



RAVENDO®

# WAREHOUSE TROLLEYS

EFFICIENT TRANSPORT - WAREHOUSE TROLLEYS FOR ANY PURPOSE

DESIGNED AND MADE IN DENMARK  
SINCE 1946



# ABOUT THIS USER MANUAL

## PURPOSE

The purpose of this user manual is to ensure correct use and maintenance of the warehouse trolley. The warehouse trolley is designed to transport heavy goods.

## READING INSTRUCTIONS

### Knowledge

It is the responsibility of the employer (owner of the trolley) to ensure that everyone who is operating, servicing, maintaining or repairing the machine has read the user manual; at least the parts of it that are relevant to their work.

In addition, everyone who has to operate, service, maintain or repair the trolley has a duty to search information in the user manual themselves.

### Availability

The user manual must be kept in a place known to the staff where it is easily available to operators and maintenance staff.

## VERSION

This user manual is an English translation of the manufacturer's original user manual. This user manual is version 1.1

## MANUFACTURER

Ravendo A/S is the manufacturer and producer of the warehouse trolley.

### Ravendo A/S

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+45 86 44 73 11  
ravendo@ravendo.com

# SAFETY

## INTENDED USE, WARNINGS ABOUT DANGEROUS SITUATIONS

Always use the required personal protective equipment when handling the warehouse trolley and the goods being transported. Protective footwear is recommended when using the warehouse trolley.

The warehouse trolley must only be used with original and correctly mounted accessories and spare parts. Never use the product with other parts than those supplied together with the product or specifically adapted to the purpose by Ravendo A/S.

Never try to modify or adapt the product for any use other than that described in the user manual. In the event of modification or change of use, any warranty and liability of the manufacturer will become void.

Before each use of the warehouse trolley, check that the trolley is in a safe condition and that the construction and wheels are undamaged.

During use, the operator must be aware of changes in driving characteristics and make sure that any damage is repaired before using the warehouse trolley again.

# DRIVING INSTRUCTIONS

## THE FIRST DRIVE WITH THE WAREHOUSE TROLLEY

The first time you drive the warehouse trolley, you should drive without any load and in a place with plenty of room, preferably on a flat and firm surface without obstacles. When you are familiar with manoeuvring the warehouse trolley on flat surfaces, you should practice driving with one hand as well as driving over and around obstacles, such as driving over kerbs and ramps. As you become more comfortable with manoeuvring the warehouse trolley, you can drive with fastened goods. Further description of the driving can be read in the below section.

Only when you are fully familiar with the operation and manoeuvring of the warehouse trolley in the above-mentioned different scenarios, the trolley can be used for daily work.

## DRIVING THE WAREHOUSE TROLLEY

Before driving the warehouse trolley, it is user's responsibility to check that the warehouse trolley is not damaged. If the trolley's user manual prescribes additional checks before use, it is the user's responsibility to check these items. It is also the user's responsibility to ensure that the trolley is properly loaded if driving with goods and that the goods have been properly fastened.

It is the user's responsibility not to drive in areas that exceed the permitted driving characteristics of the warehouse trolley.

# MAINTENANCE

Disassembly and repair of the warehouse trolley must only be performed by a technically knowledgeable and trained person. The trolley is virtually maintenance-free. For long and trouble-free operation, it is recommended that the following be done at least every 6 months:

- Tighten wheel and bolt joints
- Check tires for damage and wear

Replace parts as needed. The warehouse trolley is best cleaned with water with a mild soap and a hard-wrung cloth. Do not use solvents or cleaning agents that contain abrasive particles as this can damage the surfaces of the warehouse trolley.

# WARRANTY

A 5-year guarantee is given on our range of Danish-produced products. The warranty period is stated on the product label and

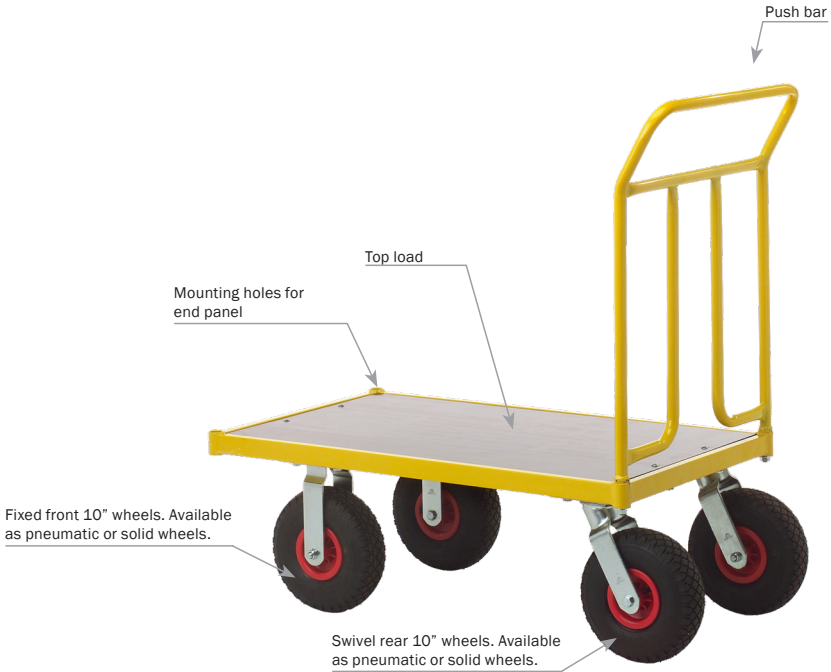
can always be found on [www.ravendo.com](http://www.ravendo.com) under the product page.

The 5 year warranty period only covers defects in material and manufacturing\*.

The warranty does not cover defects due to: Normal wear and tear and deterioration; Inadequate maintenance; Improper use of the product, including overload; Changes in the product, including the use of non-original spare parts as well as unauthorised repair attempts.

\* The warranty does not cover parts such as pans, screws, bolts, rubber strips, wheels and other spare parts that are expected to have a shorter service life than the warranty period.

# PRODUCT VIEW



# ACCESSORIES



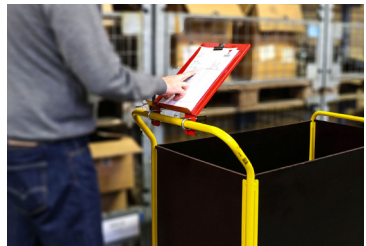
**Writing Desk WD-1**  
614404



**Shelf TWSF 750**  
614473



**End Panel TWEG 750**  
640103



**Wheelset 10" PNEU**  
618544



**Wheelset 250 Solid**  
618545



**Wheelset 10" PUR**  
618546



# TECHNICAL SPECIFICATIONS

## WAREHOUSE TROLLEY TW



Item no	Model	EAN 5701747-	L x W x H mm	H Bottom mm	Load cap. kg	Deadweight kg	Wheels	Ori.
144400	TW 750 M	044009	750 x 500 x 940	280/855	400	22	618545: Solid 200 x 50. 2 swivel and 2 fixed brackets.	DK
144450	TW 750 L	044504	750 x 500 x 1020	365/940	400	29	618544: Pneumatic 3.00 x 4. Steel rim w. roller bearings. 2 swivel and 2 fixed brackets.	DK
144500	TW 1000 M	045006	1000 x 600 x 940	280/855	400	34	618545: Solid 200 x 50. Plastic rim with roller bearings. 2 swivel and 2 fixed brackets.	DK
144550	TW 1000 L	045501	1000 x 600 x 1020	365/940	400	41	618544: Pneumatic 3.00 x 4. Steel rim w. roller bearings. 2 swivel and 2 fixed brackets.	DK
144600	TW 1250 M	046003	1250 x 600 x 940	280/855	400	44	618545: Solid 200 x 50. Plastic rim with roller bearings. 2 swivel and 2 fixed brackets.	DK
144650	TW 1250 L	046508	1250 x 600 x 1020	365/940	400	51	618544: Pneumatic 3.00 x 4. Steel rim w. roller bearings. 2 swivel and 2 fixed brackets.	DK

## WAREHOUSE TROLLEY WITH LOW SIDES LWS



Item no	Model	EAN 5701747-	L x W x H mm	H Bottom mm	Load cap. mm	Deadweight mm	Wheels	Opr. Ori.
144401	TW 750 LWS M	044016	750 x 500 x 940	300	400	32	618545: Solid 200 x 50. 2 swivel and 2 fixed brackets.	DK
144451	TW 750 LWS L	044511	750 x 500 x 1020	300	400	36	618544: Pneumatic 3.00 x 4. Steel rim w. roller bearings. 2 swivel and 2 fixed brackets	DK
144501	TW 1000 LWS M	045013	1000 x 600 x 940	300	400	37	618545: Solid 200 x 50. 2 swivel and 2 fixed brackets.	DK
144551	TW 1000 LWS L	045518	1000 x 600 x 1020	300	400	39	618544: Pneumatic 3.00 x 4. Steel rim w. roller bearings. 2 swivel and 2 fixed brackets	DK
144601	TW 1250 LWS M	046010	1250 x 600 x 940	300	400	41	618545: Solid 200 x 50. 2 swivel and 2 fixed brackets.	DK
144651	TW 1250 LWS L	046515	1250 x 600 x 1020	300	400	47	618544: Pneumatic 3.00 x 4. Steel rim w. roller bearings. 2 swivel and 2 fixed brackets	DK



# WAREHOUSE TROLLEY WITH HIGH SIDES TW HWS



Item no	Model	EAN 5701747-	L x W x H mm	H Bottom mm	Load cap. kg	Deadweight kg	Wheels	Ori.
144402	TW 750 HWS M	044023	750 x 500 x 940	600	400	38	618545: Solid 200 x 50. 2 swivel and 2 fixed brackets.	DK
144452	TW 750 HWS L	044528	750 x 500 x 1020	600	400	44	618544: Pneumatic 3.00 x 4. Steel rim w. roller bearings. 2 swivel and 2 fixed brackets.	DK
144502	TW 1000 HWS M	045020	1000 x 600 x 940	600	400	46	618545: Solid 200 x 50. 2 swivel and 2 fixed brackets.	DK
144552	TW 1000 HWS L	045525	1000 x 600 x 1020	600	400	52	618544: Pneumatic 3.00 x 4. Steel rim w. roller bearings. 2 swivel and 2 fixed brackets.	DK
144602	TW 1250 HWS M	046027	1250 x 600 x 940	600	400	50	618545: Solid 200 x 50. 2 swivel and 2 fixed brackets.	DK
144652	TW 1250 HWS L	046522	1250 x 600 x 1020	600	400	56	618544: Pneumatic 3.00 x 4. Steel rim w. roller bearings. 2 swivel and 2 fixed brackets.	DK

# WAREHOUSE TROLLEY WITH MESH SIDES TW HMS



Item no	Model	EAN 5701747-	L x W x H	H Bottom mm	Load cap. kg	Deadweight kg	Wheels	Ori.
144403	TW 750 HMS M	044030	750 x 500 x 940	240/600	400	31	618545: Solid 200 x 50. 2 swivel and 2 fixed brackets.	DK
144453	TW 750 HMS L	044535	750 x 500 x 1020	320/600	400	36	618544: Pneumatic 3.00 x 4. Steel rim w. roller bearings. 2 swivel and 2 fixed brackets.	DK
144503	TW 1000 HMS M	045037	1000 x 600 x 940	240/600	400	35	618545: Solid 200 x 50. 2 swivel and 2 fixed brackets.	DK
144553	TW 1000 HMS L	045532	1000 x 600 x 1020	320/600	400	39	618544: Pneumatic 3.00 x 4. Steel rim w. roller bearings. 2 swivel and 2 fixed brackets.	DK
144603	TW 1250 HMS M	046034	1250 x 600 x 940	240/600	400	38	618545: Solid 200 x 50. 2 swivel and 2 fixed brackets.	DK
144653	TW 1250 HMS L	046539	1250 x 600 x 1020	320/600	400	44	618544: Pneumatic 3.00 x 4. Steel rim w. roller bearings. 2 swivel and 2 fixed brackets.	DK

# WAREHOUSE TROLLEY WITH SHELVES TWS



Item no	Model	EAN 5701747-	L x W x H mm	H Bottom mm	Load cap. kg	Deadweight kg	Wheels	Ori.
144504	TW 1000 4S M	045044	1000 x 600 x 1690	240/250	400	48	618545: Solid 200 x 50. 2 swivel and 2 fixed brackets.	DK
144554	TW 1000 4S L	045549	1000 x 600 x 1770	320/340	400	54	618544: Pneumatic 3.00 x 4. Steel rim w. roller bearings. 2 swivel and 2 fixed brackets.	DK
144505	TW 1000 5S M	045051	1000 x 600 x 1690	240/250	400	53	618545: Solid 200 x 50. 2 swivel and 2 fixed brackets.	DK
144555	TW 1000 5S L	045556	1000 x 600 x 1770	320/340	400	58	618544: Pneumatic 3.00 x 4. Steel rim w. roller bearings. 2 swivel and 2 fixed brackets.	DK



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