

**Peddinghaus**

**PeddiRotator**

TURNING DEVICE FOR WELDING



# Dear Industry Partner,



Anton Peddinghaus

## Welcome to the World of Peddinghaus – The World of “BETTER”.

In the world of Peddinghaus we aim to be better. Take a look at any of our 5,000+ installations throughout the globe. These fabricators experience reduced costs and higher production using our equipment. Why? Because with Peddinghaus they receive better technology, better service, and better quality than anyone else can provide. These things aren't easy to do, and not every company can guarantee what Peddinghaus does. I am proud that I can say these things because at Peddinghaus we work harder than anyone to give our customers the best. Whether they are located in Mexico City, Mumbai, or Melbourne; they all receive the very same service, spare parts, and support that is second to none.

## Welcome to Partnerships – From Software to Service to Sales.

At Peddinghaus we maintain strong partnerships with industry leaders to ensure your success. Whether this is our relationship with leading software providers (such as Shop Data Systems, Sigmanest, Steel Office, AceCad, Tekla, FabTrol, Design Data, and more) or our partnership with regional sales and support organizations - our goal is to work together to serve you better.

## Welcome to the PeddiRotator – More than Just a Machine.

We all know waiting for an overhead crane on the shop floor can be timely and often hold up production. Well wasted time equals wasted money. The PeddiRotator is designed for turning structural profiles and weld constructions without the need for a crane. Increase your productivity and save more than 30-40% of working time.

The PeddiRotator turns heavy loads such as beams and welded connections quickly and safely with a push of a button. The robust design is what you would expect from Peddinghaus - durable for machine longevity. Featuring a compact footprint, this turning device will take up minimal space in your production line.

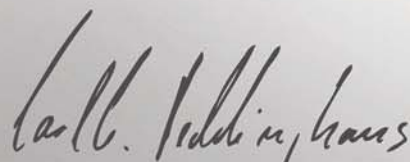
## Welcome to Peddinghaus Service – Unmatched Global Support.

At Peddinghaus service is priority number 1. Peddinghaus' global team of customer support representatives are on duty, on call, all the time at our very own 24-hour customer support center. Combined with state-of-the-art remote diagnostic software, readily available local field support professionals, and the industry leading warranty - customer support from Peddinghaus is only a call or a click away.

## Welcome to Peddinghaus – A Tradition of Innovation, a Reputation for Excellence.

My great-grandfather and grandfather perfected Ironworkers during their time with Peddinghaus; then it was my father's turn to pioneer the TDK drill line. In today's world I am proud that we at Peddinghaus continue to offer new solutions for our customers such as the PeddiRotator. This is only possible through constant innovation, and continuing investment in research and development. I invite you to see why Peddinghaus technology is the chosen provider for steel fabricators the world over.

Please visit [www.peddinghaus.com](http://www.peddinghaus.com) for a “video test drive” and additional technical details on the PeddiRotator. Or, plan a visit to the Peddinghaus manufacturing campus at our headquarters in Bradley, IL USA. See the depth of our organization, and our commitment to your success with world class customer support.

A handwritten signature in black ink that reads "Carl G. Peddinghaus". The signature is written in a cursive style and is positioned above a dark grey rectangular box.

Carl G. (Anton) Peddinghaus | Chief Executive Officer | Peddinghaus Corporation

## Ideal for Processing Structural Steel in an Array of Applications

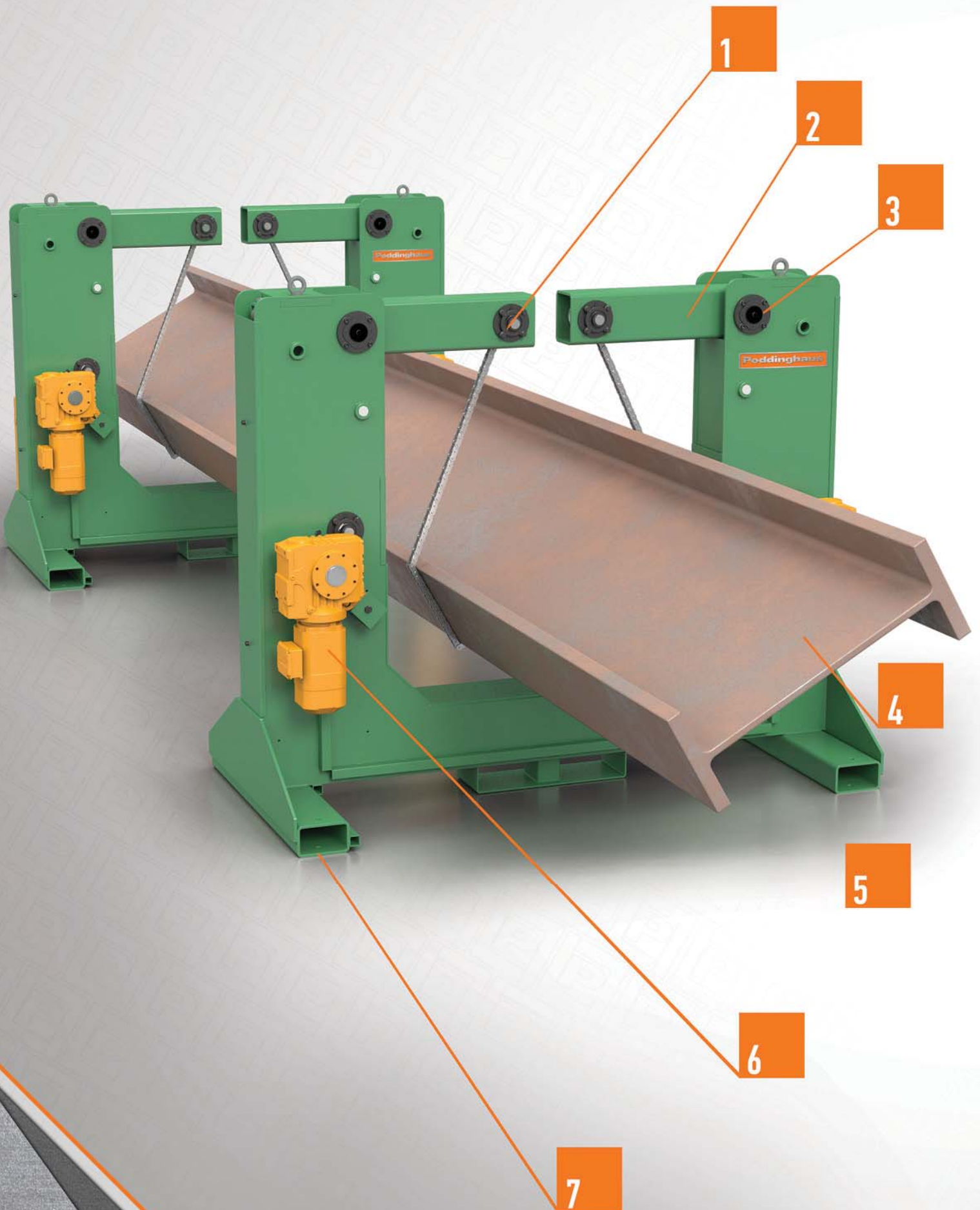
### Including:

- Steel Building Components (floor beams, columns, etc.)
- Wind Tower Components
- Joist Components
- Sign Structure Components
- Truss Components
- Girder Components
- Mining Equipment Components
- Aggregate Handling Components

### Rotator Specifications

Loading Capacity Single	6,000 kg
Loading Capacity Pair	12,000 kg
Maximum Distance Between Stands	Up to 15 M
Maximum Profile Width/Height	1,500 mm

# 360 Degree Welding Functionality





### 1 SYNCHRONIZED CHAIN GUIDE

- Unique dual-link chain design withstands heavy and complex profiles
- Durable chains and no belts allow for ultimate safety during turning processes



### 2 ARMS OPEN FOR LOADING THE PROFILE

- The arms of the PeddiRotator are designed to open and close with the weight of the workpiece via springs
- The arms close as the workpiece is lowered into the PeddiRotator, and open back up as the workpiece is lifted out



### 3 ROBUST MACHINE HOUSING

- Steel platform built to withstand punishing shop environments
- Robust build quality ensures accurate operations and device longevity
- Ergonomic structural design created to save shop space



### 4 360 DEGREE TURNING OF HEAVY PROFILES

- Designed for complete 360 degree turning of structural profiles for welding without the need for a crane
- Welding, fit-up and painting operations are easily achieved in every position of the profile



### 5 HAND-HELD CONTROL

- Convenient hand-held device provides multiple functions for easy operator usage
- Control turning speed and direction with the push of a button



### 6 POWERFUL MOTORS

- Dynamic electric motors ensure optimal speed and strength during rotations of steel profiles



### 7 PROFILE VARIATION

- The PeddiRotator can process any variation, length and size material
- Stands are designed to be pushed close together or far apart up to 15 M between stands, allowing multiple welders and fitters to operate simultaneously



# Modular Designs

## The Peddinghaus Way

The arms of the PeddiRotator are designed to open and close with the weight of the workpiece via springs. While the profile is inserted into the PeddiRotator, the arms will then lower themselves. The profile is completely inserted into the turning device once the chains are under tension and the arms become horizontal. Versatile turning operations can then be conducted via the control including two turning directions on the adjustable height stands.

### Minimize Footprint

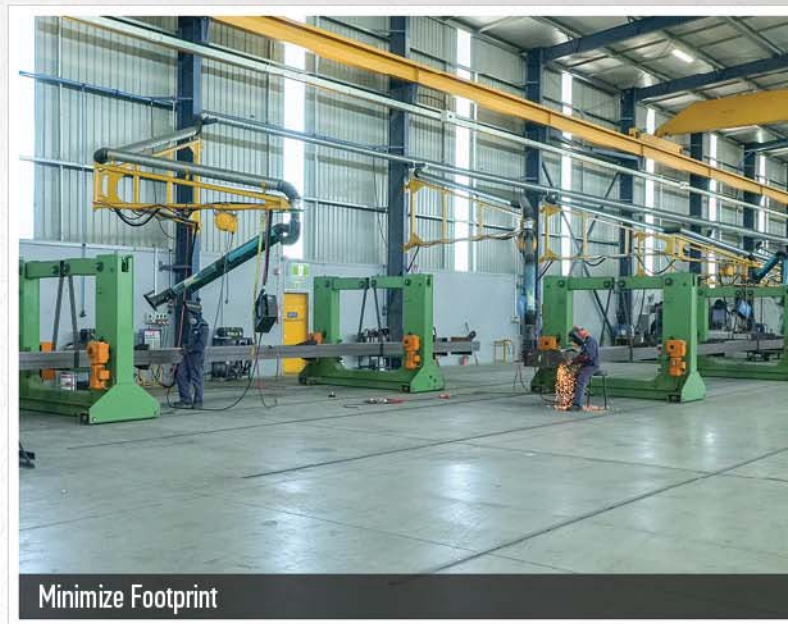
This compact device utilizes minimal space to make quick work of profile rotations. Increasing production typically means compromising shop space, and the intelligence of the PeddiRotator's design lies in the fact that it was created to save shop space.

### Versatile Operations

When material exits a production line, keeping it in one location gives the welder access to every side of the material without waiting for forklifts, cranes or other manual handling money pits. With the PeddiRotator, the heaviest profiles can be easily turned in only a few seconds without crane usage. The PeddiRotator structure features a steel platform built to withstand punishing shop environments. The robust build quality ensures accurate operations and device longevity.

### Employee Longevity

While the mobile stands aid in material variations, loading and unloading steel profiles from the PeddiRotator via forklift is now an uncomplicated and safe process. Rotating materials safely and securely means maximizing shop time, production and employee health daily by avoiding typical crane hazards.



Minimize Footprint



Proper Ergonomics Improve Welding Productivity

## Operational Return on Investment

TIME SAVED WITH THE PEDDIROTATOR		MONEY SAVED WITH THE PEDDIROTATOR	
Turning beam with crane	5 Minutes	Average \$50 shop worker wage/hour	\$16.50 saved in labor costs per piece
Turns in a welding process	4-5	Average 45 parts/day	\$742 saved in labor costs per 8-hour shift
PeddiRotator eliminates	20 Minutes	Average 225 parts/week	\$3,712 saved in labor costs per week
<b>Easily Save \$193,000 Each Year</b>		<b>Total</b>	<b>\$193,000</b>

\* Figures are based on an independent study. These figures are meant as a guide to potential savings and may not reflect actual averages.



# PeddiRotator User Testimonials

ALPHA IRON  
Ridgefield, Washington - USA



"The PeddiRotators provide good ergonomics for our employees and good quality of the weld. We can reposition the weld where we want, rather than digging a pit. We get the same result with a PeddiRotator that can be moved around the shop, whereas a pit stays in one location and creates an unsafe environment for the employees. With these PeddiRotators, it improves the quality of the weld and also the welders are more comfortable, which results in more production."

"We run a safe operation here, and another benefit is that rolling heavy beams is risky and puts people in harm's way."

- Jim Buchan, President

JOHN JONES STEEL  
Hornby, Christchurch - New Zealand



"The PeddiRotator is a very efficient tool. We assemble the steel in the PeddiRotators allowing the welders to come in and perform their tasks. Our guys don't need to wait for the crane all the time and we can spend more time welding, which delivers product better and quicker."

- Frank Van Schaijik, Managing Director

COOPER STEEL  
Shelbyville, Tennessee - USA



"The PeddiRotators are great for rotating heavy and awkward steel members. They free up overhead crane usage especially when two cranes are required to handle the material, so our employees can spend less time on handling the material, and more time welding it."

- Rodney Harden, Plant Manager



# The Best Support in the Industry

Peddinghaus strives to provide an unparalleled level of service for industry partners, no matter where in the world they are located. This is done by offering the only 24-hour technical support center in the industry and employing an expansive team of field service technicians throughout the globe.

## 24-hour Technical Support Center

Located in Bradley, Illinois - USA, Peddinghaus maintains a 24-hour technical support center to assist customers with any questions or concerns that may arise in the operation of Peddinghaus machinery. Service technicians leverage remote diagnostic software as well as web cameras in order to troubleshoot questions. Over 95% of telephone calls are resolved without the need for an on-site visit from a Peddinghaus technician.



24-hour Technical Support Center

## Global Access to Spare Parts

Peddinghaus maintains vast amounts of spare parts at their North American locations and are in close proximity to major ports and shipping hubs. For international partners, local spare parts storage is maintained at our sales and service offices around the globe. In addition, local dealer representatives and dedicated parts storage facilities have been established throughout the world to expedite part shipments. This means faster delivery of parts when they are needed.



50+ Field Service Technicians

## Expansive Team of Field Service Technicians

For advanced issues, over 50 field service technicians are employed by Peddinghaus throughout the world. Technicians are conveniently located geographically and may be based out of an office near your installation. These technicians operate globally and are available for on-site assistance.



PeddiUniversity Training Center

## World Class Training for Maintenance Staff, Operators and Programmers

Peddinghaus offers training on-site, over the internet and at their corporate headquarters for maintenance staff, operators and programmers. Training at Peddinghaus' global headquarters is free of charge for those willing to make the trip and provides staff with direct access to the masters behind the machinery.





**Peddinghaus**

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