

**pewiSYS**

**materiAL  
handling**

Load- & unloading system  
Box & bags handling system  
Pallet handling system  
Floor chain transport system  
Others

# pewiROLL™

mobile telescopic roller conveyor

## User Manual



**www.pewisys.nl**

pewiSYS materiAL  
handling bv

Kalkoenweg 40  
3851 SC Ermelo  
The Netherlands

T +31 (0) 341 76 81 10F  
+31 (0) 241 55 01 25

E info@pewisys.nl  
W www.pewisys.nl

## SAFETY, OPERATION AND MAINTENANCE MANUAL

### pewiROLL\_HD



## Contents

1. About This Manual .....	2
2. Health & Safety at Work.....	3
3. Provision and Use of Work Equipment Regulations .....	3
4. Safety Instructions.....	3
5. Intended Use .....	4
6. Moving, Locating and Operating the Conveyor .....	4
7. Service and Maintenance.....	5
8. Service Schedule.....	6
9. Cleaning.....	6
10. After Sales Service.....	6

### 1. ABOUT THIS MANUAL

#### Notice of Liability

The information in this manual is distributed on an 'as is' basis, without warranty. While every precaution has been taken in the preparation of this manual, the author shall not have any liability to any person or entity with respect to any liability, loss or damage caused, or alleged to be caused, directly or indirectly by the instructions contained within this manual or by the equipment and system operations described herein.



## 2. HEALTH AND SAFETY

It is important that the conveyor system is used in the correct application according to the purpose for which it was designed and that the relevant instructions, regulations, procedures and codes of practice are strictly complied with.

- Appropriately, qualified personnel should carry out installation, operation and maintenance of any conveyor system.
- Customers and users are requested to refer to the information contained in this manual.
- Additional information can be provided on request by contacting the equipment manufacturer or local distributor.



## 3. PROVISION AND USE OF WORK EQUIPMENT REGULATIONS

Provision and Use of Work Equipment Regulations 1998 (PUWER) states that equipment shall be:

- suitable for the intended use.
- safe for use, maintained in a safe condition and inspected to ensure it is correctly installed and does not subsequently deteriorate.
- used only by people who have received adequate information, instruction and training.
- accompanied by suitable health and safety measures, such as protective devices and controls. These will normally include emergency stop devices, adequate means of isolation from sources of energy, clearly visible markings and warning devices.
- used in accordance with specific requirements, for mobile work equipment and power presses.



## 4. SAFETY INSTRUCTIONS

The design and manufacture of our conveyors have been undertaken very carefully to ensure safe and trouble free operation. Please ensure that the information and instructions given in this manual are provided to operators and maintenance staff. The conveyor equipment must only be operated and maintained by personnel that are competent to do so and the conveyor must only be used for the purpose for which they have been designed. Whilst every care has been taken in compiling this manual and identifies general hazards and best working practices a full risk assessment should be undertaken by the conveyor user to ensure safe operation in a specific application. Maintenance instructions are provided as a guide to minimum maintenance standards and, in certain environments, additional maintenance may be prudent to ensure safe operation.

### Safe Operation

- Do not wear loose clothing or jewellery etc. while operating, installing or maintaining equipment, which could get caught in moving parts.
- Pay strict attention to all caution, warning and danger labels.
- Never operate the equipment unless all the guards provided are in place.
- Do not operate, install or maintain conveyor equipment when taking any kind of drug or medicine which may cause drowsiness, or when over fatigued or under the influence of alcohol. Consult your pharmacist if in doubt.
- Never use the conveyor unless all the safety devices are working.

- Never use the conveyor until you are certain that all personnel are clear and aware that the conveyor is about to be used.
- Never perform maintenance, cleaning or repair work while the conveyor is in use.
- Do not climb under or over conveyors even while not in use.
- Do not ride on conveyors.
- All work tasks should be risk assessed.
- Maintain good housekeeping practices.
- Never perform maintenance, cleaning, or repair work without prior authorisation.
- Keep equipment clean and free from materials or other debris.
- Ensure all tools and equipment are clear of the equipment before use.
- Safety footwear to be worn at all times when using or moving the conveyor.
- Do not operate the conveyor unless all maintenance checks have been undertaken.
- If in doubt always contact the manufacturer or distributor of the conveyor equipment for advice.



## 5. INTENDED USE

The conveyor is intended for indoor use. The conveyor is designed to carry a uniformly distributed load of 50kg per linear metre, minimum length of load 200mm. The conveyor is designed to be loaded at the infeed end of the conveyor, loading onto the section of steel rollers. Loads must have a reasonably low centre of gravity, loads with a high centre of gravity may topple especially at transfer sections. If in doubt perform a controlled test and / or refer the equipment manufacturer or your local distributor for advice.



## 6. MOVING, LOCATING AND OPERATING THE CONVEYOR

- This conveyor is not intended to be used on sloping or uneven floors.
- The conveyor must be moved by a minimum of two people.
- Always use the handles for moving the conveyor.
- Always ensure that all brakes are released before moving conveyor.
- Move the conveyor slowly maintaining control at all times.
- When locating the conveyor consideration should be given to creating clearances around the conveyor to avoid circumstances where people could be struck by loads on the conveyor. Consideration should also be given to the likelihood and consequence of loads falling from the conveyor.
- Always ensure that castors are locked before using the conveyor.
- The conveyor is telescopic and can be extended and contracted as required.
- When extending and contracting the conveyor lock the wheels on the bottom deck and extend from the top.
- Always use the handle(s) when extending and contracting the conveyor.
- Always ensure that others are clear of the conveyor before extending and contracting the conveyor.
- Failure to use the handles or to ensure others are clear of the conveyor when extending or contracting the conveyor may cause injury.
- The height of the conveyor may be adjusted to suit a comfortable working height using screw jacks on legs.
- The slope of the conveyor should be adjusted using the screw jacks to ensure that the product travels in a controlled manner, if the loads travel too quickly reduce the slope of the conveyor.
- Always ensure that all wheels are on the ground before using the conveyor.

# pewiROLL™

mobile telescopic roller conveyor

pewiSYS

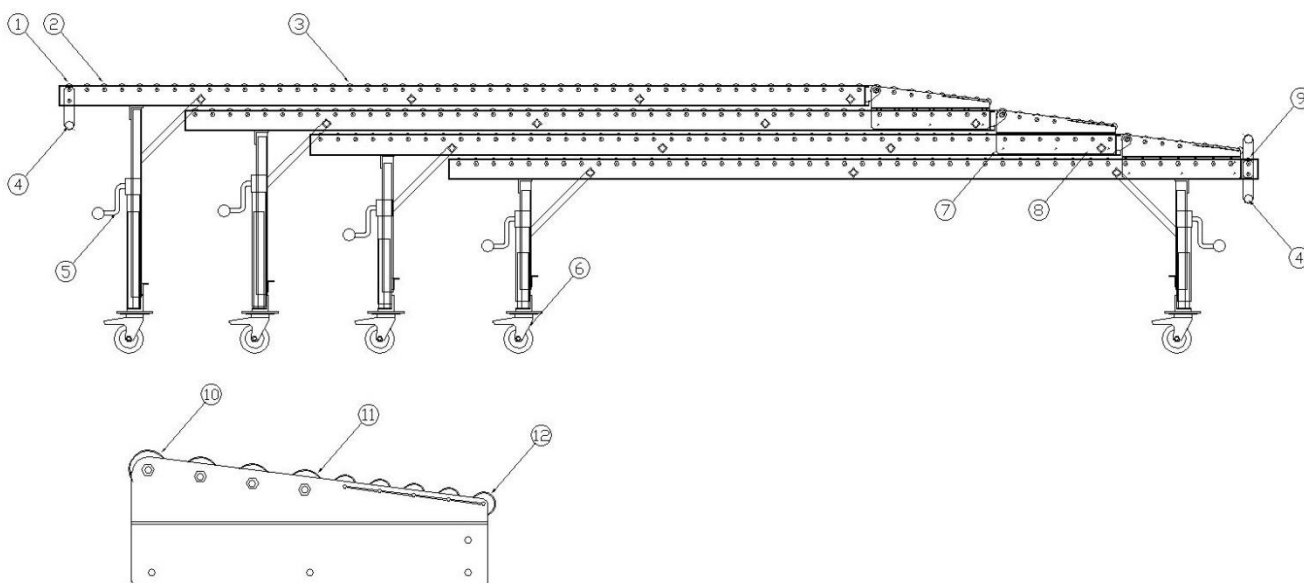
material  
handling



## 7. SERVICE AND MAINTENANCE

To ensure continued safe operation and the longevity of the conveyor and to maintain the manufacturer's warranty this conveyor must be regularly serviced and maintained by persons that are competent to undertake such work and servicing and maintenance should be recorded. Where applicable, Provision and Use of Work Equipment Regulations may require regular servicing and maintenance of this equipment.

### GENERAL ASSEMBLY




### Parts List

Item	Part Number	Description
1	RA-TE-ZR50-‘WIDTH*’-INFD	Bright zinc plated steel end roller
2	RA-TE-ZR50-‘WIDTH*’	Bright zinc plated steel roller
3	RA-TE-PR50-‘WIDTH*’	PVC roller
4	N/A	Handle
5	SCREWJACK-‘WIDTH*’	Screw Jack
6	163330	125mm diameter rubber tyred castor – standard
6	155392N	125mm diameter polyurethane castor – option
6	163334	160mm diameter rubber tyred castor – option
6	161821N	160mm diameter polyurethane castor – option
7	TE-TP 1NB SPC	Nylon slider block
8	N/A	Transfer Section
9	RA-TE-PR50-‘WIDTH*’-ER	PVC end roller
10	RA-TE-PR50-‘WIDTH*’-PV	PVC roller at pivot point
11	RA-TE-PR50-‘WIDTH*’-X-TRN	PVC Transfer roller X=number of rollers in width (1 or 2)
12	RA-TE-ZR20-‘WIDTH*’-X-TRN	PVC Transfer roller X=number of rollers in width (1 or 2)

\*‘WIDTH’ – Refers to inside frame width typically 500, 600 or 700mm



### 8. SERVICE SCHEDULE

 **IMPORTANT**, service schedule is based on 10 hours running per day, 5 days per week. Service schedules should be adjusted to suit different working hours. Service schedules are based on machines running in a clean environment with ambient temperatures and relative humidity between 40-70%. In unfavourable conditions more regular servicing will be required. A visual inspection of the conveyor should be undertaken before each use.

ITEM	WEEKLY	MONTHLY	QUARTERLY	YEARLY	OTHER
<b>(1) SCREW JACK</b> Check screw jack mechanism for damage and ensure that winding handle is free moving. Ensure fixings are secure  Remove top bung and grease crown wheel			***	***	
<b>(2) ROLLERS</b> Check that correct operation is not being impaired (Visual inspection for wear and damage etc.)			***		
<b>(3) TRANSFER SECTIONS</b> Check excessive play in sliders at transfer section, replace nylon slider blocks as necessary			***		
<b>(4) CASTORS</b> Check that castors are free running and that fixings are secure			***		
<b>(5) FRAME AND STANDS</b> Visual inspection for wear and damage etc. Ensure fixings are secure			***		



### 9. CLEANING

The conveyor should be kept clean, the operation of the conveyor may be impaired by dirt and dust. Care should be taken not to allow items to become trapped and anything that becomes trapped must be removed immediately. The conveyor should be cleaned using a damp cloth and using a mild soap, do not use chemical cleaners, the conveyor is not designed to be washed down. Never clean a conveyor when in use.

### 10. AFTER SALES SERVICE

Please refer to the equipment manufacturer or your local distributor for further information