



**RODAVIGO, S.A.**  
RODAMIENTOS VIGO, S.A.

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Servicio de Att. al Cliente

# 2014-2015

## Traction Catalog

**pewag**

**STRONG  
IS NOT  
ENOUGH**  
[www.pewag.com](http://www.pewag.com)



**Automotive - Light Truck - Heavy Truck - Heavy Equipment - Specialty Vehicles - Parts & Accessories**



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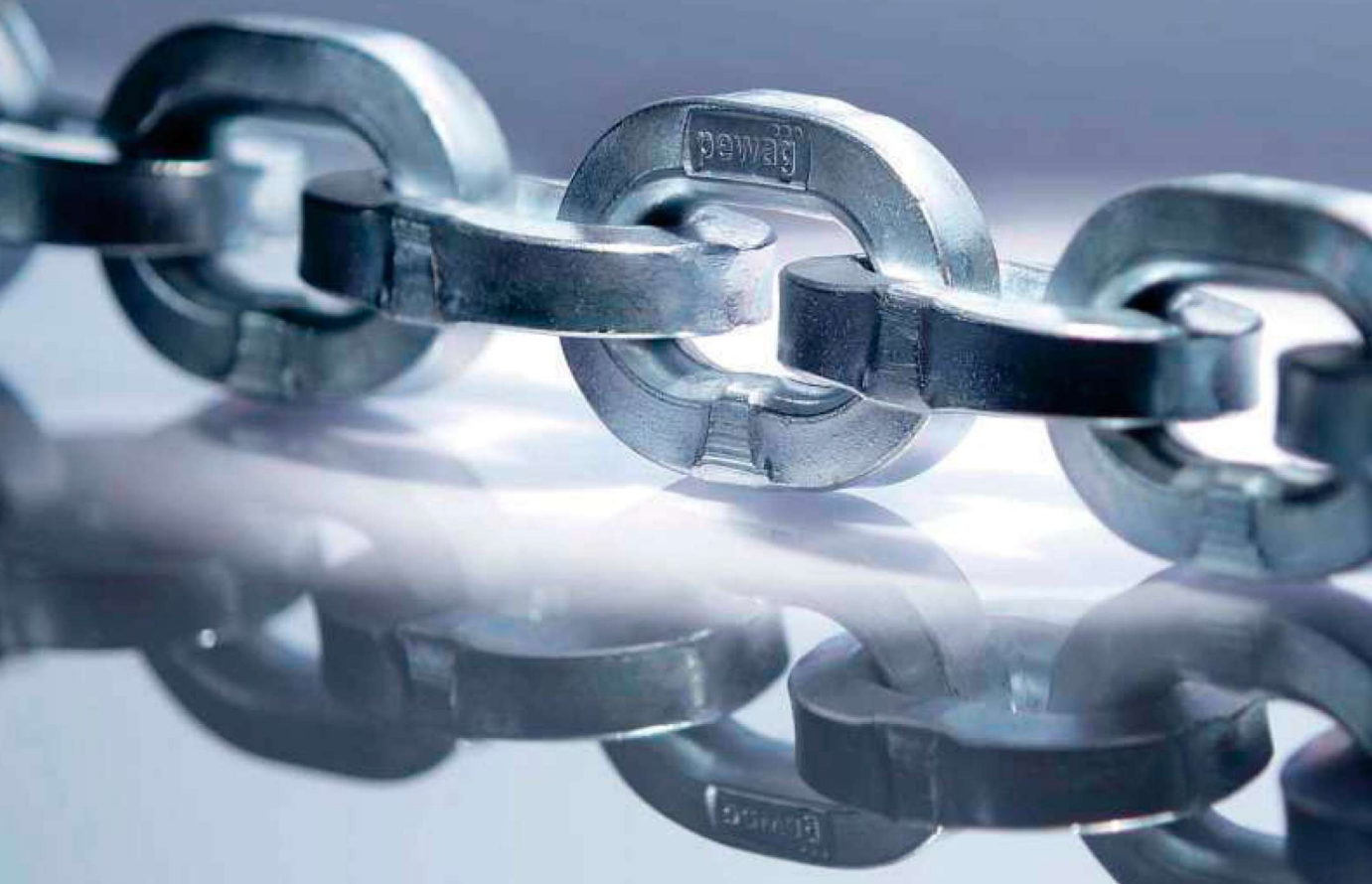


## Welcome to the pewag group

We are an internationally  
operating group of companies.  
Our track record goes back to the year 1479.

### Mission statement

Because of our joy and determination to innovate, we at pewag manufacture the world's best chains today and in the future. The high quality of our products and services as well as the passionate performance of our employees, guarantees safety for moving people and goods. Our success is measured by our customers.







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catalog in PDF

pewag chains are  
the strongest chains for each  
area of application

With our determination to innovate, we design snow chains that guarantee maximum safety and confidence in every situation.

pewag snow chains cannot only be used in wintry conditions. Our products are well suited for all different seasons or ground surfaces – mud, pebble, and sand. In impassable terrain operators and drivers rely on pewag quality.

For many years pewag  
has been the leading supplier  
of traction chains  
around the world.  
As a technology leader  
we offer innovative, reliable  
and proven solutions  
for the most difficult  
applications.

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### pewag

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## History of the pewag group

### Advantage through tradition

The history of pewag group goes back to the 15th century and therefore makes us the oldest chain manufacturer worldwide. With our experience we are ready for the future.

#### Timetable of important events

- 1479** First documented references of a forging plant in Brückl
- 1787** Foundation of a chain forgery in Kapfenberg
- 1803** Foundation of a chain forgery in Graz
- 1836** Establishment of an iron casting plant in Brückl
- 1912** Production of the first snow chain worldwide
- 1923** Merger of plants in Graz and Kapfenberg – Creation of the name “pewag”
- 1972** Foundation of a sales company in Germany
- 1975** Foundation of a sales company in the USA
- 1993** Foundation of pewag austria GmbH
- 1994** Foundation of the first subsidiary in Czech Republic
- 2005** Reorganization into 2 groups:  
Schneeketten Beteiligungs AG Group – Snow Chains  
pewag austria GmbH Group – Technical Chains
- 2009** Acquisition of Chaineries Limousines S.A.S.
- 2014** Manufacturing starts in Pueblo, CO - USA

## Areas of application

pewag offers a substantial  
and diverse spectrum of  
products and services



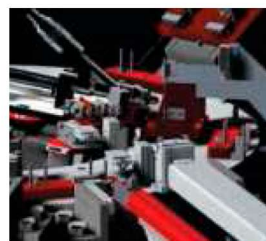
Traction chains



Tire protection chains



Industrial chains



Engineering



Lithography forging plant Brückl 1855



Anchor chain forgery 1878



Chain forgers 1956



**ISO 14001:2004**

**ISO 9001:2008**



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(800) 445-2895

**pewag Traction Chain, Inc.**  
190 Greenhorn Drive  
Pueblo, CO 81004





## Environmental responsibility

### Ecological awareness



We continuously strive to keep the influence of our business on the environment as low as possible. Our production and warehousing is organized so that all legal requirements on environmental protection are fulfilled. Furthermore, we consider ecological aspects for our product

development, processes and distribution channels and include these in our business planning.

Consequently, we are permanently striving for a continuous improvement and development of our established products to reach higher load capacities and safety for our customers with lighter weights and longer life spans.

Wherever we cannot avoid an environmental impact, we strive to reduce the use of energy, environmentally harmful emissions, and keep the production of waste to a minimum. When investing in new machines we consider the technically most adequate and economically feasible state-of-the-art designs for their designated area of use.

Our environmental management is certified according to ISO 14001:2004. Regular internal audits assist to supervise compliance, test the effectiveness of our set standards and serve as a basis to determine improvement potentials.

Out of this long-lasting tradition we take responsibility for our products, employees, our sites and the environment very seriously.

We commit to comply with all environment-related regulations and continually improve our performance for the environment by defined goals. For that purpose we use modern production technologies. We enhance the ecological awareness of our employees by regular trainings.

We engage with our customers, neighbors and government agencies in an open communication and inform them about our environmental management wherever appropriate.

By providing advice, we want to inform our customers about the environmental aspects related to the use of our products – especially their long life spans. We are striving to motivate our customers and suppliers to consider environmental protection in their sphere of influence and use the same environmental standards as we do.

## Our goal is customer satisfaction

To reach this goal, the quality management of the pewag group is determined by the principle: "We supply our customers with high-quality products which fully meet technological standards and its usage requirements."

## Important information

### Warranty

The goods sold in this catalog are warranted free from defects in workmanship and materials for 90 days from the date of purchase. No other warranty, expressed or implied, is given and no affirmation of SELLER, by words or action, shall constitute a warranty. Buyer must notify SELLER in writing, within 10 days of discovery of the alleged defect and within the warranty period stated above.

### Snow chain advice

- Please check if there are specifications or recommendations for the use of snow chains for your vehicle (instruction manual, etc.).
- Please make yourself familiar with the chains before you need them. Read the mounting instructions carefully and learn how to use the new chain with an installation on dry ground.
- Always mount the chain on the drive axle (instruction manual). For 4x4 vehicles, please consider the recommendation of the manufacturer.
- After about 100 yards, inspect the chains for the correct tension and fit. Re-tension if necessary.
- Re-tension the chain if it starts to hit the wheel well. Please be careful: Too much tension can lead to tire damage, wheels spinning, and increased chain wear.
- The road performance of your vehicle changes with snow chains (especially on bare pavement)! Please do not go faster than 25-30 mph. Speeds faster than 30 mph will increase the risk of a chain failure.
- Remove the chains as soon as the road conditions improve to avoid unnecessary wear.
- Check the wear condition of the chains regularly. The lifetime of a pewag tire chain can be increased by reversing the chains.

**Attention: In any case consider the enclosed operating and mounting instructions of the chains as well as the warnings!**

### Freight Policy

**Over 1,200 lbs Or \$2,000:** Freight prepaid to buyers place of business within the Continental U.S.A. (excluding Alaska & Hawaii). Prepaid shipments via carrier of pewag's choice. Allowed prepaid shipment cost limited to the carriers tariff rates for transportation. Extra charges such as duties, broker fees, lift gate, delivery notifications, fuel surcharges, taxes, et cetera will be prepaid and invoiced to the buyer. Qualifying shipments to Alaska & Hawaii will be prepaid to the port of departure in the Continental U.S.A. under the terms of this freight policy. **Less than 1,200 lbs Or \$2000:** Freight prepaid and added to invoice. **Past due, or delinquent accounts will be charged back all allowed freight charges.**

#### Return Merchandise Agreement

No merchandise will be accepted without prior written authorization. All returns subject to a 25% restocking charge, which will be deducted from the amount of credit memo. Return shipments must be prepaid. Unauthorized returns will not be accepted.



## TitanGrip® & ThickThin® technology

### pewag snow chains – now lighter and with longer life span

Snow chains marked with the TitanGrip® trademark are made from a special high-grade alloy steel. The combination of titanium and Boron steel in conjunction with a sophisticated heat treatment process provides maximum wear resistance.

A chain is only as strong as its weakest link.  
But why must every chain link have the same shape?  
Can we build better chains by combining different types of chain links?

pewag found the answer by consistently working on a new technology to radically improve chains. The result of this research is the ThickThin® technology. For the first time in the history of chain manufacturing different chain links (different in shape, length and thickness) can be assembled in one chain. For this reason pewag can manufacture the best combination for the various areas of use.

#### What is your advantage?

Reduced weight, considerably longer life span and optimum traction performance.

## snox® technology

### pewag snox: world's most convenient snow chain

Chains often have to be mounted when the weather is extremely unfriendly. Conventional hooks, and other fasteners on the chain, increases the overall mounting time. pewag snox is the first chain system without these connecting elements. The tensioning system acts automatically and regulates the perfect amount of tension throughout the chain.

## servo technology

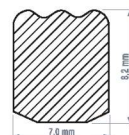
### pewag snow chains are clever

Tensioning systems for snow chains have to get more convenient: This was pewag's main goal when developing the latest generation of automatic ratchets. The key objective was to make mounting the chains easier by enhancing the tensioning system, and to improve performance and user friendliness. We created the new servo-technology to achieve these objectives.

## Wave profile links

### pewag snow chain with wave profile links

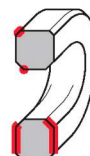
To increase both grip and life span, pewag introduced the wave profile. pewag differentiates chain links between a rectangular (for example 7 mm wide but 8.2 mm high) and a square version (for example 7 mm wide and 7 mm high). Which one of these basic shapes used depends on the chain's application. For example, pewag unimove has a rectangular link shape, while the pewag asv partly consists of square wave profile links.



## Square grip links

### pewag snow chains with square grip links

Square grip links intertwine and prohibit the chain from twisting when exposed to pressure and provide optimum drive and brake performance because they "bite" into the terrain.



This gives each pewag chain with these distinct edges an advantage over our competition.

## Asymmetrical Pattern-Style Chains

### pewag Asymmetrical Pattern-Style Chains run smoother and provide better traction

The chain track shows that the distances between the chains A1 are considerably closer with the Asymmetrical Pattern-Style Chain compared to the similar built H-Pattern-Style Chain with the distance A 2. The center section of the H-Pattern-Style Chain serves exclusively to keep the vehicle on track. The asymmetrical pattern in contrast contributes not only to keeping the vehicle on track, but also improving brake and drive performance. Consequently, the Asymmetrical Pattern-Style Chain runs smoother with higher performance.







## Investing In America

**pewag opens first North American Chain Manufacturing Plant in Pueblo, Colorado**



On May 3, 2014, pewag officially opened their first North American chain plant in Pueblo, Colorado with a ribbon cutting ceremony. The plant is located in the Minnequa Industrial Park on Greenhorn Drive adjacent to I-25.

The new state-of-the-art Pueblo plant is manufacturing traction chains for the North American market using US steel and a full US workforce. When fully completed, the plant will reach a size of 55,000 sq. ft. and employ 55 people from the Pueblo area. The plant is being financed by the Pueblo Development Foundation.

pewag chose Pueblo, Colorado because of its proximity to the traction chain market in the Rocky Mountains. With the addition of the new Pueblo plant, pewag is pleased to contribute to the manufacturing renaissance currently taking place in America. pewag is proud to be producing chains "Made in USA" and investing in America's bright future.



Ribbon cutting ceremony on May 3, 2014, at pewag's first North American chain manufacturing plant in Pueblo, Colorado.



Wheel loader with pewag Universal "ED" tire chains displayed at the grand opening in Pueblo, Colorado.



**NEW**

**Chain Manufacturing Facility  
in Pueblo, Colorado**

**1-800-445-2895**    [www.pewagchain.com](http://www.pewagchain.com)

## Investing In America

