

# Instruction Manual

## Trolley Clamp



**NOTE:** Owner and Operator must read and understand this instruction manual before using the Lever Hoist

## CONTENTS

1. Preface.....	2
2. Specification.....	3
3. Safety Instruction.....	3
4. Operation Instruction.....	5
5. Inspection & Maintenance.....	6
6. Trouble Shooting.....	10
7. Exploded view & Parts list.....	12

THANK YOU FOR USING THIS TROLLEY CLAMP. FOR YOUR SAFETY AND CORRECT OPERATION, PLEASE CAREFULLY READ THIS INSTRUCTION BEFORE USING IT.

**NOTE:** All information reported herein is based on the data available at the time of printing. The factory reserves the right to modify its own products at any time without notice or incurring in any sanction. Please verify with the factory for possible updates.

## **1. GENERAL**

This manual contains important information for the correct installation, operation, and maintenance of the equipment described here in. All persons involved in such installation, operation and maintenance should be thoroughly familiar with the contents of this manual. To safeguard against the possibility of property damage or personal injury follow the recommendations and instructions of this manual and keep it for further reference.

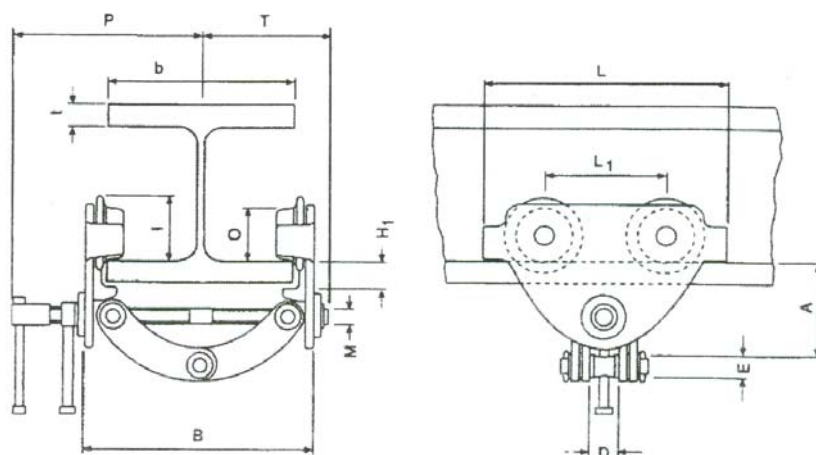
The trolley damp has the following features:

- (1) Easy fitting to overhead beams for the attachment and transport of loads.
- (2) Central threaded spindle provides quick adjustment to the required beam width.
- (3) Locking lever secures the adjustment.
- (4) Zinc plated spindle and clevis for added corrosion protection.
- (5) Overload factory tested with 1.5 times the rated capacity.
- (6) Manufactured according to prEN13157:2003, machinery directive 2006/42/EC.

## 2. SPECIFICATION

Capacity (kg)	Size	Flange Width b (mm)	Min. Curve radius (m)	Net Weight (kg)
1000	A	60~180	0.7	5.5
2000	A	75~200	0.9	9.9
2000	B	200~300	0.9	10.3
3000	A	75~200	1.15	17.5
3000	B	200~300	1.15	19.5

Capacity kg	Size	A mm	D mm	E mm	H <sub>1</sub> mm	I mm	L mm	L <sub>1</sub> mm	M mm	O mm	P mm	T mm	T Max. mm
<b>1000</b>	A	80~154	42	16	20	87.5	255	118	M16	75	195	135	25
<b>2000</b>	A	90~155	42	20	30	71.5	302	137	M18	89	205	139	25
<b>2000</b>	B	136~191	42	20	30	71.5	302	137	M18	89	255	189	25
<b>3000</b>	A	128~171	50	22	30.5	95.5	344	157	M24	112	220	155	25
<b>3000</b>	B	150~212	50	22	30.5	95.5	344	157	M24	112	280	215	25



### 3. INSTALLATION AND OPERATION

- (1) Verify that the beam flange width matches clamp flange width specification
- (2) The beam clamp is opened by rotating the threaded bar until the clamp can be positioned on the beam. The clamp is then closed by reversing the rotation of the bar. Make sure that clamp is being positioned correctly, so that the dimension between trolley damp wheel flanges is max. 6mm (1/4")) greater than the runway beam width.
- (3) To secure with locking lever.
- (4) Once the trolley clamp is securely installed to the beam, apply the max. safe working load to the center of the clamp suspension bar, avoiding side pulling, then run unit slowly along the full length of the runway beam to ensure satisfactory operation.



#### **WARNING**

To avoid damage and / or personal injury:

- (1) Do not exceed maximum capacity of the trolley clamp.
- (2) Do not use the trolley to lift or transport people.
- (3) Do not use damaged trolley clamp or trolley clamp that is not working properly.
- (4) Do not leave load supported by the trolley clamp unattended unless specific precaution have been taken.
- (5) Do not lift or transport loads over people and make sure all personnel remain clear of supported load.

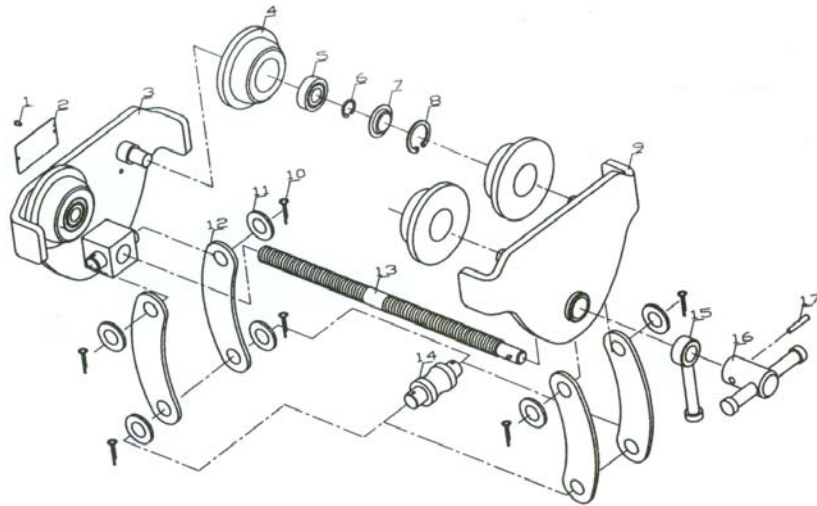
#### 4. MAINTENANCE

To maintain continuous and satisfactory operation, a regular inspection procedure must be initiated so that worn or damaged parts can be replaced before they become unsafe.

If faults are detected, the trolley clamp must be put out of service immediately. The intervals of inspection must be determined by the individual application and are based up on the type of service to which the load is subjected.

The unit should be inspected for faultless operation and at least annually investigated by an expert. Repairs may only be carried out by a specialist workshop that uses original spare parts.

#### 5. EXPLODED VIEW & PART LIST



## Part List

No.	Description	Qty	Remark
1.	Rivet	2	
2.	Name plate	1	
3.	Side plate A	1	
4.	Wheel	4	
5.	Ball bearing	4	
6.	Retaining ring A	4	
7.	Bearing cover	4	
8.	Retaining ring B	4	
9.	Side plate B	1	
10.	Split pin	6	
11.	Washer	6	
12.	Connecting plate	4	
13.	Threaded bar	1	
14.	Suspension bar	1	
15.	Locking lever	1	
16.	Handle	1	
17.	Locking pin	1	