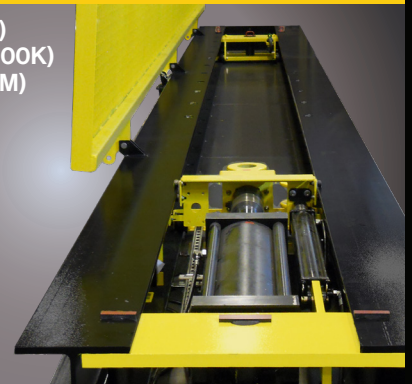
## SINGLE BEAM HORIZONTAL TEST BEDS

Single Beam/Single-Range  
(5K-100K)



## TWIN BEAM HORIZONTAL TEST BEDS

Small Capacity (10K-100K)  
Medium Capacity (225K-500K)  
Large Capacity (600K-3.3M)



## OPEN TRAILER MOBILE TEST BEDS

Go mobile. Chant can mount your horizontal test bed onto a flat bed or make it into a gooseneck trailer to allow you to offer on-the-road customer service.



## FULLY-ENCLOSED TRAILER MOBILE TEST BEDS

Need climate control? Chant can mount your horizontal test bed in a fully-enclosed trailer to keep your machine out of extreme weather conditions.



## WINCH/TUGGER TESTER

Winch/Tugger Tester for static and/or dynamic testing on winch/tugger assemblies.



## VERTICAL TEST BEDS

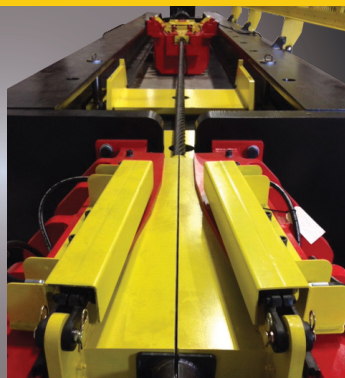
Machines can be designed for static or dynamic testing.

Small Capacity (5K-40K)  
Medium Capacity (50K-100K)  
Large Capacity (100K+)  
Vertical Testing Towers



## BREAK TEST MACHINES

Break Test Machines are essential for wire rope manufacturers to verify quality during production. By testing samples to breaking point, manufacturers ensure the breaking force meets published specifications, maintaining product integrity and safety standards.



## PRE-STRETCH TEST BEDS

Pre-stretch Beds are used by wire rope manufacturers and fabricators to pre-stretch wire rope before shipment to customers. Pre-stretching seats the individual wires in the rope under load, to minimize further stretching of the final product. Available in any length or capacity.



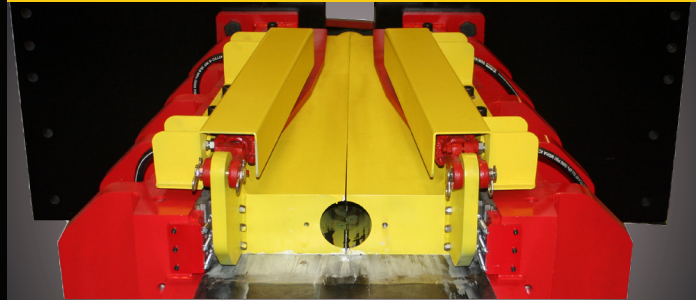
# REELING MACHINES & WIRE ROPE GRIPS

## RIM DRIVES



This shaftless take-up and pay-out reeling machine with rim-drive technology is user-friendly operation. Featuring an industry-first, fully guarded collapsible coiler, operators can easily reel products with front access doors.

## FRONT FLANGE MOUNT WIRE ROPE GRIPS



Shown on mounting plate used to attach grip to foot of test bed.

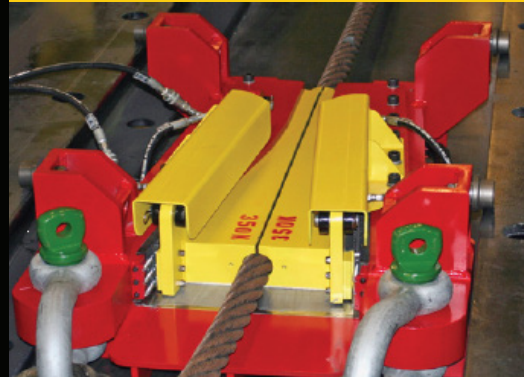
## RE-REEVERS

Tension controlled pay-out and take-up for boom hoist and main lift line applications.

Available in any size or capacity.



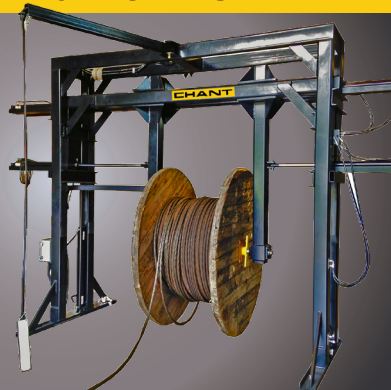
## SADDLE MOUNT & BRIDLE MOUNT WIRE ROPE GRIPS



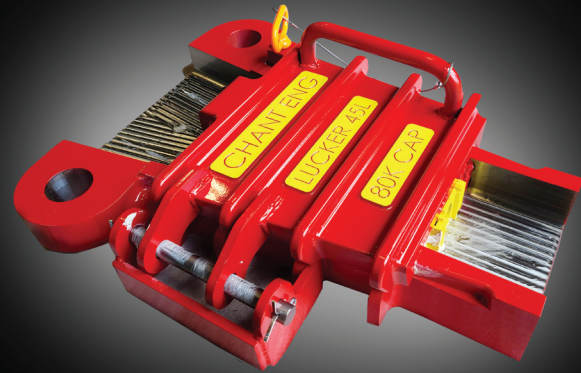
Able to be retrofitted with shackles.

## GANTRY-STYLE REELING MACHINES

Heavy-duty reeling machines can include a hydraulic or electric drive, touchscreen operator controls, collapsible coilers, closed loop tension and rope length controls.



## MANUAL WIRE ROPE GRIPS



## TAKE-UP/PAY-OUT REELING MACHINES



Hydraulically or electrically controlled. Complete systems available.

## 2-POSITION MOUNT WIRE ROPE GRIPS



Grip adjusts between two positions on high and low range of machine.

# SOFTWARE • CONTROLS • SERVICES

## HYDRAULIC POWER UNITS

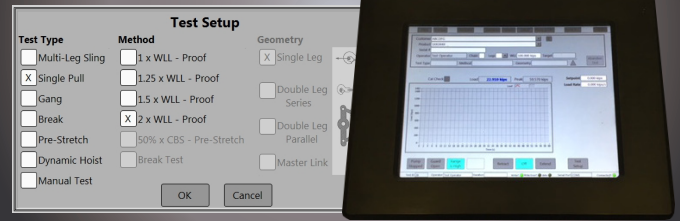
Built for durability and low maintenance, Chant's HPU's are competitively priced and designed for ease of use, with fully automatic load control that minimizes operator error. Available in 5 HP, 10 HP, and 20 HP, each unit features a 3-phase motor, operator control panel, electric motor, and hydraulic pump with heat exchanger. The touch-screen interface simplifies control, operating at pressures up to 4,000 psi.



## DataTEST™ SOFTWARE

Chant's DataTEST™ Software is a sophisticated, user-friendly Windows based data-logging program for testing machines.

The Chant touch screen features easy-to-use operator interface.



## MACHINE UPGRADES

Upgrade your machine with Chant DataTEST™ data acquisition software, Texmate meter in enclosure, and a Toughbook laptop for recording and printing test certificates.

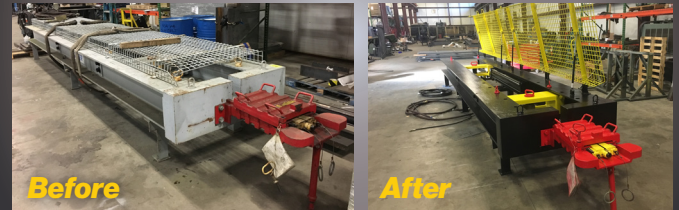
You can also update your machines with our state-of-the-art touch screen controls.



**DataTEST™ Software**

## MACHINE REFURBISHMENTS

Breathe new life into your existing machinery. Chant can refurbish, rewire, repaint and give your machine a complete overhaul.



## CALIBRATION & SERVICE

Chant is a nationally recognized ISO 17025 calibration accredited company with precision calibration equipment traceable back to the National Institute of Standards and Technology (NIST). Our equipment is calibrated to ASTM-E74, which allows us to calibrate your equipment to ASTM-E4 and ISO-7500.



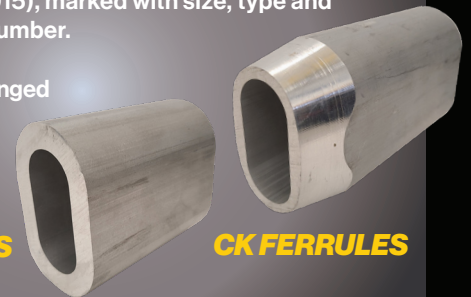
## ALUMINUM FERRULES

All of Chant's ferrules are produced seamless for added safety. All aluminum ferrules from size 8 & up are fully traceable (ISO 9001:2015), marked with size, type and manufacturing batch number.

The CK ferrule is a prolonged and tapered C ferrule to reduce the risk of load snagging.

**CFERRULES**

**CK FERRULES**



## SWAGERS

Chant swagers are designed for high performance in a compact package. Available in multiple sizes these swagers are ideal for Flemish eye sleeves, terminals, end stops and turnback ferrule swaging.



## ANNEALING MACHINES

Annealing machines shape the end of high-performance wire rope to safely cut and anneal, while keeping the lays of the rope together.

The operator forms the end to the desired shape, while the foot pedal controls the amount of heat applied to the rope.

Each machine comes with a built-in exhaust fan to remove the smoke from the operator working area.

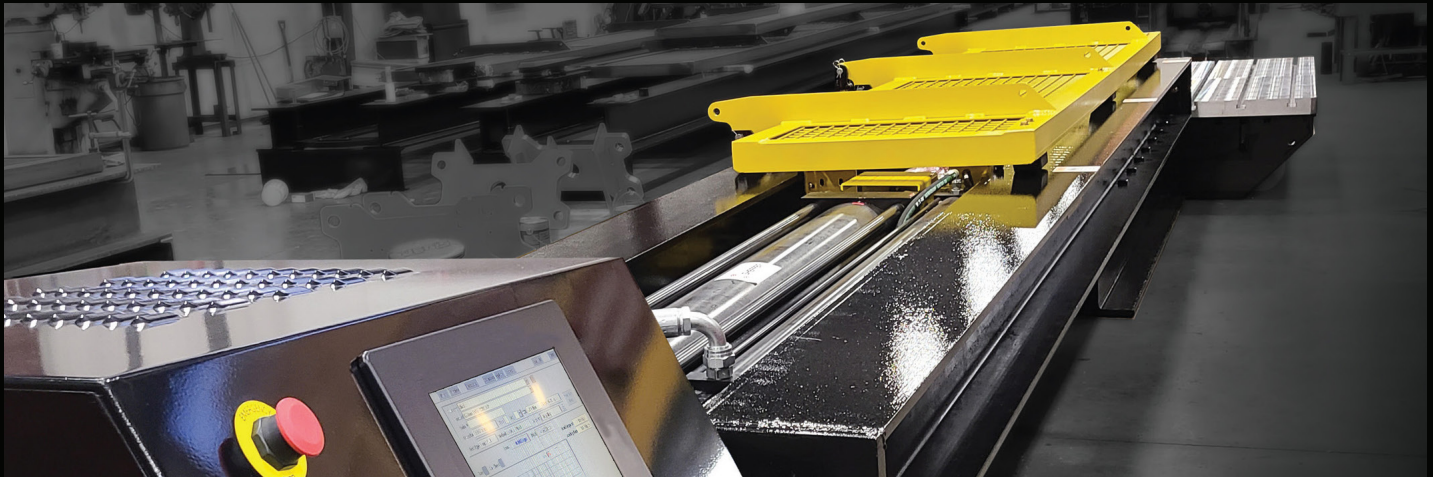


# ABOUT US

At Chant Engineering, we specialize in crafting innovative, high-performance machinery and testing equipment that meets the demands of industries around the globe. With over 55 years of experience, our dedication to engineering excellence is evident in every product we deliver. From proof test machines to hydraulic power units, our solutions are built to the highest standards of precision and durability, ensuring that our customers can rely on them for their most critical applications.

Our reach extends to over 35 countries, where our equipment plays a vital role in sectors ranging from military and aerospace to industrial manufacturing. We're not just a supplier; we're a partner committed to your success. Our team of experts works closely with you to understand your specific needs and provide tailored solutions that enhance your operations.

At Chant Engineering, we're constantly pushing the boundaries of innovation, staying ahead of industry trends, and adapting to the evolving needs of our customers. Our mission is to provide you with the tools you need to achieve excellence, supported by a company that values integrity, quality, and customer satisfaction.



## OUR PARTNERS

**Chant is the Exclusive North American Distributor for Friedrich Höppe GmbH and Dynamic Load Monitoring (DLM) stocked in our Pennsylvania facility.**

### THIMBLES

**FRIEDRICH HÖPPE** GmbH  
High Quality Thimbles Made in Germany

DIN 3090 Galvanized Thimbles are available in sizes 4 to 80 mm in accordance with EN 13411-1.

The DIN 3091 Solid Black Thimbles are available in sizes 8 mm up to 72 mm.

We carry the Heavy Duty Thimbles HEG®, which come with a welded filled plate and are hot dipped galvanized. These thimbles are the strongest on the market and are our innovation. They are available in sizes that match high-tensile shackles, which makes them a perfect fit for all high-tensile shackles.

### HEG THIMBLE



### DIN 3090 THIMBLE



### DIN 3091 THIMBLE



### LOAD CELLS, LINKS & MONITORING EQUIPMENT

Measure your loads using DLM's trusted load links and load monitoring equipment. Available in wired or wireless.

### TELEMETRY SHACKLE LOAD CELLS

The DLM Telemetry Shackle offers reduction in weighing headroom with the flexibility of 2.4 GHz license free wireless load transmission.

# CUSTOM MACHINES BUILT TO YOUR SPECIFICATIONS

At Chant Engineering, we specialize in designing and building custom machines tailored to meet the unique needs of our customers. With over 50 years of engineering expertise, we take pride in creating innovative, high-quality solutions for a wide range of industries.

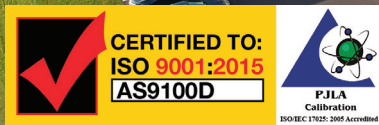
Our team works closely with you to understand your specific requirements, whether it's for testing, manufacturing, or specialized operations. From concept to completion, we ensure every machine is built with precision, durability, and efficiency in mind.

When off-the-shelf solutions aren't enough, Chant Engineering delivers customized excellence to help you achieve your goals.

Contact us today to discuss your custom machine needs!



## YOUR TRUSTED PARTNER SINCE 1970



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