

WALKIE TRACTOR



HelgeNyberg



THE TOWINGHELP YOU NEED

Easy-to-drive towing tractor designed to easily and safely move heavy trailers on wheels. The Ergobjörn® TW-series is a walkie tractor that facilitates heavy work and helps prevent risks of damages and accidents. It can handle loads of up to 2 tonnes with minimal effort.

Ergobjörn® TW-12 och TW-20 makes life easier.



TW-12



TW-20

Dimensions and technical data

Art. no.	14 16 62 12
Max. speed	3,1 mph or 5 km/h
Max. towing capacity	1200 kg
Max. gradient	10%
Length	854 mm
Width	495 mm
Height	1015/1060 mm
Weight incl. battery	90 kg

Motor

Electrical system	24 V (DC)
Power output	400 W
Engine type	DC, Curtis

Wheels

Drive wheels	ø260 Foam filled
Rear wheels	ø75

Batteries

Two different options of batteries.

AGM	Battery set 2x12V/22Ah, incl. box
LI-ION	Lithium 1x24V/31Ah

Examples of accessories

Electric gripper, pin code panel, battery box incl. battery, adjustable mechanically locking hook, battery change trolley etc.

Dimensions and technical data

Art. no.	14 16 62 20
Max. speed	3,1 mph or 5 km/h
Max. towing capacity	2000 kg
Max. gradient	10%
Length	1290 mm
Width	495 mm
Height	955/1120 mm
Weight incl. battery	190 kg

Motor

Electrical system	24 V (DC)
Power output	400 W
Engine type	DC, Curtis

Wheels

Drive wheels	ø260 Skumfyllda
Rear wheels	ø200

Batteries

Three different options of batteries.

AGM	Battery set 2x12V/36Ah
GEL	Battery set 2x12V/76Ah
LI-ION	Lithium 1x24V/31Ah

Examples of accessories

Pin code panel, dual towing device ball and tow pin etc.

HANDLES 1200 KG

WALKIE TRACTOR TW-12

SPEED SELECTOR

Easily adjust speed by pushing a button.

INDUSTRIAL DESIGN

With its modern design, it is user-friendly and very easy to control.

EASY TO HANDLE

Developed to handle roll cages with heavy load.

ERGONOMIC CONTROL

The tiller can be adjusted for the best possible ergonomics.

EASY AND SMOOTH – BUT STRONG

TW-12 is small and petite, but yet it handles to pull up to 1200 kg.

UP TO 10% INCLINE (+/-)

Handles ramps and gradients of up to 10%.

BATTERY REPLACEMENT SYSTEM

The TW-12 has a battery replacement system with a cassette, which makes the battery replacement easy and fast.

FOAM-FILLED WHEELS

The foam-filled wheels are puncture-free and provides stability and a safer operation.

BATTERY SELECTION

Choose between two different types of batteries. Lithium ion and AGM.

DIFFERENTIAL AXIS

Provides good driving characteristics and an easily turned machine.

SECURITY PIN

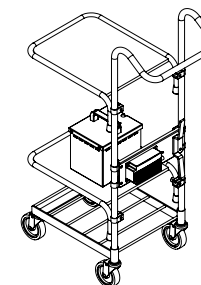
OPTIONAL HOOKS

There are three different types of hooks that fit most couplings to different load carriers, but we also manufacture hooks completely according to the customer's needs.

Accessories



Art. no.	Article
12264110	Pin code panel



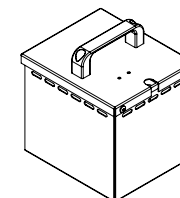
Art. no.	Article
14174020	Battery change trolley

Batteries

There are two options when choosing maintenance-free batteries. AGM batteries or fast-charging Li-ion batteries. The TW-12 has a battery replacement system that makes battery replacement easy and fast.

Art. no.	Li-ion
12264083	Battery set Litium, 1x24V/31Ah
12264087	Charger 24V/15A

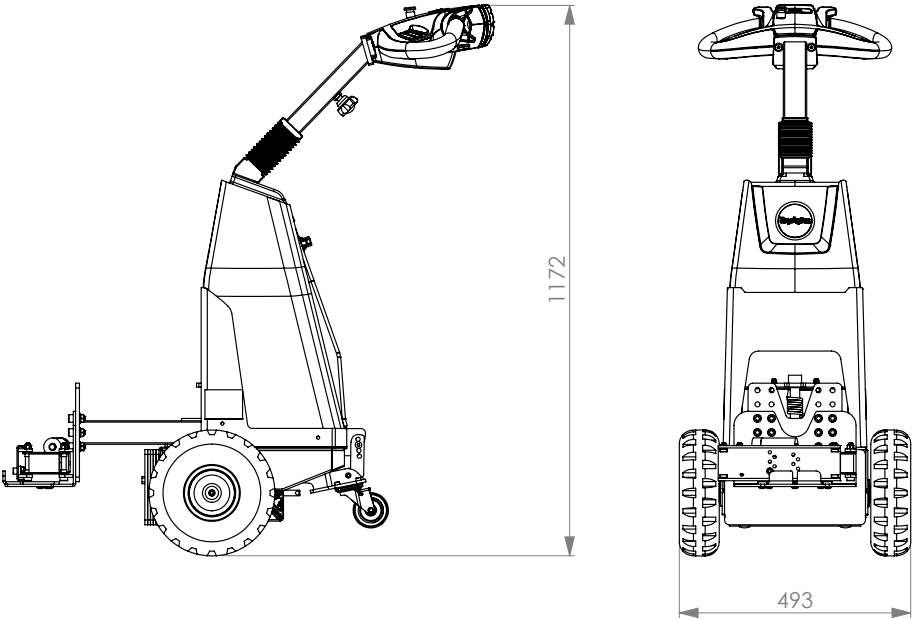
Art. no.	AGM
12264080	Battery set AGM, 2x 12 V/22Ah, inkl. cassette
12264085	Charger 24V/4A



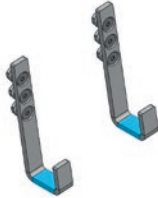
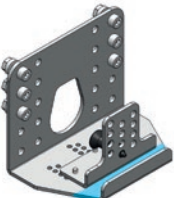
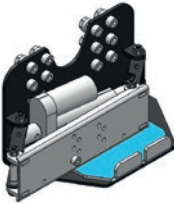
EASY TO DRIVE

Towing tractor TW-12 is designed for easy movement of trolleys and other heavy load-bearing on wheels. It is easy to drive and use. It handles loads of up to 1.2 tonnes with minimal effort. The range includes three different types of hooks, which fits most connections of different load carriers, but we also manufacture hooks completely according to the customer's needs.

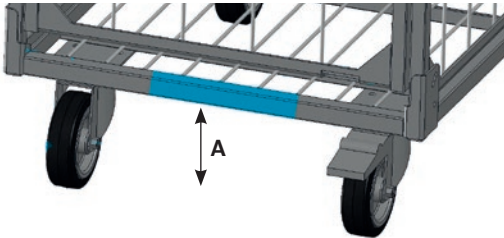
In terms of safety, the TW-12 works well on ramps and gradients of up to 10%. It has an automatic braking system that stops it if the driver releases the handle. Another safety precaution is the electric gripper that locks the cage, which ensures that the load follows safe and stable. With foam-filled, puncture-free wheels, on a differential axis, the TW-12 runs smoothly and evenly, providing a safe ride. The TW-12 is developed with all the good features associated with Ergobjörn® – safety, ergonomics and innovation.



WITH HOOKS FOR EVERYONE

		
Art. no. 12264070	Art. no. 12264100	Art. no. 12264090
Article Standard hooks	Article Adjustable mechanically locking hook	Article Electric gripper
A 70-190 mm	A 92-212 mm	A 100-220 mm
B Max. 52 mm (not used for incline)	B 22-57 mm (not used for incline)	B 20-120 mm

A Min - max height on trolley
B Profile width on trolley



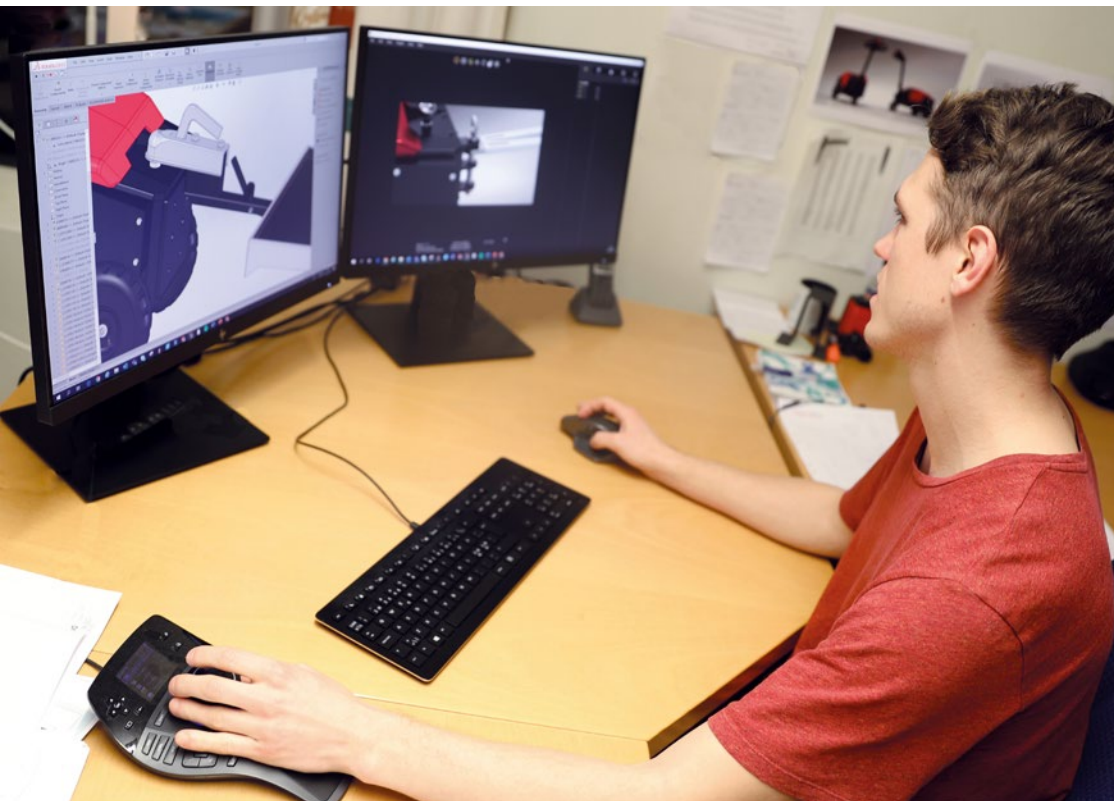
safety

CUSTOM SOLUTIONS

To Helge Nyberg, customized products are not something complicated. We see it as a challenge that develops both our own and the customer's business. The experience and craftsmanship of our research and development department has made us well-known for delivering value-creating solutions based on the customer's conditions.

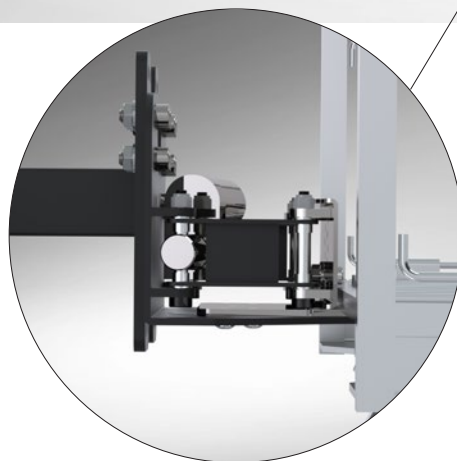
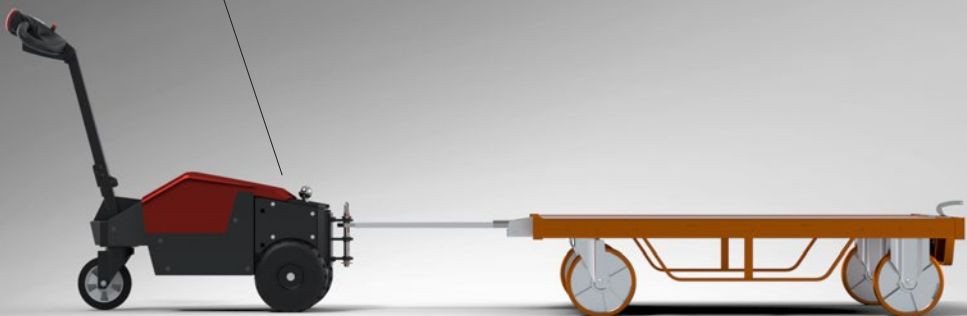
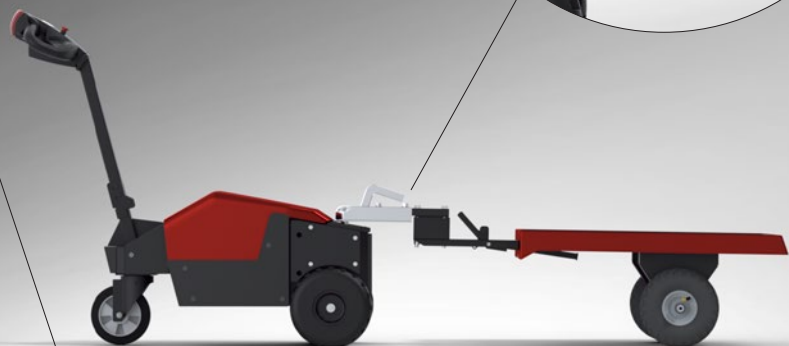
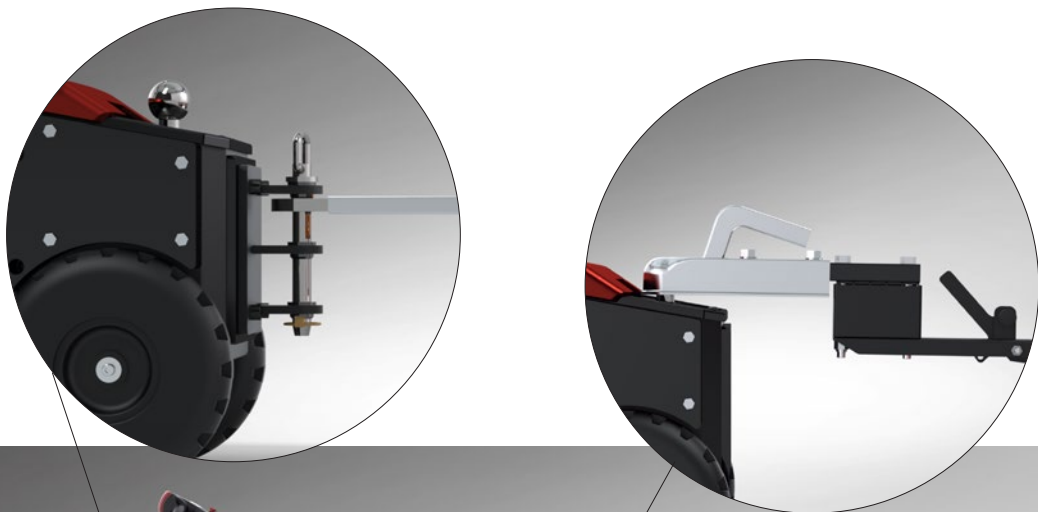
Do you have special wishes for your company? We will solve it, together with you.

ADAPTED TO YOUR NEEDS



We deliver a standard hook that is easy to connect to most trolleys. If the supplied standard hook is not desired, a custom coupling system can be designed by our engineers. In this way we can always offer a suitable solution for your logistical problem.

We can customize the hooks completely to your needs.





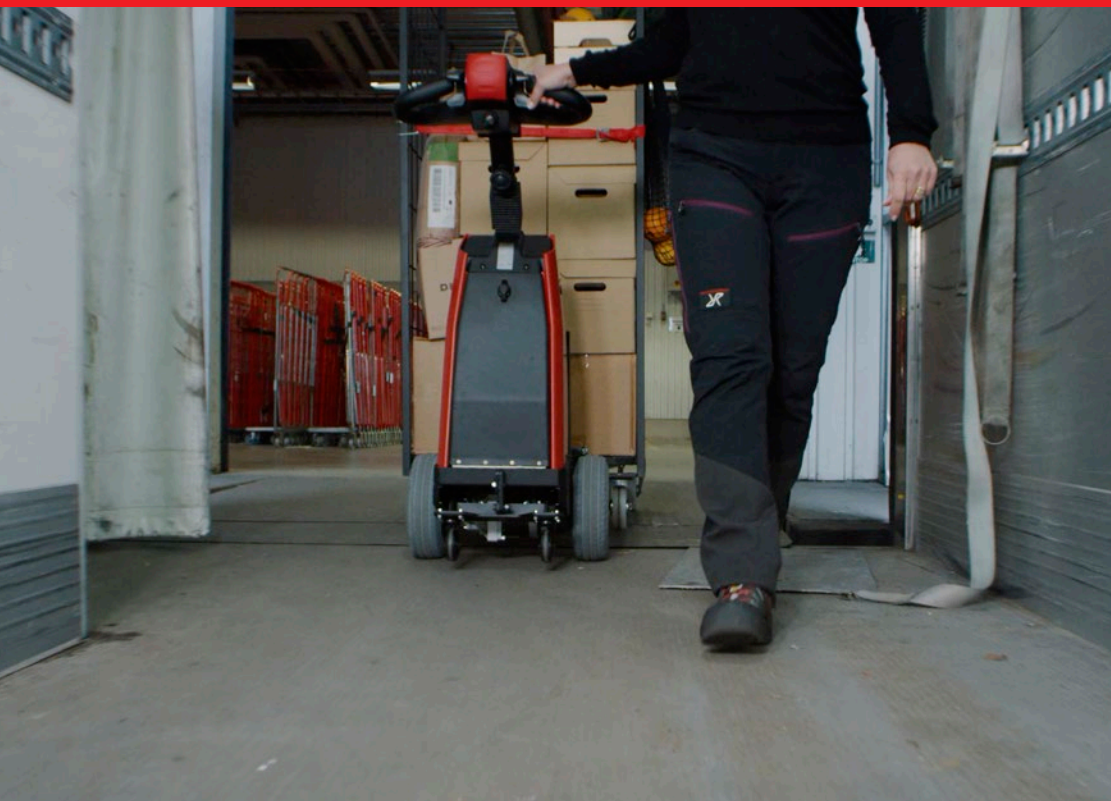
Order No 14257
Item No 14257
Style MINNA W SWEATER
Color OFF WHITE
Qty 23 Pcs
Size XS S M L XL Total Qty
2 7 8 4 2 23 Pcs

Order No 14257
Item No 14257
Style MINNA W SWEATER
Color OFF WHITE
Qty 23 Pcs
Size XS S M L XL Total Qty
2 7 8 4 2 23 Pcs

Order No 14257
Item No 14257
Style MINNA W SWEATER
Color OFF WHITE
Qty 23 Pcs
Size XS S M L XL Total Qty
2 7 8 4 2 23 Pcs

Order No 14257
Item No 14257
Style MINNA W SWEATER
Qty 23 Pcs
Size XS S M L XL Total Qty
2 7 8 4 2 23 Pcs

efficiency



sustainability

HANDLES 2000 KG

WALKIE TRACTOR TW-20



ROBUST & STRONG

TW-20 has a fantastic strength that can tow up to 2 tons.

ERGONOMIC CONTROL

The tiller can be adjusted for the best possible ergonomics.

BATTERY SELECTION

Choose between three different types of batteries. Lithium ion, AGM och gel.

INDUSTRIAL DESIGN

With its modern design, it is user-friendly and very easy to control.

EASY TO HANDLE AND COMPLIANT

Developed to make heavy work easy.

UP TO 10% INCLINE

Handles ramps and gradients of up to 10%.

FOAM-FILLED WHEELS

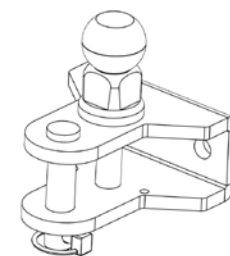
The foam-filled wheels are puncture-free and provides stability and a safer operation.

DIFFERENTIAL AXIS

Provides good driving characteristics and an easily turned machine.



Art. no.	Article
12264111	Pinkodspanel



Art. no.	Article
07070430	Dual towing device ball and tow pin

Batteries

There are three options when choosing maintenance-free batteries. AGM, GEL or Li-ion batteries.

Art. no.	AGM
12264081	Battery set AGM, 2x 12 V/36Ah
12264085	Charger 24V/4A

Art. no.	GEL
12264082	Battery set GEL, 2x 12 V/76Ah
12264086	Charger 24V/16,5A

Art. no.	Li-ion
12264084	Battery set Lithium, 1x24V/31Ah
12264087	Charger 24V/15A

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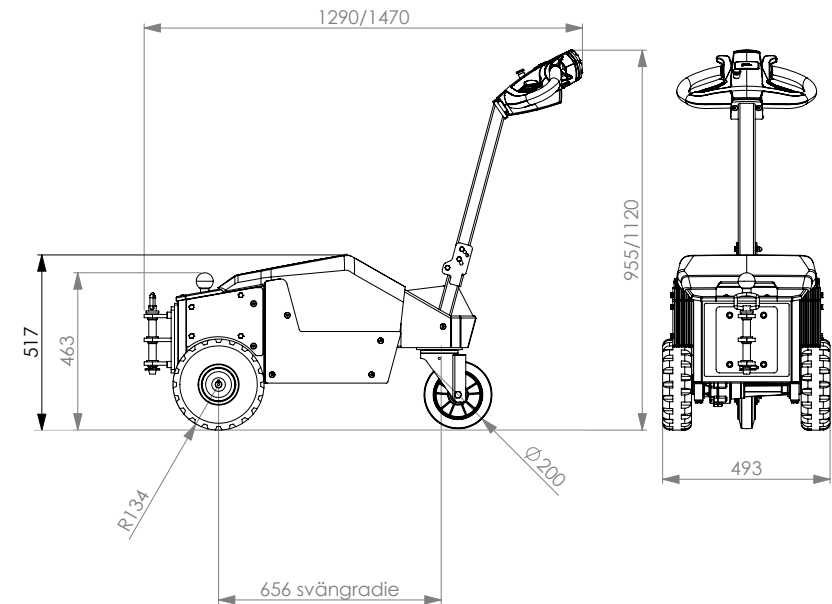
DEVELOPED TO MAKE HEAVY WORK EASY

Towing truck TW-20 is designed for easy movement of load carriers. It is easy to drive and easy to use. Its strength allows it to handle loads of up to 2 tonnes with minimal effort. The robust design is designed to make heavy work easy, create good ergonomics and increased efficiency.

In terms of safety, the TW-20 works well on ramps and gradients up to 10%. It has an automatic braking system that stops it if the driver releases the handle. With foam-filled, puncture-free wheels, on a differential axis, the TW-20 runs smoothly and stably, providing a safe ride.

The walkie tractor has two speed selections and it is possible to program which speeds are desired. The tiller is easy to adjust, making it ergonomic for drivers with different length.

The TW-20 has two coupling devices, which allow you to connect the load carrier either with the towbar, or the ball that is placed on the top of the walkie tractor.



greatest gain
ergonomics”

Thomas Tengvall
production engineer Brenderup Group AB



LOGISTICS & ERGONOMICS

Logistics is about getting the right material to the right place at the right time. Moving heavy material is mainly done on trolleys and is often handled manually. Lifting, pushing and pulling heavy loads can eventually lead to back, neck and shoulder pain. As an employer, you have responsibility for your employees and in addition to the fact that the employee can no longer perform their work, it leads to a higher absence from the workplace and also higher costs for the employer.

With Ergobjörn® walkie tractor, no physical effort is required from the personnel. The load is completely placed on the electric tractor, which means they can work ergonomically and thus feel much better.

What is a walkie tractor?

A walkie tractor is a battery-powered machine used to move heavy loads on wheels. It ensures that no physical effort is needed. This saves the human body and makes it possible to work more efficiently, as several heavy loads can be moved at the same time.

When the load is connected to the tractor, it can easily be moved. In this way, ergonomics are improved and this leads to an extremely efficient work process.

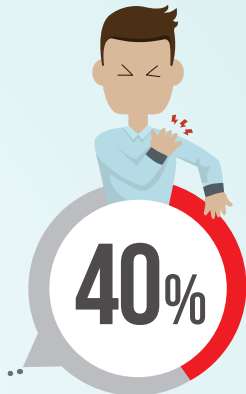


ergonomics

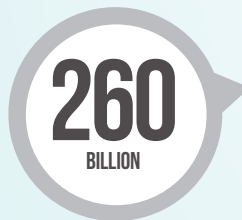
HOW DO YOU TAKE CARE OF YOUR BODY?



IT IS INAPPROPRIATE TO
MANUALLY HANDLE GOODS
HEAVIER THAN 15 KG.



ABOUT 40% OF ALL WORK-
RELATED INJURIES IS CAUSED BY
LOAD FACTORS SUCH AS HEAVY
LIFTING AND MONOTONOUS WORK.



WORK-RELATED INJURIES COST
SOCIETY APPROXIMATELY 260
BILLION EURO PER YEAR IN EU.



EVERY FIFTH VISITS TO THE DOCTOR
CAN BE RELATED TO BACK PROBLEMS.
OFTEN DUE TO WRONG LIFTING.

THE RIGHT TRACTOR SAVES YOUR BACK.



development

innovation



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