



The liftmobile takes over manual lifting

www.tiller.eu



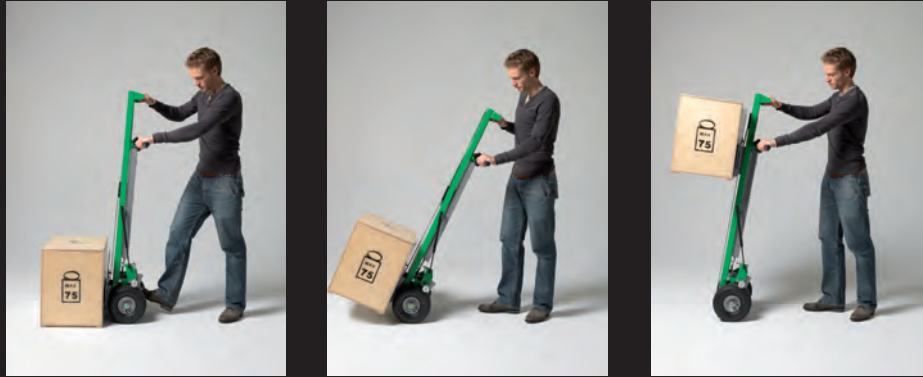
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No more manual lifting

You and your co-workers physically lift heavy packages out of the van, off the pallet, onto the workbench and shelves – by force of habit. A bad habit, because in ten to twenty years you will suffer back problems and work loss.

The patented liftmobile of Tiller BV is a device that takes over lifting.



The plus-points of the liftmobile of Tiller®:

- Lifting, moving and mounting with one compact tool;
- One person moves loads that would normally take two or more workers;
- Lifts itself into the van and onto platforms;
- Ultra light steering;
- Easy to balance also when load is lifted;
- Extremely simple to operate;
- Prevents work loss;
- Prevents Health & Safety fines for physical stress;
- No tail lift required;
- Exchangeable loadplatforms and no hassle of thresholds;
- Workers do not get tired from lifting;
- Less breakages and personal accidents.

Technical specifications

	Original 09	Large	Extra Large
Max. load:	75 kg	120 kg	160 kg
Lifting speed:	100 mm/s	60 mm/s	40 mm/s
Max. lifting height:	1.10 m	0.80 m	0,80 m
Loadplatform depth:	0.35 m	0.35 m	0.35 m
Weight:	42 kg	42 kg	42 kg
Voltage:	24 V	24 V	24 V
Height:	1.55 m	1.55 m	1.55 m
Width:	0.52 m	0.52 m	0.52 m
Material:	coated steel	coated steel	coated steel
Full battery:	300 lifts	300 lifts	300 lifts

Multiple applications

The liftmobile of Tiller® has industry specials available for the glass trade, catering and household appliances. Made-to-measure accessories can be supplied for lifting barrels, displays/mini pallets and other specific objects. A battery charger for use on a van or truck is available.

More information

For more information and videos of the liftmobile of Tiller®, please visit www.tiller.eu or e-mail us at info@tiller.eu

Inventor

Since 1978 Herman van der Helm has run a company in agricultural mechanisation and industry. In his company he repairs and trades in tractors and other machines. Since 1980 he develops and sells new products.

Realization of the liftmobile

Herman had backaches himself that would bother him from time to time. In 1992 the idea arose; unfortunately technology was not far enough to realize it. In 2007 Herman van der Helm restarted the development of the liftmobile, helped by his daughter Laura, who studied industrial design. Herman uses the Tiller for 4 years now in his own company and has not had any more backaches.

Awards

- 2010 Winner Pitch competition "Bij ons in de BV"
- 2010 Nomination "Herman Wijffels Innovation Award"
- 2011 Nominated "MKB Innovation Top 100"
- 2011 Gold Medal at "Salon des Inventions" in Genève
- 2012 "Accenture Innovation Award" best 3 in consumer products
- 2012 CAPEB Special Jury Award
- 2012 Technishow Innovation Award
- 2013 Occupational Health-tip: Healthy Transport
- 2013 Safety 2013: Innovation Award

Media

For information about the liftmobile of Tiller® and it's applications you can go to our website: <http://www.tiller.eu>
Here you will find all videos and datasheets of the liftmobile and its applications.



For questions, possibilities and technical support, you can contact us at info@tiller.eu



All the videos of the liftmobile and the applications are available on our Youtube-channel:
<http://www.youtube.com/user/personalweightlifter>



Application Glass



Application Glass Advanced





Application Crates (Grolsch)



Application Palletfork short



Application Extension



Application Washer

Application Wheels Advanced



Application Wheels



Application Windows

Application Barrels



Application Lifting hook



Application exchange

Supply

Every liftmobile comes complete with a standard pallet and a charger for the battery (100-240V)
Extra pallets can be ordered separately.

- Pallet

Material: Multiplex BB 12mm
Dimensions: 400mm x 600mm



- Charger

Current: 0,9 A
Dimensions: 110mm x 70mm
Voltage: 110V - 220V
Charging time: 10 hr
After charging: trickle charge



Certification

The liftmobile is CE certified. This means that the liftmobile complies with all laws and regulations within the EEC (European Union including Liechtenstein, Norway and Iceland). Every liftmobile comes with a "Declaration of Conformity". This "Declaration of Conformity" is coupled to the serial-number on each liftmobile.

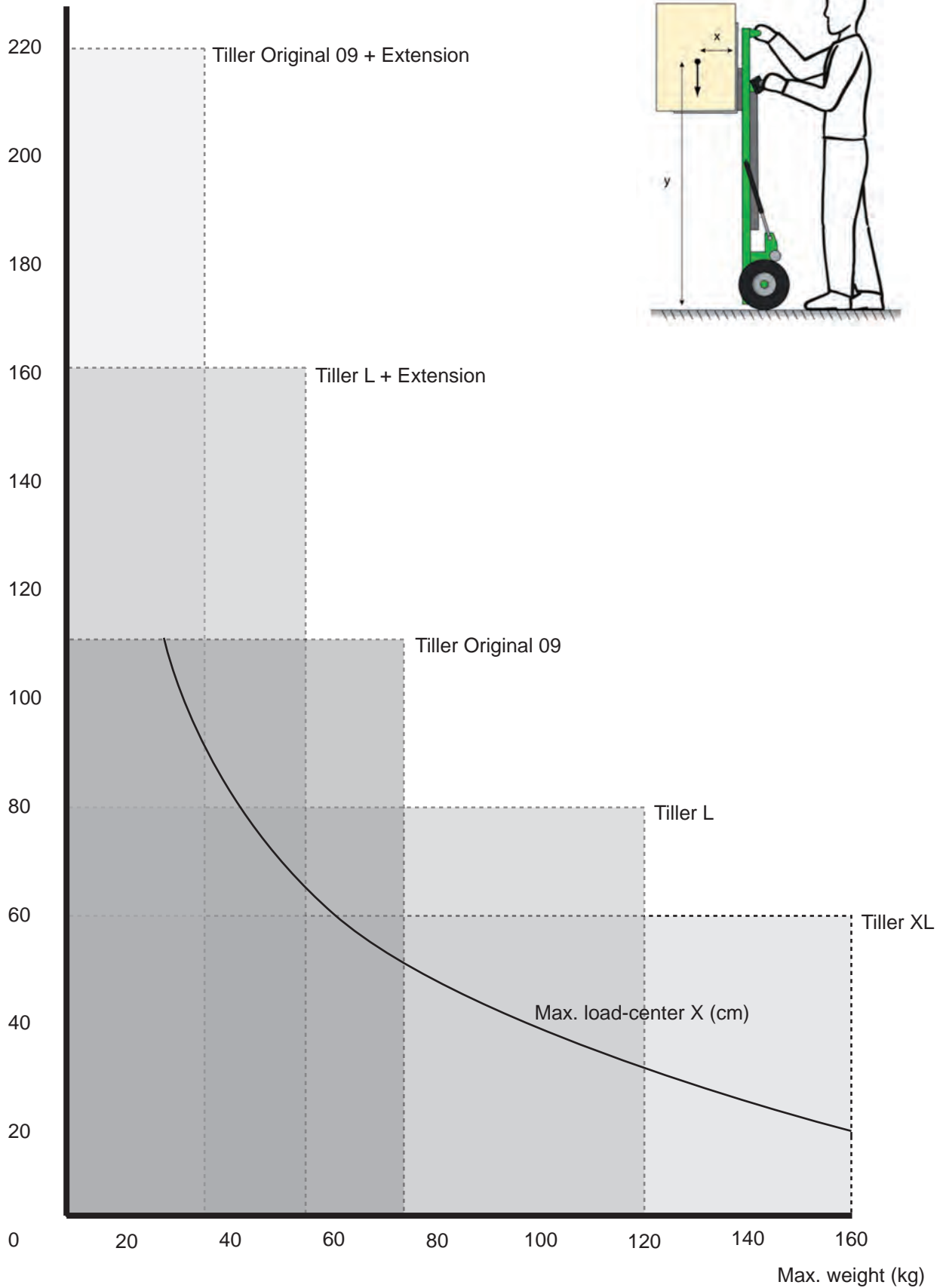
Machinery Directive (2006/42/EG)
EMC Directive (2004/108/EG)
Low Tension Directive (2006/95/EG)

For risk analysis:
NEN-EN-ISO 14121-1; NPR/ISO-TR 14121-2

For design and manufacturing:
NEN-EN-ISO 12100-1; NEN-EN-ISO 12100-2;
NEN-EN-IEC 60204-1; NEN-EN 574;
NEN-EN 349; NEN-EN-IEC 61000-6-2; NEN-EN-IEC 61000-6-4



Max. liftingheight Y (cm)





General

Version	Standaard
Type	Original 09
Art.nr.	12225

Capacity

Max. liftcapacity	75 kg
Displacement	110 cm
Initial height	4 mm
Lifting speed	100 mm/s with/without load

Dimensions

Overall height	155 cm
Overall width	52 cm
Overall depth	63 cm
Weight	42 kg
Pneumatic tyre	4.10/3.50 - 4
Diameter tyre	280 mm
Tyre width	80 mm

Standard loadplatform

Depth	35 cm
Width	30 cm
Height	50 cm

Electric specifications

Built-in accupack	NiMh
Voltage	24 V
Current	9 A
Full battery	300 lifts
Charger	0,9 A (automatic trickle charge)
Charging time	10 hr
Actuator	2 pcs

Technical specifications

Liftmobile Large (L)



General

Version	Large
Type	Original 09
Art.nr.	12672

Capacity

Max. liftcapacity	120 kg
Displacement	80 cm
Initial height	8 mm
Lifting speed	60 mm/s with/without load

Dimensions

Overall height	155 cm
Overall width	52 cm
Overall depth	63 cm
Weight	43 kg
Pneumatic tyre	4.10/3.50 - 4
Diameter tyre	280 mm
Tyre width	80 mm

Standard loadplatform

Depth	35 cm
Width	30 cm
Height	50 cm

Electric specifications

Built-in accupack	NiMh
Voltage	24 V
Current	9 A
Full battery	300 lifts
Charger	0,9 A (automatic trickle charge)
Charging time	10 hr
Actuator	2 pcs



General

Version	Extra Large
Type	Original 09
Art.nr.	12689

Capacity

Max. liftcapacity	160 kg
Displacement	60 cm
Initial height	8 mm
Lifting speed	40 mm/s with/without load

Dimensions

Overall height	155 cm
Overall width	52 cm
Overall depth	63 cm
Weight	44 kg
Pneumatic tyre	4.10/3.50 - 4
Diameter tyre	280 mm
Tyre width	80 mm

Standard loadplatform

Depth	35 cm
Width	30 cm
Height	50 cm

Electric specifications

Built-in accupack	NiMh
Voltage	24 V
Current	9 A
Full battery	300 lifts
Charger	0,9 A (automatic trickle charge)
Charging time	10 hr
Actuator	2 pcs



General

Version	Extension
Type	Tiller Original 09, Tiller Large
Art.no.	12799

Capacity

Max. liftingcapacity	Tiller Original 09 35kg, Tiller L 55kg
Displacement	Tiller Original 09 220cm, Tiller L 160cm
Initial height	4 mm

Dimensions

Overall height	155 cm
Overall width	30 cm
Overall depth	11 cm
Weight	11 kg



General

Version	Glass
Type	Original 09, Tiller L and XL
Art.no.	12328

Capacity

Max. liftingcapacity	Tiller Original 09 75 kg, Tiller L 120kg, Tiller XL 150kg
Displacement	Tiller Original 09 110cm, Tiller L, Tiller XL 80cm
Initial height	18 cm

Dimensions

Overall height	105 cm
Overall width	40 cm
Overall depth	15-23 cm
Weight	8 kg
Suction lifter (2 pcs)	pump hand-activated
Diameter suction lifter	21 cm

Various

Translation	4 x 90 degrees
By using wheels which are placed perpendicular, there is lateral displacement of the Tiller possible with this accessory.	



General

Version	Glass Advanced
Type	Original 09
Art.no.	12678

Capacity

Max. liftingcapacity	Tiller Original 09 70kg
Displacement	Tiller Original 09 110cm
Initial height	18 cm

Dimensions

Overall height	130 cm
Overall width	40 cm
Overall depth	40 cm
Weight	11 kg
Suction lifter (2 pcs)	pump hand-activated
Diameter suction lifter	21 cm

Various

Translation	4 x 90 degrees
Transport in the length of the driving direction is possible with this accessory.	



General

Version	Washer
Type	Tiller Original 09, Tiller L
Art.no.	12438

Capacity

Max. liftingcapacity	Tiller Original 09 75kg, Tiller L 120kg
Displacement	Tiller Original 09 110cm, Tiller L 80cm
Initial height	4 mm

Dimensions

Overall height	50 cm
Overall width	60 cm
Overall depth	20 cm
Weight	12 kg

Various

Bumper (4 pcs)	Rubber
Strap with ratchet lever	



General	
Version	Palletfork Short
Type	Tiller Original 09, Tiller L
Art.no.	12439

Capacity	
Max. liftingcapacity	Tiller Original 09 75kg, Tiller L 120kg
Displacement	Tiller Original 09 110cm, Tiller L 80cm
Initial height	11 cm

Dimensions	
Overall height	50 cm
Overall width	46 cm
Overall depth	30 cm
Weight	6 kg

Various	
Suitable with synthetic display-pallets 400mm x 600mm	



General

Version	Palletfork Long
Type	Tiller Original 09, Tiller L
Art.no.	12453

Capacity

Max. liftingcapacity	Tiller Original 09 75kg, Tiller L 120kg
Displacement	Tiller Original 09 110cm, Tiller L 80cm
Initial height	9 cm

Dimensions

Overall height	50 cm
Overall width	46 cm
Overall depth	45 cm
Weight	6 kg

Various

Suitable for EURO-pallets



General	
Version	Tyres
Type	Original 09
Art.no.	12690

Capacity	
Max. liftcapacity	75 kg
Displacement	110 cm
Initial height	4 cm

Dimensions	
Overall height	90 cm
Overall width	42 cm
Overall depth	50 cm
Weight	8 kg
Max. diameter tyres	80 cm

Various	
Translation	360 degrees



General	
Version	Tyres Advanced
Type	Original 09, Tiller L
Art.no.	12443

Capacity	
Max. liftingcapacity	Tiller Original 09 75kg, Tiller L 120kg
Displacement	Tiller Original 09 110cm, Tiller L 80cm
Initial height	2 cm

Dimensions	
Overall height	90 cm
Overall width	42 cm
Overall depth	50 cm
Weight	8 kg
Max. diameter tyres	80 cm

Various	
Translation	55 degrees
Suitable for tyres without profile.	



General

Version	Magnet
Type	Tiller Original 09
Art.no.	12440

Capacity

Max. lifting capacity	75 kg
Displacement	110 cm
Initial height	4 mm

Dimensions

Overall height	50 cm
Overall width	30 cm
Overall depth	40 cm
Weight (included magnet)	11 kg
Weight hand lever	5 kg

Various

Magnetic force	100 kg
Magnet can be switched on/off and can rotate a few degrees	



General	
Version	Barrels
Type	Original 09
Art.no.	12441

Capacity	
Max. liftingcapacity	75 kg
Displacement	110 cm
Initial height	4 mm

Dimensions	
Overall height	70 cm
Overall width	30 cm
Overall depth	6 cm
Weight	7 kg
Hook height	62 cm

Various	
Suitable for barrels of 50L.	



General	
Version	Crates
Type	Original 09
Art.no.	12444

Capacity	
Max. liftingcapacity	75 kg
Displacement	110 cm
Initial height	4 mm

Dimensions	
Overall height	98 cm
Overall width	30 cm
Overall depth	2,4 cm
Weight	6 kg

Various	
Suitable for max. 4 crates type Grolsch	



General	
Version	Lifting hook
Type	Original 09
Art.no.	12442

Capacity	
Max. lifting capacity	75 kg
Displacement	110 cm
Initial height	None

Dimensions	
Overall height	98 cm
Overall width	30 cm
Overall depth	20 cm
Weight	6 kg

Various	
Strap with ratchet lever equipped with safety hook	