

# Forklift and Warehouse Accessories

2022/2023





## **Dear customer**

For more than 65 years, our Jungheinrich products and services have been making logistics hearts beat faster. Because we are driven by reliable intralogistics solutions that provide maximum performance and meet every challenge.

We also have high standards for quality and performance when it comes to our accessories. Often small adjustments can make a big difference.

Whether it is changed logistics processes, new occupational safety requirements or legal regulations - we have the solution. With original accessories from Jungheinrich, we offer you a wide range of products that can quickly and easily meet your individual warehouse and forklift requirements. They protect your employees, warehouse and goods, increase productivity and also save costs.

For enquiries and orders, please contact your Jungheinrich sales manager or use our webshop "Jungheinrich Parts Online".

We hope you enjoy browsing through it.

Your Jungheinrich Team



DUNGHEINRICH



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# LED Warning Lights

Hardly any other warning device is perceived as actively as the bright light of a warning light. Even in noisy warehouses or at a greater distance, they are clearly visible and indicate a potential source of danger. With early notification of safety hazards, employees can react promptly and avoid potential accidents. Benefits: early detection of dangers, avoidance of accidents during operation, reduce the risk of accidents and costs caused by damage and downtime, protection of danger areas, more security and protection for employees and equipment.

## SYMBOLS LED WARNING LIGHTS



360° solution



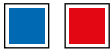
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colour



## Floor-Spot

The Floor-Spot helps to avoid accidents at intersections and narrow corridors.

- ▶ Projects red or blue spot onto the ground. With a diameter of approx. 50 cm the point of the small version is almost three times the size of the regular Floor-Spot.
- ▶ The housing of the small version is almost a third smaller than the one on the standard Floor-Spot and especially suitable for driver shelters where space is limited



MATERIAL NO.	COLOUR
<b>A</b> Floor-Spot, 12 V–48 V	
51806570	Blue
51806569	Red



MATERIAL NO.	COLOUR
<b>B</b> Floor-Spot Small, 12 V–110 V	
51684803	Blue
51684804	Red



## Floor-Spot Arrow

The Floor-Spot Arrow clearly indicates the direction of driving, even to slowly approaching vehicles.

- ▶ Projects a blue arrow on the ground
- ▶ Optical warning of dangers



MATERIAL NO.	COLOUR
<b>Floor-Spot Arrow, 12 V–110 V</b>	
51693298	Blue





### Floor-Stripe

The Floor-Stripe is a zoning light that projects a colored line on the floor, which clearly marks the boundary of a danger zone.

- ▶ Warns employees that increased attention is needed in the defined area
- ▶ Available in blue, red or yellow



12–36 V MATERIAL NO.	48–90 V MATERIAL NO.	COLOUR
<b>Floor-Stripe</b>		
51826542	51820971	Blue
51826541	51820966	Red
51831452	51820977	Yellow



### Floor-Bow

The Floor-Bow projects a clearly visible semicircle in front of or next to a danger zone.

- ▶ Easy and quick installation with universal bracket
- ▶ 360° solution possible (two mounted lights, front and back)
- ▶ Can be combined with additional lighting types



MATERIAL NO.	COLOUR
<b>Floor-Bow, 12 V–72 V</b>	
51826880	Blue
51826885	Red
51826884	Green





## Danger Zone Light

Zone light for the visual indication of danger zones.

- ▶ The entire danger zone is effectively marked with a visible light
- ▶ Especially suitable for use on temporarily stationary vehicles, such as a scissor lift pallet trucks or defective forklift trucks



MATERIAL NO.	COLOUR
<b>Danger Zone Light, 12 V–110 V</b>	
51684802	Red



A



B



## Beacon Light/Flashing Light

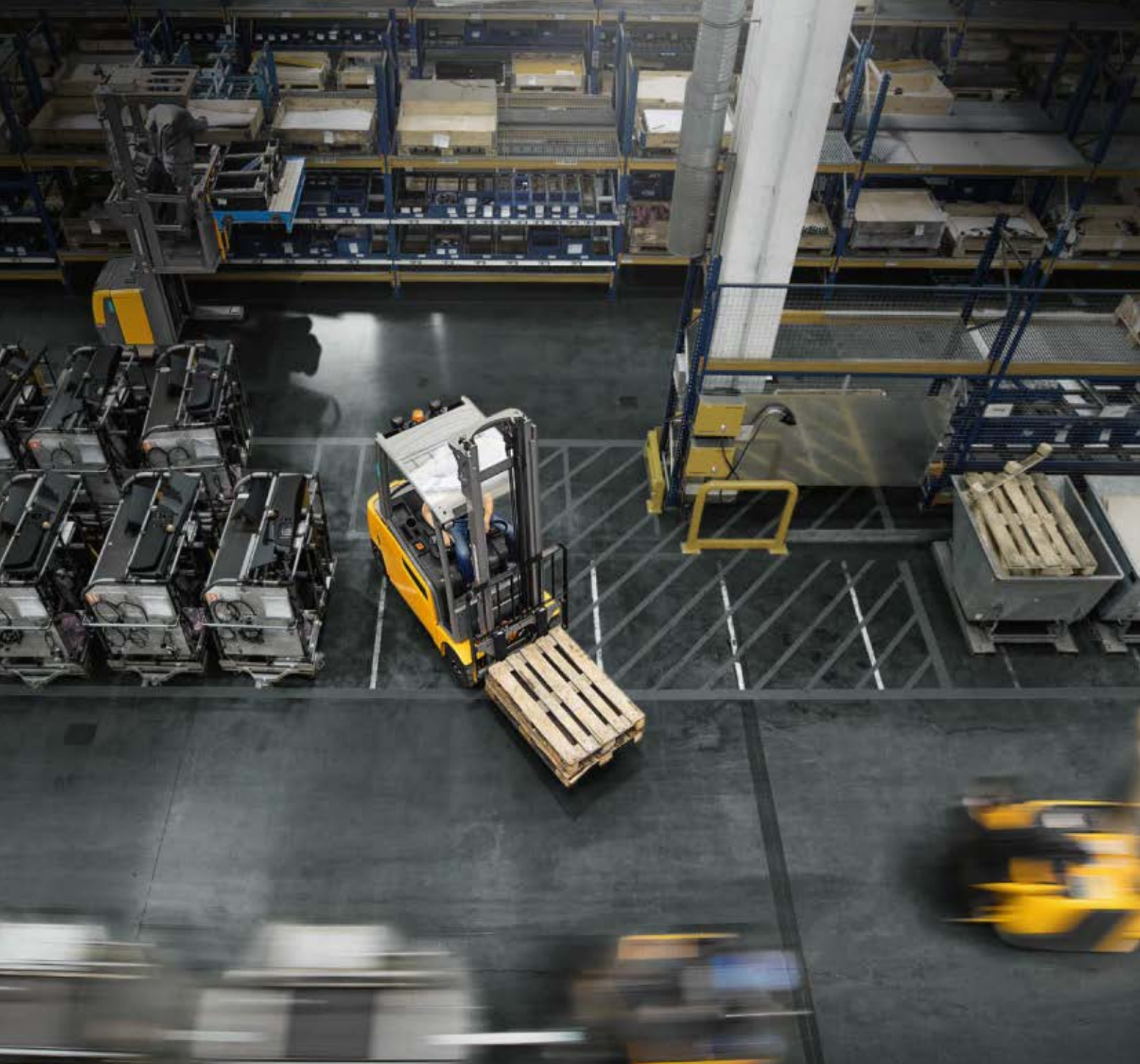
The LED Beacon Light and the Flashing Light are the classics when it comes to making work areas safer.

- ▶ Durable LED lighting with five adjustable modification levels
- ▶ 360° rotating cone of light ensures good visual
- ▶ Warns against sources of danger even from distance



MATERIAL NO.	PRODUCT
<b>Beacon Light/Flashing Light, 12 V–80 V</b>	
51527987	A Beacon Light
51802313	B Flashing Light





# Collision Protection

Simple accessories can often help minimise and prevent the risk of work-related accidents as well as damage to persons and equipment. Reduce the risk of collision and increase the safety in your warehouse.

## SYMBOLS COLLISION PROTECTION



Optical  
signal



Acoustic  
signal



Weatherproof



Radio  
control



Available  
colour



## Collision Warning System

Blind corners and intersections are a common hazard in most industrial settings. The Jungheinrich collision warning system helps to lessen these hazards.

- ▶ Sends a warning when it senses objects moving in both of its detection zones
- ▶ Visual and acoustical warning through flashing light and warning signal
- ▶ Regulation and deactivation of acoustic warning signal possible



MATERIAL NO.	SCOPE OF DELIVERY
<b>Collision Warning System</b>	
51841502	Collision warning system incl. battery and cable tie



## Panoramic Mirror

The use of the panoramic mirror guarantees improved visibility.

- ▶ With variable height and lateral adjustment
- ▶ Scratch- and water-resistant



MATERIAL NO.	PRODUCT
<b>Panoramic Mirror</b>	
51617663	180° panoramic mirror

## Accessories

MATERIAL NO.	TYPE
50470544	Mounting kit standard
50471209	Mounting kit for ETV

**SERVICE CONTACT AROUND THE CLOCK!**

## Call4Service

Send your service enquiries with the "Jungheinrich Call4Service" app.





### Safety Bar for Forks

The Jungheinrich safety bars are designed to reduce the likelihood of injury thanks to improving the visibility of forks without a load.

- ▶ The beam is designed for forks with a tip thickness of 10 mm, 15 mm and 20 mm – and a maximum fork spacing of 580 mm, measured from outside edges of both forks
- ▶ Good visibility due to red and white colored hatching
- ▶ Fork tip plug-on on the inside and an additional slip protection allows a prompt and secure fastening



MATERIAL NO.	PRODUCT
<b>Safety Bar for Forks</b>	
52014381	Safety bar



### Shock Sensor

Reduction of impact damage on trucks, racking, doors, gates and goods.

- ▶ Prevention of damage to personnel and equipment
- ▶ Sensor registers impacts and damages
- ▶ Emits an acoustic warning signal as soon as a specified threshold is exceeded
- ▶ It is also possible to additionally realise visual warning signals



MATERIAL NO.	EQUIPMENT
<b>Shock Sensor</b>	
51229267	Starter set complete
51229264	Basic equipment for every additional truck





## Camera Systems



The Jungheinrich camera systems offer a versatile, cost-effective and instantly applicable camera retrofit solution. All retrofit kits are equipped with powerful Li-Ion batteries and do not require control system integration. The individual components can be installed quickly and flexibly to the truck using a magnetic holder. For further efficiencies, selecting a Wi-fi/radio option eliminates additional material and installation costs. In addition, the cables and cable management components are no longer required, thus reduce costs due to wear and tear. The digital radio technology guarantees a delay-free and interference-resistant signal transmission.

- ▶ Increased efficiency through faster and more precise storage and picking
- ▶ Increased safety for personnel, machines, and storage equipment due to optimum visibility
- ▶ Increased driving comfort and improved ergonomics thanks to clear forward visibility over the load and safe backward navigation without having to constantly turn around
- ▶ All camera sets with Wi-fi/radio option for minimum installation effort and wear and tear
- ▶ All camera sets include long-lasting Li-Ion batteries and high-performance magnetic mounts for maximum flexibility and truck autonomy

**For further details, please see the following pages.**



### INSTALLATION TIPS

All monitors are delivered with a "RAM-Mount" C ball. The device for installation in the driver's cab (e.g. the RAM mount socket arm) must be ordered separately. Information regarding mounting options can be found from page 44.

Additional small materials (cable ties, cable fixings, adhesive tape, etc.) may be required for compact installation of the wiring on the fork carriage and inside the driver's cab.












### EXTENSION TIPS

The battery lifespan is normally approx. 8–10 hours. If the truck is utilised in a multiple shift, it is recommended to order an additional battery (Mat. No. 51725385).

All systems can be retrofitted with additional camera types. Please refer to the operating instructions for further information. On request, we will be happy to create a personalised solution for you.



## Camera Systems – Retrofit Kits

MATERIAL NO.	TECHNOLOGY	CAMERA TYPE	SIGNAL	IMAGE	FURTHER PACKAGE CONTENTS
<b>Fork Arm Camera – retrofit kit incl. operating manual</b>					
51725412	Via Wi-fi on tablet or smartphone		 	iOS or Android app	<ul style="list-style-type: none"> <li>• Li-Ion battery</li> <li>• Charger</li> <li>• 2x magnet kit "square"</li> </ul>
51725413	Wireless on monitor				<ul style="list-style-type: none"> <li>• 2x Li-Ion battery</li> <li>• Charger</li> <li>• 4x magnet kit "square"</li> </ul>
51725415	Integrated wireless monitor	 	Integrated transmitter/receiver	 	<ul style="list-style-type: none"> <li>• 2x Li-Ion battery</li> <li>• Charger</li> <li>• Magnet kit "round"</li> </ul>
<b>Front View Camera – retrofit kit incl. operating manual</b>					
51725416	Via Wi-fi on tablet or smartphone		 	iOS or Android app	<ul style="list-style-type: none"> <li>• Li-Ion battery</li> <li>• Charger</li> <li>• Magnet kit "round" and 2x magnet kit "square"</li> </ul>
51725419	Wireless on monitor				<ul style="list-style-type: none"> <li>• 2x Li-Ion battery</li> <li>• Charger</li> <li>• Magnet kit "round" and 4x magnet kit "square"</li> </ul>
51725421	Via cable on monitor				<ul style="list-style-type: none"> <li>• Li-Ion battery</li> <li>• Charger</li> <li>• Magnet kit "round"</li> </ul>
51725423	Integrated wireless monitor	 	Integrated transmitter/receiver	 	<ul style="list-style-type: none"> <li>• 2x Li-Ion battery</li> <li>• Charger</li> <li>• Magnet kit "square"</li> </ul>
<b>Rear View Camera – retrofit kit incl. operating manual</b>					
51725425	Via Wi-fi on tablet or smartphone		 	iOS or Android app	<ul style="list-style-type: none"> <li>• Li-Ion battery</li> <li>• Charger</li> <li>• Magnet kit "round" and 2x magnet kit "square"</li> </ul>
51725429	Wireless on monitor				<ul style="list-style-type: none"> <li>• 2x Li-Ion battery</li> <li>• Charger</li> <li>• Magnet kit "round" and 4x magnet kit "square"</li> </ul>
51725432	Via cable on monitor				<ul style="list-style-type: none"> <li>• Li-Ion battery</li> <li>• Charger</li> <li>• Magnet kit "round"</li> </ul>
51725435	Integrated wireless monitor	 	Integrated transmitter/receiver	 	<ul style="list-style-type: none"> <li>• 2x Li-Ion battery</li> <li>• Charger</li> <li>• Magnet kit "square"</li> </ul>



## Camera Systems – Individual Components



<b>MATERIAL NO.</b>	51725372	51725400	51725379	51725384	51725401
<b>CAMERAS</b>	Fork-arm camera	Wireless fork-arm camera	Rear view camera	Front view camera	Wireless rear/front view camera



<b>MATERIAL NO.</b>	51725388	51725398	51725409
<b>MONITORS</b>	Monitor	Wireless monitor	Operating manual camera systems



<b>MATERIAL NO.</b>	51725383	51725390	51725395
<b>TRANSMITTERS</b>	Wi-fi transmitter	Digital transmitter/receiver set	Digital transmitter



<b>MATERIAL NO.</b>	51725385	51725387	51749349
<b>ACCESSORIES</b>	Li-Ion battery	Charger	Data recorder



<b>MATERIAL NO.</b>	51725397	51725376	51725378
<b>MOUNTING</b>	RAM ball	Magnet kit "round"	Magnet kit "square"



<b>MATERIAL NO.</b>	51725403	51725405	51725406	51725407	51725408
<b>4-PIN CABLE</b>	2 m	5 m	10 m	15 m	20 m



# Warehouse Safety

Upgrade your operation with ram protection fixtures to protect your load, equipment and buildings. With the Jungheinrich barrier systems you can quickly and easily secure danger zones in your exterior and interior operations. Due to the clear marking of potential danger zones and effectively placed ram protection, you can avoid expensive downtimes and repair costs in your operation.

## SYMBOLS WAREHOUSE SAFETY



Outdoor use



Indoor use



Plastic coated



Galvanized



UV-resistant



360° solution



Acoustic signal



Optical signal



Easy installation



Available colour





## Ram Protection

### Steinbock® Impact Protection

Reliable protection against collision damage in the warehouse.

- ▶ Compliant with safety guideline  
DGUV Regel 108-007 (ex BGR 234)
- ▶ Robust design made of 5 mm steel plate
- ▶ Warning colours ensure excellent visibility
- ▶ Available in 2 models: angle and U-profile



MATERIAL NO.	PROFILE	HEIGHT (MM)	WIDTH (MM)	NECESSARY DOWELS/ARMATURES (SEE STEINBOCK® ACCESSORIES)
<b>Steinbock® Impact Protection, for indoor use</b>				
51706462	A Angle	400	180	4 pieces
51706464	B U-profile	400	170	4 pieces

### Steinbock® Accessories

MATERIAL NO.	PRODUCT	VERPACKUNGSEINHEIT
51706467	Screw anchor for concrete floors	1 piece

### Corner Collision Protection Bracket

The corner collision protection bracket offers reliable impact protection.

- ▶ Warning colours ensure excellent visibility
- ▶ The collision protection bracket is hot-dip galvanised and thus protected against corrosion
- ▶ High-quality steel (Ø 76 mm), wall thickness 3 mm



MATERIAL NO.	H x W x D (MM)	HEIGHT UNDERRIDE GUARD (MM)	WEIGHT (KG)	NECESSARY DOWELS/ARMATURES (SEE ACCESSORIES)
<b>A Corner Collision Protection Bracket, for indoor and outdoor use</b>				
51704812	350 x 600 x 600	–	20	12 pieces
51704819	600 x 600 x 600	–	24	12 pieces
51704786	1,200 x 600 x 600	–	34	12 pieces
<b>B Corner Collision Protection Bracket with Underride Guard, for indoor and outdoor use</b>				
51706452	350 x 600 x 600	150	22	12 pieces
51706453	600 x 600 x 600	400	34	12 pieces

### Accessories

MATERIAL NO.	PRODUCT	PACKAGING UNIT
51706456	Universal dowel with screw	1 piece
51706353	Anchor bolts for concrete floors	1 piece



### Collision Protection Bracket

Solid collision protection bracket made from curved steel pipe.

- ▶ Enhanced safety thanks to additional knee rail
- ▶ Galvanized and plastic-coated for outdoor use
- ▶ Base plate dimensions L x W x H: 160 x 70 x 10 mm
- ▶ Steel tube diameter 48 mm, Wall thickness 2 mm



MATERIAL NO.	HEIGHT (MM)	LENGTH (MM)	NECESSARY DOWELS/ARMATURES (SEE ACCESSORIES)
<b>Collision Protection Bracket, for outdoor use, galvanized, plastic-coated, yellow with black stripes</b>			
51705809	1,000	1,000	4 pieces
51705813	1,000	1,500	4 pieces
51705814	1,000	2,000	4 pieces
<b>Collision Protection Bracket, for indoor use, plastic-coated, yellow with black stripes</b>			
51705804	1,000	1,000	4 pieces
51705805	1,000	1,500	4 pieces
51705807	1,000	2,000	4 pieces



### Collision Protection Bracket with Underride Guard

Impact protection made from high-grade steel for indoor use.

- ▶ 4 mm thick steel plate as underride barrier
- ▶ High signal effect thanks to yellow/black plastic coating
- ▶ Stable installation with floor anchoring
- ▶ High-quality steel (Ø 76 mm)
- ▶ Wall thickness 3 mm



MATERIAL NO.	H x W (MM)	HEIGHT UNDERRIDE GUARD (MM)	WEIGHT (KG)	NECESSARY DOWELS/ARMATURES (SEE ACCESSORIES)
<b>Collision Protection Bracket with Underride Bar, for indoor use</b>				
51706340	350 x 750	150	14.5	8 pieces
51706343	350 x 1,000	150	17.5	8 pieces
51706344	600 x 750	400	24	8 pieces
51706345	600 x 1,000	400	29	8 pieces

### Accessories

MATERIAL NO.	PRODUCT	PACKAGING UNIT
51706456	Universal dowel with screw	1 piece
51706353	Anchor bolts for concrete floors	1 piece



## Impact Protection Bar

Durable impact protection bar for indoor use.

- ▶ Easily visible, yellow plastic coating with contrasting black stripes
- ▶ Stable base plates for rapid, secure installation
- ▶ The low height means protected areas remain easily accessible
- ▶ Thick-walled quality steel tubes, wall thickness 3 mm (Ø 76 mm)



MATERIAL NO.	HEIGHT (MM)	LENGTH (MM)	NECESSARY DOWELS/ARMATURES (SEE ACCESSORIES)
<b>Collision Protection Bar, yellow with black stripes</b>			
51704875	86	400	4 pieces
51704887	86	800	4 pieces
51704891	86	1,200	4 pieces
51706282	86	2 x 638	6 pieces

## Accessories

MATERIAL NO.	PRODUCT	PACKAGING UNIT
51706456	Universal dowel with screw	1 piece
51706353	Anchor bolts for concrete floors	1 piece

**YOU CANNOT HAVE YOUR EYES  
EVERYWHERE – WE CAN!**

## SAFEwalk

Did you know that the Jungheinrich SAFEwalk shows you in detail whether and where there are safety deficits in your warehouse?

Save your company's resources and reduce costs that arise from avoidable accidents.

Contact us and arrange an appointment with our Jungheinrich experts.

[www.jungheinrich.co.uk/services](http://www.jungheinrich.co.uk/services)





## S-Line Collision Protection Railing

Robust protection railing made of sectional steel.

- ▶ For clear separation of working areas
- ▶ Variable and expendable system consisting of support posts and cross bars
- ▶ Compact dimensions
- ▶ Quick and easy mounting
- ▶ Interlocking – no protruding flaps or screws
- ▶ Base plate dimensions L x W x H: 140 x 160 x 10 mm
- ▶ Optionally available with SWING spring element and railing door



MATERIAL NO.	MODEL	H x W x D (MM)	THICKNESS (MM)	NECESSARY DOWELS/ARMATURES (SEE ACCESSORIES)
<b>S-Line Support Post for indoor use, plastic-coated, yellow</b>				
51706398	Beginning-/end post	1,000 x 70 x 70	3	4 pieces
51706403	Middle post	1,000 x 70 x 70	3	4 pieces
51706405	Corner post	1,000 x 70 x 70	3	4 pieces
<b>S-Line Cross Bar for indoor use, plastic-coated, yellow</b>				
51706407	Cross Bar	60 x 1,000 x 40	3	
51706409	Cross Bar	60 x 1,200 x 40	3	
51706423	Cross Bar	60 x 1,500 x 40	3	
51706427	Cross Bar	60 x 2,000 x 40	3	

## Accessories

MATERIAL NO.	PRODUCT	PACKAGING UNIT
51706456	Universal dowel with screw	1 piece
51706353	Anchor bolts for concrete floors	1 piece

## SWING Spring Element

- ▶ Optionally available support post
- ▶ Minimizes collision damage and repair costs
- ▶ Protects the surfaces
- ▶ UV-resistant, permanently elastic
- ▶ Inclined by up to 10°
- ▶ Mounting-set for two spring elements – please order separately



MATERIAL NO.	TYPE
<b>SWING Spring Element</b>	
51706350	SWING spring element for collision protection railing
51706428	SWING spring element for collision protection railing S-Line
51706451	Mounting-set for 2 SWING spring element



## Impact Protection Crossbar

To ensure smooth and safe workflows, transport and pedestrian routes in production halls and warehouses should be clearly separated. Impact protection railings for indoor use are an ideal solution in this case.

- ▶ Crossbar for impact protection railing system for indoor use
- ▶ Robust sectional steel for maximum durability
- ▶ Yellow plastic coating for enhanced visibility
- ▶ Easily expandable
- ▶ Optional: SWING spring element and railing door
- ▶ Incl. base plate for floor bolting, L x W x H: 200 x 200 x 10 mm



MATERIAL NO.	MODEL	H x W x D (MM)	THICKNESS (MM)	NECESSARY DOWELS/ARMATURES (SEE ACCESSORIES)
<b>Support Post for indoor use, plastic-coated, yellow</b>				
51705818	Beginning-/end post	500 x 100 x 100	3	4 pieces
51706240	Beginning-/end post	1,000 x 100 x 100	3	4 pieces
51706241	Middle post	500 x 100 x 100	3	4 pieces
51706242	Middle post	1,000 x 100 x 100	3	4 pieces
51706244	Corner post	500 x 100 x 100	3	4 pieces
51706245	Corner post	1,000 x 100 x 100	3	4 pieces
<b>Cross Bar for indoor use, plastic-coated, yellow</b>				
51706247	Cross Bar	120 x 1,000 x 80	3	–
51706252	Cross Bar	120 x 1,200 x 80	3	–
51706254	Cross Bar	120 x 1,500 x 80	3	–
51706259	Cross Bar	120 x 2,000 x 80	3	–

## Accessories

MATERIAL NO.	PRODUCT	PACKAGING UNIT
51706456	Universal dowel with screw	1 piece
51706353	Anchor bolts for concrete floors	1 piece

## Railing Door

- ▶ Fitting for support posts
- ▶ With welded protective cover
- ▶ Opens and closes manually
- ▶ 90° opening angle
- ▶ Door dimensions without fittings (W x H 835 x 475 mm)
- ▶ Can be mounted/opened from left and right side



MATERIAL NO.	PRODUCT
<b>Collision protection railing door</b>	
51706461	Collision protection railing door





## RackGuard Racking Leg Protectors

With RackGuard the rack legs and uprights are effectively protected against lateral and frontal impacts. Thus, protect the racking from any significant consequential damages. The RackGuard is a standard feature in many Jungheinrich warehouse projects and can now be easily retrofitted and customized by Jungheinrich service.

- ▶ Optimal absorption and deflection of collision impact
- ▶ Low space requirement
- ▶ Easy and fast installation
- ▶ No mounting on the ground necessary
- ▶ Original Jungheinrich design



MATERIAL NO.	SUITABLE FOR JUNGHEINRICH	HEIGHT (MM)	MAX. RACK WIDTH (MM)	MAX. RACK DEPTH (MM)
<b>RackGuard Racking Leg Protectors</b>				
51806705	B11–B13	600	85	80
51806703	B15–B16	600	102	45
51806706	B17–B18, B29–B30	600	126	75

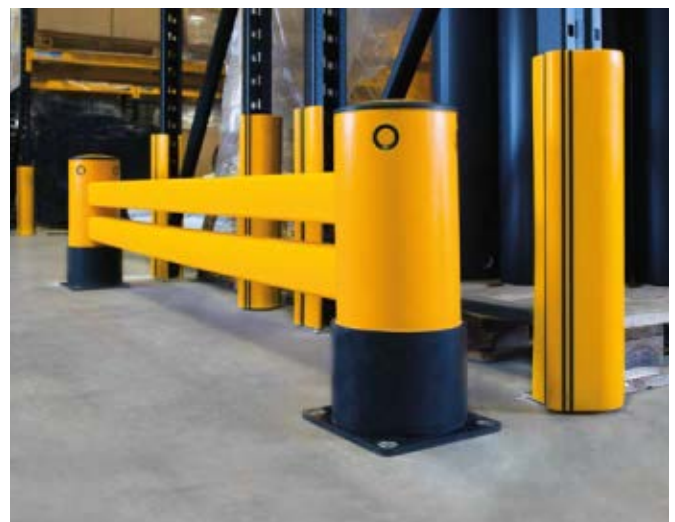
## Accessories

MATERIAL NO.	PRODUCT
51806707	Mounting kit – recommended for increased installation ease

## Rack End Guardrail

Rack end guardrail systems provide reliable shock absorbing protection caused by turning vehicles and warehouse equipment. Created from an exclusive composition of sophisticated materials, expertly blended for high strength, durability and resistance. Designed to protect end of racking aisle and vulnerable racking structures.

- ▶ Special plastic with maximum impact absorption
- ▶ Rotating cuffs
- ▶ Simple installation
- ▶ Powder-coated floor panels



MATERIAL NO.	LENGTH (MM)	POST DIAMETER (MM)	BAR DIAMETER (MM, SQUARE)	BAR EXTENSION (MM)
<b>Double Rail</b>				
51806719	1.200	190	90 x 90	100
51806721	2.500	190	90 x 90	100



### Bollard

Bollards can be used flexibly to protect the racking structure and equipment, e.g. in narrow corners or dangerous areas. In addition, their physical presence provides visual guidance and helps drivers and pedestrians navigate around critical warehouse areas.

- ▶ Extremely impact-resistant and flexible material
- ▶ Absorbs and reforms repeatedly upon impact force
- ▶ Suitable for both indoor and outdoor use
- ▶ Powder-coated floor panels



MATERIAL NO.	DIAMETER (MM)	HEIGHT (MM)
<b>Bollard</b>		
On request	190	750
51806714	190	1,200
On request	190	2,000



### Alarm Bar

The alarm bar effectively protects doors, gate frames, ceiling installations or cables from damage caused by extended masts or excessively high loads. Furthermore, damages to the forklift and other warehouse vehicles as well as the load are prevented. The alarm bar is mounted a few meters in front of the obstacle. If the truck touches the bar, a clearly audible alarm signal is emitted (102 dB). In addition, red LEDs lights emit optical flashing signals (68 lm/m). The perceived warning signals enable the driver to stop his truck promptly and lower the mast and/or reduce the load.



- ▶ Alarm bar with visual and audible warning signal
- ▶ Quick and easy installation
- ▶ Includes two nylon ropes of 1.5 m length
- ▶ Approximately 2 years battery life

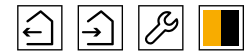


MATERIAL NO.	LENGTH (MM)	HEIGHT (MM)
<b>Alarm Bar</b>		
51806713	2,000	130





## Impact Protection Profiles



- ▶ The impact protector can prevent damage to machines, vehicles and buildings
- ▶ Made from lightweight polyurethane foam
- ▶ The foam material is resistant to UV light and solvents
- ▶ Flexible, non-ageing and weather-resistant
- ▶ Temperature-resistant from -40 to +90 °C, with UL 94 flammability rating
- ▶ Can be easily cut to size, packaging unit 1 or 5 m
- ▶ According to DIN 4844 yellow/black





### Surface Guard

	<b>MATERIAL NO.</b>	<b>51706299</b>	<b>51706296</b>	
	<b>PROFILE (MM)</b>	40 × 32	50 × 20	
	<b>MATERIAL NO.</b>	<b>51705551</b>	<b>51705557</b>	<b>51705556</b>
	<b>PROFILE (MM)</b>	40 × 32	60 × 20	40 × 40

### Edge Guard

	<b>MATERIAL NO.</b>	<b>51706283</b>	<b>51706334</b>	<b>51706292</b>	
	<b>PROFILE (MM)</b>	40 × 40	40 × 40	26 × 26	
	<b>MATERIAL NO.</b>	<b>51706267</b>	<b>51706264</b>	<b>51706301</b>	<b>51706266</b>
	<b>PROFILE (MM)</b>	40 × 40	40 × 40	60 × 60	30 × 30

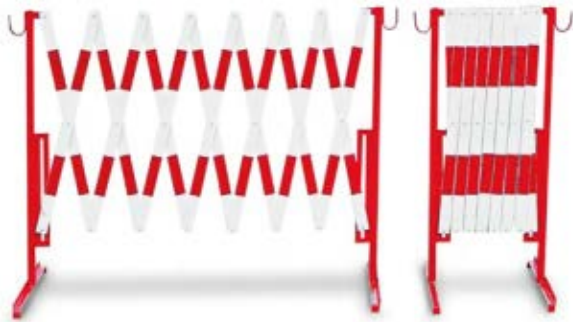
### Profile Guard

	<b>MATERIAL NO.</b>	<b>51706294</b>	<b>51706336</b>	<b>51706338</b>	
	<b>PROFILE (MM)</b>	40 × 40 × 8	25 × 30 × 8	40 × 40 × 8	
	<b>MATERIAL NO.</b>	<b>51705555</b>	<b>51706303</b>	<b>51599166</b>	<b>51705554</b>
	<b>PROFILE (MM)</b>	40 × 40 × 8	25 × 30 × 8	40 × 40 × 8	40 × 80 × 8





## Barriers



### Steel Scissor Barrier

- ▶ Scissor fence barrier can be extended to a width of 3.6 m
- ▶ High-quality steel makes it durable and stable
- ▶ Connecting brackets enable several scissor fences to be erected next to each other



MATERIAL NO.	MATERIAL	L x H (MM)
<b>Steel Scissor Barrier</b>		
51704944	Steel, red-white, powder-coated	3.600 x 1.000



### BASIC Plastic Scissor Barrier

- ▶ Scissor construction for straightforward expansion and retraction
- ▶ Easy transport thanks to low weight of just 2.6 kg
- ▶ Just 240 mm wide when collapsed
- ▶ Fillable feet for maximum stability



MATERIAL NO.	MATERIAL	L x H (MM)
<b>BASIC Plastic Scissor Barrier</b>		
51706349	HD-Polyethylene, yellow-black	2.500 x 960

### Wall Belt Barrier

The wall belt barrier makes the blocking of routes efficient and quick.

- ▶ Wall belt for connection with screw-on wall clip
- ▶ Self-tensioning belt for optimal handling
- ▶ Wall clip made of heavy-duty plastic (accessories)
- ▶ Length 3 or 4 m
- ▶ Use belt connector (see accessories) to connect belts for blockings up to 8 m



MATERIAL NO.	BELT COLOUR	LENGTH (M)
<b>Wall Belt, screw-on</b>		
51704919	Black/yellow hatched	3
51704934	Red/white hatched	3
51706274	Black/yellow hatched	4
51706278	Red/white hatched	4



### Accessories

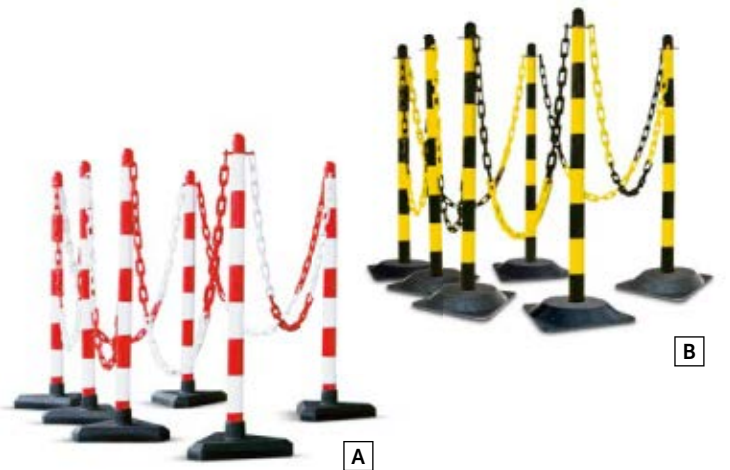
MATERIAL NO.	PRODUCT
51704899	<b>A</b> Wall clip
51705779	<b>B</b> Belt connector



### Chain Post Set

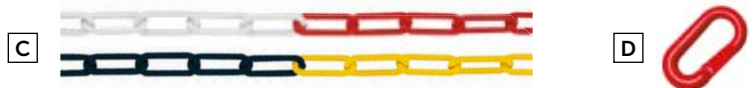
Easy, quick and mobile shutting of areas.

- ▶ Handy, light and self-standing plastic chain posts
- ▶ For a quick and temporary barrier
- ▶ Plastic hook option in the sprocket head
- ▶ 2 types of bases available



MATERIAL NO.	BASE	COLOUR	BASE (MM)	WEIGHT (KG)
<b>Chain Post Set, 6 pieces, height 870 mm</b>				
51705538	<b>A</b> Plastic base (triangular)	Red/white	300 (side length)	19.5
51705523	<b>A</b> Plastic base (triangular)	Black/yellow	300 (side length)	19.5
51705548	<b>B</b> Solid rubber base (square)	Red/white	265 x 265	12
51705544	<b>B</b> Solid rubber base (square)	Black/yellow	265 x 265	12
<b>Chain Post Single, height 870 mm</b>				
51705531	<b>A</b> Plastic base (triangular)	Red/white	300 (side length)	2.9
51705534	<b>A</b> Plastic base (triangular)	Black/yellow	300 (side length)	2.9

### Accessories



MATERIAL NO.	MATERIAL	COLOUR	LINK THICKNESS (MM)	LENGTH (M)
<b>C Barrier Chains</b>				
51705770	Polyethylene	Red/white	6	10
51705772	Polyethylene	Black/yellow	6	10
<b>D Connecting Links for Barrier Chains</b>				
51704841	Polyethylene	Red	6	10 pieces
51704828	Polyethylene	Black	6	10 pieces



### Protection Rail

Massive steel angle for protection of restricted areas and entrance areas.

- ▶ Highly robust: stops lift trucks, transport trolleys etc. thus decreasing repair costs
- ▶ Low construction (150 mm high) for unobstructed access to protected areas
- ▶ Mitre cut (45°) for angle mounting



MATERIAL NO.	H x W x D (MM)	THICKNESS (MM)	NECESSARY DOWELS/ARMATURES (SEE ACCESSORIES)
<b>Protection Rail, yellow, plastic-coated</b>			
51706392	150 x 800 x 100	6	5 pieces
51706269	150 x 800 x 100	10	5 pieces
51706394	150 x 1,200 x 100	6	7 pieces
51706270	150 x 1,200 x 100	10	7 pieces

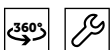
### Accessories

MATERIAL NO.	PRODUCT	PACKAGING UNIT
51706456	Universal dowel with screw	1 piece
51706353	Anchor bolts for concrete floors	1 piece

### PANORAMA All-Round Visibility Mirror

The use of the panoramic mirror guarantees all-round visibility.

- ▶ PANORAMA all-round vision mirror made from impact-resistant acrylic
- ▶ Easy handling thanks to low weight
- ▶ Mounting kit for straightforward ceiling attachment
- ▶ Easy mounting – screw directly on straight surface or use mounting kit for ceiling attachment (4 m knotted chain)



MATERIAL NO.	MIRROR SIZE (Ø MM)	VIEWING DISTANCE FROM MIRROR MAX. (M)
<b>PANORAMA All-Round Visibility Mirror</b>		
51704866	600	3
51706465	800	4
51704850	900	5
51706459	1,000	6
51704860	1,250	8

### Accessories

MATERIAL NO.	PRODUCT
51705652	Mounting kit for straightforward ceiling attachment (4 m knotted chain)



# Protection of Goods

Goods are exposed to damage risks both during transport as well as during storage and picking processes. Damages can be caused by contact with the forks and fork carriers, or if the load slips off the forks. The Jungheinrich accessories presented in this section help to reduce these risks and thus effectively protect goods from damage.

---

## SYMBOLS PROTECTION OF GOODS



Noise  
damping



Easy  
installation



Available  
colour



### Fork Laser Guide

The Jungheinrich Fork Laser Guide projects a clearly visible green laser line at the fork level, which facilitates a precise and swift control of the pallet. This small accessory can significantly increase throughput rates and reduce the risk of damage, especially in areas with poor lighting conditions as well as support inexperienced drivers. The fork laser guide includes two long-lasting Li-Ion batteries plus a charger and can be operated via height sensor or remote control.

- ▶ Prevention of damages to pallets and goods
- ▶ Simplifies storage and picking of loads
- ▶ Quick and easy retrofitting to the fork carriage:  
Plug & Play
- ▶ Automatic deactivation when not in use
- ▶ Robust design



MATERIAL NO.	CONTROL	COLOUR
<b>Fork Laser Guide for fork carriage type 2A</b>		
51755719	With remote control	Green
51755717	With height sensor (automatic from 2.5 m)	Green
51926939	With remote control	Red
51926938	With height sensor (automatic from 2.5 m)	Red
<b>Fork Laser Guide for fork carriage type 2B</b>		
51874238	With remote control	Green
51910697	With height sensor (automatic from 2.5 m)	Green
51926940	With remote control	Red
51926942	With height sensor (automatic from 2.5 m)	Red

### Accessories

MATERIAL NO.	PRODUCT
51927781	Spare battery



### Flexible Bumper

The bumper can be used flexibly for mounting directly on the truck or on the back of the fork. The PVC material specially developed for the use on forklifts, absorbs the impact energy very effectively. The bumper comes with two magnets (45 kg capacity), double-sided 3M adhesive tape and mounting brackets for anti-slip attachment to the back of the fork.

- ▶ Effective absorption of impact energy
- ▶ Protection of goods, forklifts, and pallet loads
- ▶ Possible to bend up to 90 degrees for effective attachment on edges and corners



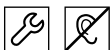
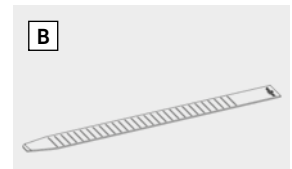
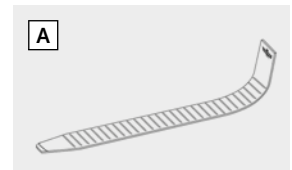
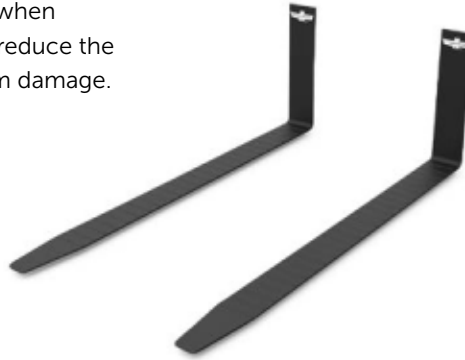
MATERIAL NO.	L x W x H (MM)
<b>Flexible Bumper</b>	
51729933	450 x 100 x 35 mm



## Magnetic Rubber Fork Covers

The magnetic covers offer additional protection when transporting goods with a smooth surface. They reduce the risk of slipping and protect sensitive surfaces from damage.

- ▶ Effective prevention of slipping of goods
- ▶ Quick and easy installation
- ▶ Noise absorption
- ▶ Secure adhesion to the forks
- ▶ Resistant to abrasion, chemicals, and oils



MATERIAL NO.	FORK WIDTH (MM)	FORK LENGTH (MM)	MATERIAL THICKNESS (MM)	NET WEIGHT (KG)
<b>A Covers blade and parts of the shank</b>				
51709967	80	800– 990	9	4.2
51710000	80	1,000–1,190	9	4.8
51280614*	80	1,000–1,300	9	7.0
51710003	80	1,200–1,390	9	5.9
51710005	100	800– 990	9	5.0
51281056	100	1,000–1,190	9	5.4
51281058	100	1,200–1,390	9	6.4
51281062	120–130	1,000–1,190	9	7.0
51281065	120–130	1,200–1,390	9	8.0
51281077	150–200	1,000–1,190	11	8.8
51281078	150–200	1,200–1,390	11	10.0
<b>A Covers blade and parts of the shank, non-marking black rubber</b>				
51710007	100	800– 990	9	5.0
51538166	100	1,000–1,190	9	5.4
51710008	100	1,200–1,600	9	6.4
51710009	120–130	1,000–1,190	9	7.0
51710012	120–130	1,200–1,600	9	8.0
51710017	150–200	1,000–1,190	11	8.8
51710018	150–200	1,200–1,390	11	10.0
<b>B Covers blade only</b>				
51281059	100	1,400–1,600	9	6.8
51281073	120–130	1,400–1,600	9	9.8
51281074	120–130	1,700–2,050	11	11.4
51281082	150–200	1,400–1,600	11	12.4
51281084	150–200	1,700–2,050	11	14.4
51281075*	120–130	2,200–2,250	11	23.0
51281085*	150–200	2,200–2,250	11	28.6
<b>B Covers blade only, non-marking black rubber</b>				
51710020	120–130	1,400–1,600	9	9.8
51710028	150–200	1,400–1,600	11	12.4

\* incl. edge guard



### Fork Tip Protector

Protective caps for fork tips.

- ▶ Protection of fork tips
- ▶ Reduction of goods damage

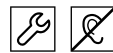
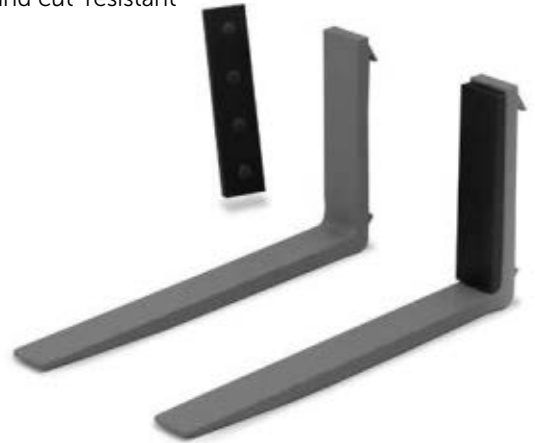


MATERIAL NO.	WIDTH (MM)
<b>Fork Tip Protector</b>	
51822407	100
51822409	125

### Fork Protection

The magnetic fork shank protection made of polyurethane, effectively protect goods and pallets from damage during loading.

- ▶ Damage protection to goods and pallets
- ▶ Quick and easy assembly with magnets
- ▶ Noise absorption
- ▶ Vibration reduction
- ▶ Abrasion and cut-resistant



MATERIAL NO.	L x W x H (MM)
<b>Fork Protection</b>	
51710041	430 x 70 x 30



### Fork Carriage Protection

Magnetic bumpers for the fork shank.

- ▶ Absorbs shocks that can occur during the lifting, loading and placing of pallet loads
- ▶ Protects goods as well as the back of the forks

MATERIAL NO.	L x W (MM)
<b>Fork Carriage Protection</b>	
51822434	450 x 100
51822437	550 x 100
51822439	450 x 125
51822440	550 x 125
51822441	650 x 125
51822442	750 x 125
51822443	550 x 150
51822444	650 x 150
51822445	750 x 150
51822446	900 x 150



# Seats

Due to uneven ground, undamped impacts can have a negative effect on your driver. Our high quality seats help to effectively reduce these vibrations. On top of this, you will profit from maximum seating comfort, due to the perfectly ergonomic design and the extensive additional features such as seat heating, lumbar support and the seatback extension.

## SYMBOLS SEATS



Heated  
seat



Fabric  
cover



Synthetic leather  
cover





## Seats for ETV/M



MATERIAL NO.	MODEL	COVER	FEATURES
<b>MSG 20 – Standard Compact Seat with Mechanical Suspension</b>			
50447418	Seat	Fabric	–
51095100	Seat	Synthetic leather	Storage pocket, man-on-board sensor
<b>PRIMO® M – Premium Comfort Seat with Mechanical Suspension</b>			
50470624	Seat	Fabric	Lumbar support
51543314	Seat	Synthetic leather	Lumbar support, seat rail
51542673	Heated seat (48 V)	Fabric	Lumbar support
<b>PRIMO® L – Premium Comfort Seat with Pneumatic Suspension</b>			
51144820	Heated seat (12 V)	Fabric	Lumbar support, arm rest, man-on-board sensor
51587749	Heated seat (24 V)	Fabric	Lumbar support, seat back extension, safety belt, storage pocket, man-on-board sensor



### SCOPE OF DELIVERY FOR ALL JUNGHEINRICH SEATS

Control lines, seat rails and covers are **not always** included in the scope of delivery. Please contact your Jungheinrich expert for assistance.



## Seats for EFG



MATERIAL NO.	MODEL	COVER	FEATURES
<b>MSG 20 – Standard Compact Seat with Mechanical Suspension</b>			
5078801	Seat	Synthetic leather	Safety belt, storage pocket, man-on-board sensor
<b>PRIMO® M – Premium Comfort Seat with Mechanical Suspension</b>			
51580837	Seat	Synthetic leather	Safety belt, storage pocket, man-on-board sensor
51580818	Seat	Fabric	Lumbar support, seat back extension, safety belt, storage pocket, man-on-board sensor
51586637	Heated seat (24 V)	Synthetic leather	Lumbar support, seat back extension, safety belt, storage pocket, man-on-board sensor
<b>PRIMO® L – Premium Comfort Seat with Pneumatic Suspension</b>			
51003872	Seat	Fabric	Safety belt, storage pocket, man-on-board sensor
51067265	Seat	Synthetic leather	Lumbar support, seat back extension, safety belt, storage pocket, man-on-board sensor
51586649	Heated seat (24 V)	Fabric	Lumbar support, seat back extension, safety belt, storage pocket, man-on-board sensor



### SCOPE OF DELIVERY FOR ALL JUNGHEINRICH SEATS

Control lines, seat rails and covers are **not always** included in the scope of delivery. Please contact your Jungheinrich expert for assistance.



## Seats for VFG



MATERIAL NO.	MODEL	COVER	FEATURES
<b>MSG 20 – Standard Compact Seat with Mechanical Suspension</b>			
51331913	Seat	Synthetic leather	Safety belt, storage pocket, man-on-board sensor, seat rail
<b>PRIMO® M – Premium Comfort Seat with Mechanical Suspension</b>			
51580805	Seat	Synthetic leather	Safety belt, storage pocket, man-on-board sensor
51580828	Seat	Synthetic leather	Lumbar support, seat back extension, safety belt, storage pocket, man-on-board sensor
51580859	Heated seat (12 V)	Synthetic leather	Lumbar support, seat back extension, safety belt, storage pocket, man-on-board sensor
<b>PRIMO® L – Premium Comfort Seat with Pneumatic Suspension</b>			
51580843	Seat	Fabric	Lumbar support, seat back extension, safety belt, storage pocket, man-on-board sensor
51587759	Seat	Synthetic leather	Lumbar support, seat back extension, safety belt, storage pocket, man-on-board sensor
51580863	Heated seat (12 V)	Synthetic leather	Lumbar support, seat back extension, safety belt, storage pocket, man-on-board sensor

## Accessories

MATERIAL NO.	PRODUCT
<b>A Seat Covers</b>	
<ul style="list-style-type: none"> <li>▶ Made of microfibre velour with synthetic fibre inserts and foam cushioning</li> <li>▶ Abrasion-proof and robust material</li> <li>▶ Pleasant and comfortable seating climate</li> </ul>	
51111516	51580818 – fabric seat MSG 65 (EFG) with seat back
51111514	51580805 – fabric seat MSG 65 (EFG)
51111515	50470624 – fabric seat MSG 65 (ETV)
51111513	50447418 – fabric seat MSG 20 (ETV)
<b>B Lap Belt</b>	
51271772	MSG 65/75 orange



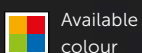


# Maintenance Products

Keep your forklift in good shape. Chains and other moving parts should always be greased, even in between the regular maintenance intervals. This ensures a smooth movement flow. With our Jungheinrich paint products, you can easily touch up small transportation damages and scratches. Your forklift will look brand new.

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## SYMBOLS MAINTENANCE PRODUCTS



Available  
colour



## Maintenance Products

MATERIAL NO.	PRODUCT	PACKAGING UNIT
<b>Service Sprays</b>		
51877259	Chain spray	400 ml can
51899524	Lubricant spray	400 ml can
51057206	<b>C</b> Battery acid neutralizer	500 ml can
50003894	Maintenance spray	300 ml can
50001913	Multi purpose spray	400 ml can
<b>Greases</b>		
14038650	<b>E</b> Maintenance grease	450 g cartridge
50006713	Low temperature grease	450 g cartridge
50035793	Liquid gear grease	1 kg can
<b>Cleaner and Cleaning Cloths</b>		
51025050	<b>F</b> Universal cleaner	500 ml
51224491	Glass and surface cleaner	750 ml
51877260	Windshield cleaner, antifreeze	1,000 ml
50002003	Cleaner/degreaser	500 ml
51282333	Hand cleaning wipes (moist)	80 towels
51190381	<b>A</b> Wipes in dispenser bucket	200 towels per roll
<b>Maintenance Sets</b>		
51582989	<b>B</b> Service-Set (lubricant spray, chain spray, cleaner)	3x 150 ml
51198723	Cleaning-set (window cleaner, maintenance spray, universal cleaner)	3x 150 ml

## Spray Paint



MATERIAL NO.	COLOUR	RAL-NUMMER	PACKAGING UNIT
<b>D Premium Spray Paint</b>			
51502180	Jungheinrich Yellow	-	400 ml can
51502188	Jungheinrich Yellow, shiny	RAL 1028	400 ml can
51502185	Dark Grey	-	400 ml can
51530300	Anthracite	RAL 7016	400 ml can
51502186	Anthracite	RAL 9007	400 ml can
51502189	Black	RAL 9005	400 ml can
51502190	White	RAL 9010	400 ml can



**A**

**B**

**B**

**B**

**C**

**D**

**E**

**F**



# Battery Accessories

Maximise the service life of your battery. The battery is the heart and soul of an electric forklift. Regular maintenance is a significant factor in keeping up the performance, as well as increasing the lifetime of your forklifts. Jungheinrich offers the right solutions for your battery maintenance.

---

## SYMBOLS BATTERY ACCESSORIES



For health



Additional  
measuring device



Additional  
security



## Service Board

Safety-relevant features for your battery service. Everything at hand for your maintenance and in case of emergencies. The battery service board has dimensions of 65 cm x 65 cm and includes:

- ▶ 2x eye rinsing with mirror
- ▶ Safety goggles
- ▶ Acid gloves
- ▶ Acid neutralization spray
- ▶ Battery hydrometer
- ▶ Maintenance instructions in 5 languages
- ▶ Additional hook for other accessories
- ▶ Set of screws



MATERIAL NO.*	PRODUCT
<b>Service Board Sets</b>	
51821338	Service board base
51821339	Battery maintenance set
51255221	Eye rinsing set

\*Due to various custom tariffs to be ordered as single parts now.

## Accessories

### Optionally usable for service board

MATERIAL NO.	PRODUCT
50150127	First aid kit
51135005	Acid protection apron



### KEEP IN MIND

Battery charging stations have to fulfil certain safety feature components according to the given safety requirements (DIN EN 50272). Everything on hand for your maintenance and in case of emergencies.

Optionally, the battery service board can be supplemented with safety signs, acid protection aprons or medical kits.

**A****B****C**

## Safety Signs

MATERIAL NO.	WARNING	SIZE	MODEL
51256877	<b>A</b> No open fire	20 cm	Aluminium sign
51256860	No open fire	10 cm	Adhesive label
51256881	<b>B</b> Wear gloves	20 cm	Aluminium sign
51256879	<b>C</b> Wear safety goggles	20 cm	Aluminium sign



### Battery Level Sensor

Low electrolyte levels can lead to permanent damage to the battery cells.

- ▶ Enables constant monitoring of the electrolyte level
- ▶ Spares unnecessary checks
- ▶ Increases the lifetime of the battery



MATERIAL NO.	MODEL	SUITABLE FOR	ADDITIONAL INFO
<b>Battery Level Sensor</b>			
51092054	Level sensor with o-ring	All batteries	O-ring links to cell connector
51244246	Level sensor with ext. probe, o-ring	Small battery cells	O-ring links to cell connector. LED plugs between battery cells
51244244	Level sensor with o-ring and ext. LED	All batteries	Attaches to the battery cable, thus clearly visible from outside
51236530	Level sensor with cable fixture	All batteries	Cable fixture connects with cell connector
51233095	Level sensor with cable fixture and remote indication	All batteries	Good visibility from outside

### Battery Small Parts Case



Content:

- ▶ Cell connectors
- ▶ Stopper
- ▶ Pole screw
- ▶ Hose
- ▶ Flow indicator
- ▶ T-piece
- ▶ Connection adapter
- ▶ Depth gauge
- ▶ Reducing bush
- ▶ Sealing plug

MATERIAL NO.	MODEL
<b>Battery Small Parts Case</b>	
51549365	Complete

### Battery Pole Fuse

Short circuits can cause irreparable damage to vehicles and batteries. The battery pole fuse provides simple protection against high short-circuit faults and thus ensures greater safety in handling both vehicle and battery.

- ▶ No additional wiring required to attach directly to the battery
- ▶ Suitable for all approved Jungheinrich batteries with the Flex connector
- ▶ Amperage: 600 A
- ▶ Nominal voltage: 80 V DC
- ▶ Fuse connection tightening torque: 18±2 Nm
- ▶ Protection class: IP67/IP69K
- ▶ Housing: TPU UL94 V0



MATERIAL NO.	PRODUCT
<b>Battery Pole Fuse incl. M-10 pole screw</b>	
51759284	12 V-80 V



#### INSTALLATION HINT

A good electrical contact between battery pole and battery pole fuse must be ensured.





## Ion Exchanger

Demineralized water sustainably ensures the maximum life-time of your forklift batteries. You can either buy expensive demineralised water, or you can produce it efficiently and economically yourself. It is very easy with the Jungheinrich ion exchanger. Just connect the ion exchanger to a standard water tap and the fully automatic desalination of the water starts immediately.

- ▶ No cost-intensive procurement and storage of distilled water
- ▶ Fresh water always available with no risk of algae formation due to storage/exposure to light
- ▶ Maintenance-free



MATERIAL NO.	PRODUCT	FILTERING CAPACITY	SCOPE OF DELIVERY
<b>Ion Exchanger</b>			
51184023	<b>A</b> Ion exchanger 450 complete	450 litre	Incl. 450 litre disposable cartridge, conductance sensor, wall mounting, hose set, quick release couplings
51184024	Replacement cartridge	450 litre	–
51184017	<b>B</b> Ion exchanger 1000 complete	1,000 litre	Incl. 1,000 litre reusable cartridge, conductance sensor, hose set, quick release couplings
51202573	Replacement cartridge	1,000 litre	–
51317852	<b>C</b> Ion exchanger 2000 complete	2,000 litre	Incl. 2,000 litre disposable cartridge, conductance sensor, wall mounting, hose set, quick release couplings
51317856	Ersatzkartusche	2,000 litre	–
51630865	<b>D</b> Ion exchanger 4000 complete	4,000 litre	Incl. 4,000 litre reusable cartridge, conductance sensor, hose set, quick release couplings
51630871	Replacement cartridge	4,000 litre	–

## Accessories

MATERIAL NO.	EQUIPMENT
51630867	Aluminum rack for ion exchanger 4000
51642458	Diaphragm sensed pressure regulator with aquamatic hose for ion exchanger 2000 and 4000
51231968	Wall bracket for the ion exchanger 1000
51642459	Diaphragm sensed pressure regulator with aquamatic hose for ion exchanger 1000





## Water Tank

Incl. 4-m hose line, shut-off valve and flow indicator.

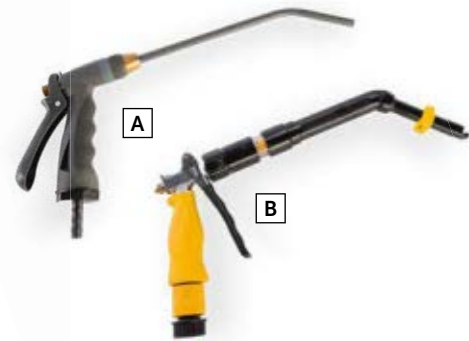
MATERIAL NO.	PRODUCT	VOLUME
<b>Water Tank</b>		
51237876	Canister	10 litre
50125747	Canister	30 litre
50289857	Canister	60 litre

## Accessories

MATERIAL NO.	PRODUCT
51250869	Wall mounting for 30 l water tank
51250870	Wall mounting for 60 l water tank



MATERIAL NO.	PRODUCT	SUITABLE FOR
<b>Battery-Water-Cart</b>		
51875524	<b>A</b> Battery-Water-Cart	26-litre canister
51099171	<b>B</b> Battery-Water-Cart	30-litre canister
51875525	<b>C</b> Battery-Water-Cart	60-litre canister



## Battery Watering Gun

Quick, efficient and secure filling.



MATERIAL NO.	PRODUCT	SCOPE OF DELIVERY
<b>Battery Watering Gun</b>		
51199171	Battery Watering Gun	Without coupling
51199172	<b>A</b> Battery Watering Gun	With hose and coupling
51099745	<b>B</b> Battery-water watering gun	With filling level limiter, integrated flow indicator and automatic stop system

## Battery-Water-Cart

This battery-water-cart is a mobile water carrier with a built-in battery operated pump.

- ▶ Provides a safe and convenient operation
- ▶ Robust and light weight



## Accessories

MATERIAL NO.	PRODUCT
52025414	<b>D</b> Aquamatic coupling hose
50219542	<b>E</b> Flow indicator
51373261	<b>F</b> Pressure regulator for aquamatic



# MOUNTS AND ACCESSORIES

There is a variety of equipment that will make day-to-day work in the warehouse easier. RAM Mount offers a large selection of stable yet flexible mounting solutions that enable safe and handy placement of equipment in sight of the operator.

---

## SYMBOLS MOUNTS AND ACCESSORIES



Large execution



Small execution



Easy installation



## RAM Mount Principle

The functional principle of these holders is always the same. Interlinked ball joints ensure easy positioning of the components. A strong clamp holds the rubberized ball joints. We offer RAM mount holders in three different system sizes. These differ based on the size of the connecting balls and thus of the possible load. The bigger the ball, the better it can hold heavy accessories.

### Size B

- ▶ 1 inch
- ▶ For light accessories up to 0.9 kg

### Size C

- ▶ 1.5 inch
- ▶ For equipment up to 1.8 kg



### Size E

- ▶ 3.38 inch
- ▶ For very heavy accessories up to 11.3 kg

### Size D

- ▶ 2.25 inch
- ▶ For heavy devices up to 4.5 kg



### MORE SAFETY

For secure attachment of accessories in unsprung industrial trucks, in which very high accelerating forces can occur, it is recommended to choose a system one size larger than derived from the pure weight.

## RAM Mount Components

A working RAM mount system, no matter what system size you need, always consists of three components.



### Base

- ▶ This ensures the attachment of the system to the vehicle or pedestrian.



### Connection Arm

- ▶ Ensures the flexible connection of vehicle and device holder.



### Device Holder

- ▶ Holds your accessories safe, handy and within view.



## Bases

A base is the foundation for your individual RAM Mount. They are available in different shapes and types of attachment, whether small and round or big and angular, from fixed mounting on a surface, to mounting around a profile, to tool-free and flexible attachment via magnet or suction cup. You choose what best meets your requirements.



### Round Base (Standard)

Many round bases are equipped with holes in the AMPS industry standard pattern (4 rectangular holes, 30 x 38 mm), as well as three additional holes at 120°.



MATERIAL NO.	BASE SIZE	DESCRIPTION
<b>Round Base</b>		
51803634	B (1" ball)	Ø 6.35 cm (2.5"), AMPS + 120°-drillings
51724762	C (1.5" ball)	Ø 6.35 cm (2.5"), AMPS
51385943	C (1.5" ball)	Ø 6.35 cm (2.5"), AMPS + 120°-drillings
51193757	C (1.5" ball)	Ø 6.5 cm, M6, OTS, with Jungheinrich logo
51110348	D (2.25" ball)	Ø 9.35 cm (3.68"), 120°/180°-drillings
51420170	D (2.25" ball)	Ø 6.2 cm (2.437"), AMPS
51603848	D (2.25" ball)	Ø 6.5 cm, M6, OTS, with Jungheinrich logo
51692880	E (3.38" ball)	Ø 9.35 cm (3.68"), 120°/180°-drillings



### Rectangular Base (Standard)

If a round base doesn't fit a rectangular base could be the better fit.



MATERIAL NO.	BASE SIZE	DESCRIPTION
<b>Rectangular Base</b>		
51724764	B (1" ball)	2.5 x 5 cm (1" x 2")
51724765	C (1.5" ball)	3.8 x 6.3 cm (1.5" x 2.5")
51724766	C (1.5" ball)	5.08 x 4.31 cm (2" x 1.7")
51724767	C (1.5" ball)	5 x 5 cm (2" x 2")
51724768	C (1.5" ball)	Bosch base



## Diamond Base

The diamond base uses two diagonal holes in the AMPS scheme.



MATERIAL NO.	BASE SIZE	DESCRIPTION
<b>Diamond Base</b>		
51724769	B (1" ball)	6.2 × 3.3 cm
51421964	C (1.5" ball)	6.2 × 3.3 cm



## Single Screw Base

The single screw base is the best solution for the attachment of lightweight accessories in narrow and tight spaces.



MATERIAL NO.	BASE SIZE	DESCRIPTION
<b>A Single Screw Base</b>		
51724771	B (1" ball)	Drilling 9 mm
<b>B Single Screw Base with plate</b>		
51724772	B (1" ball)	Plate 3.8 × 4.45 mm (1.5" × 1.75"), drilling 7.9 mm



## Bolt Ball

A bolt ball is the most simple kind of base for your RAM mount system. The bolt ball can be easily screwed on.



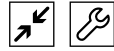
MATERIAL NO.	BASE SIZE	DESCRIPTION
<b>A Bolt Balls with male thread</b>		
51724773	B (1" ball)	M6-1 × 6
51724774	B (1" ball)	M8-1.25 × 8
51724775	B (1" ball)	M10-1.5 × 10
51724776	C (1.5" ball)	M8-1.25 × 10
51724777	C (1.5" ball)	M10-1.25 × 10 (fine thread)
<b>B Bolt Balls with female thread</b>		
51724778	B (1" ball)	M6 × 1
51724779	B (1" ball)	1/4"-20
<b>C Other Bolt Balls</b>		
51724780	B (1" ball)	With pre-drilled hole (Ø 8 mm)





### Rail Base

With a rail base, you can securely attach your RAM Mount to pipes and other round profiles.

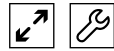


MATERIAL NO.	BASE SIZE	DESCRIPTION
<b>Rail Base</b>		
51716692	B (1" ball)	For rail Ø 1.25–3.1 cm (0.5"–1.25")
51716724	B (1" ball)	For rail Ø 1.9–3.1 cm (0.75"–1.25")
51716728	B (1" ball)	For rail Ø 1.9–2.5 cm (0.75"–1")
51716694	C (1.5" ball)	For rail Ø 1.25–3.1 cm (0.5"–1.25")
51716705	C (1.5" ball)	For rail Ø 1.9–3.1 cm (0.75"–1.25")
51385945	C (1.5" ball)	For rail Ø 3.2–4.7 cm (1.25"–1.875")
51716727	C (1.5" ball)	For rail Ø 3.2–3.8 cm (1.25"–1.5")
51724781	C (1.5" ball)	For rail Ø 5.1–6.35 cm (2"–2.5")
51421942	D (2.25" ball)	For rail Ø 1.9–3.2 cm (0.75"–1.25")
51716706	D (2.25" ball)	For rail Ø 3.2–3.8 cm (1.25"–1.5")



### V-Shaped Base for Rails

A V-shaped base is another possibility for attaching your RAM mount to round posts.



MATERIAL NO.	BASE SIZE	DESCRIPTION
<b>B V-Shaped Base for Rails</b>		
51716687	B (1" ball)	For rail Ø 2.5–5.3 cm
51716690	C (1.5" ball)	For rail Ø 2.5–5.3 cm



#### INSTALLATION TIP

Of course, you can install our accessories yourself or leave it to our trained Jungheinrich technicians.

This saves time and resources.

[www.jungheinrich.co.uk/services](http://www.jungheinrich.co.uk/services)







## Clamp Base

For edged profiles, use the clamp base.

- ▶ Includes two screws with a maximum clamping depth of 5.3 cm
- ▶ Greater depth thanks to longer screws



MATERIAL NO.	BASE SIZE	DESCRIPTION
<b>C Clamp Base</b>		
51716671	B (1" ball)	Span 5 cm
51716676	B (1" ball)	Span 6.35 cm
51716679	B (1" ball)	Span 7.6 cm
51716681	B (1" ball)	Span 10 cm
51716683	C (1.5" ball)	Span 6.35 cm
51716685	C (1.5" ball)	Span 7.6 cm
51716686	C (1.5" ball)	Span 10 cm
51716730	D (2.25" ball)	Span 5 cm
51716702	D (2.25" ball)	Span 6.35 cm
51716732	D (2.25" ball)	Span 7.6 cm
51716703	D (2.25" ball)	Span 10 cm
51716704	E (3.38" ball)	Span 6.35 cm

## Cheese Plate

The perforated plate (cheese plate) is clamped in between the safety rails of the overhead guard and serves as an attachment point for your individual RAM mount system.

- ▶ Several drillings in various patterns
- ▶ Can be flexibly equipped with several bases
- ▶ Full flexibility without having to interfere with a supporting structure



MATERIAL NO.	BASE SIZE	DESCRIPTION
<b>D Cheese Plate</b>		
51716701	Without base	For overhead guard, without base



### ORDER RIGHT AWAY

No bases included. Please select bases matching your system size from our range.





## Suction Cup Base

Attach smaller equipment to the window of the driver's cab or other smooth and non-porous surfaces.



MATERIAL NO.	BASE SIZE	DESCRIPTION
<b>A Suction Cup Base with single suction cup</b>		
51716737	B (1" ball)	8.4 cm, with diamond base
51716745	C (1.5" ball)	8.4 cm, with diamond base
<b>B Suction Cup Base with double suction cup</b>		
51716739	B (1" ball)	With diamond base
<b>Suction Cup Base with triple suction cup</b>		
51716754	without base	AMPS



## Magnetic Base

Three strong magnets in a protective shell of composite reliably hold the base wherever there are appropriate materials.



MATERIAL NO.	BASE SIZE	DESCRIPTION
<b>Magnetic Base</b>		
51716746	B (1" ball)	6.35 cm (2.5")



## Tough-Claw™

With a clamp base as the first link, RAM mount systems can be quickly installed without tools. The claws can be mounted to a profile, e.g. around the pillars of the overhead guard of your truck or at edges or on struts.



MATERIAL NO.	BASE SIZE	DESCRIPTION
<b>Tough-Claw™</b>		
51716733	B (1" ball)	For rail Ø 1.6–3.8 cm or edges up to 2.9 cm
51716734	B (1" ball)	For rail Ø 2.5–5.6 cm or edges up to 5.7 cm
51716735	B (1" ball)	For rail Ø 2.5–4.75 cm or edges up to 4 cm
51716740	C (1.5" ball)	For rail Ø 1.6–3.8 cm or edges up to 2.9 cm
51716741	C (1.5" ball)	For rail Ø 2.5–5.7 cm or edges up to 5.6 cm





## Connectors

Connectors are the real reason for the flexibility of RAM mount. They connect the vehicle-mounted base to the device holder. The sturdy design of the connectors with the typical locking screw offers almost unlimited mounting options. Choose from a variety of lengths, rigid connectors or connectors with additional joint.



### Rigid Connector

These rigid connectors are available for all system sizes and in various lengths.

MATERIAL NO.	FOR BASE SIZE	DESCRIPTION
<b>Rigid Connector</b>		
51716758	B (1" ball)	4.4 cm
51803635	B (1" ball)	7.6 cm
51716963	B (1" ball)	15.2 cm
51193759	C (1.5" ball)	8.9 cm
51193756	C (1.5" ball)	14.3 cm
51935082	C (1.5" ball)	23.2 cm
51130355	D (2.25" ball)	8.2 cm (3.2")
51716812	D (2.25" ball)	8.2 cm (3.2"), with lock nut
51130356	D (2.25" ball)	16.5 cm (6.5")
51716964	D (2.25" ball)	16.5 cm (6.5"), with lock nut
51646909	D (2.25" ball)	32.7 cm (12.875")
51716816	E (3.38" ball)	32 cm (12.625")
51692881	E (3.38" ball)	18.4 cm (7.25")



#### HOW IS IT MEASURED?

The specified length is from center of sphere to center of sphere.



### Connector with Joint

This special variant of the double socket arm is equipped with an additional joint in the center, which can be moved by 180 degrees. Additionally, the two receptacles can be rotated by 360 degrees.

MATERIAL NO.	FOR BASE SIZE	DESCRIPTION
<b>Connector with Joint</b>		
51716789	B (1" ball)	15.9 cm, with joint
51716790	C (1.5" ball)	20.7 cm, with joint



## Other Connectors

You can also compile an individualised connector. Select two adapters of your system size and either one gooseneck extension or an extension pipe. For lighter devices on 1" bases, three different lengths of gooseneck connections are available. For somewhat heavier devices in 1.5" systems choose from three rigid extension pipes.

MATERIAL NO.	DESCRIPTION
<b>A Adapter</b>	
51716792	Base B (1" ball), 1/4" NPT thread (female)
51716802	Base C (1.5" ball), 1/2" NPT thread (female)
<b>B Gooseneck Extension</b>	
51716794	15.2 cm (6"), 1/4" NPT thread (male)
51716796	22.8 cm (9"), 1/4" NPT thread (male)
51716801	45.7 cm (18"), 1/4" NPT thread (male)
<b>C Extension Pipe</b>	
51716807	30.5 cm (12"), 1/2" NPT thread (male)
51716809	45.7 cm (18"), 1/2" NPT thread (male)
51716810	61 cm (24"), 1/2" NPT thread (male)

A



B



C



## Connection Adapter

With a connection adapter, you can connect two or three connecting arms with each other and thus obtain an even more flexible mounting.

MATERIAL NO.	DESCRIPTION
<b>Rigid Connection Adapter</b>	
51724782	1" double ball
51724783	1,5" double ball
51724784	2,25" double ball
51724785	1" triple ball
51724786	1,5" triple ball



## Antitheft

Replace the normal knob of the link arm with a Pin-Lock™ that can only be loosened with a special locknut or a key-lockable knob.

MATERIAL NO.	DESCRIPTION
<b>A Pin-Lock™</b>	
51724787	Pin-Lock™ security knob, for all 1" connectors
51717079	Pin-Lock™ security knob, for all 1.5" connectors
<b>B Key-Lock</b>	
51717082	Key-Lock security knob, with key, for all 1" connectors
51778389	Key-Lock security knob, with key, for all 1.5" connectors



A

B





## Device Carrier

With a device carrier tray, the mount can be individually adapted. Bases and connectors can be used across the entire product range. A device carrier, however, specifically designed for a designated use and thus able to provide secure grip for accessories.



## VESA Holder

Industrial PCs and monitors usually offer the option of directly mounting a VESA standard holder. Thus, no manufacturer-specific device carrier is needed.

MATERIAL NO.	BASE SIZE	DESCRIPTION
<b>VESA Holder</b>		
51640875	C (1.5" ball)	VESA 75, 9.2 x 9.2 cm (3.625" x 3.625")
51716666	C (1.5" ball)	VESA 75/100, 12 x 12 cm (4.75" x 4.75")
51531042	D (2.25" ball)	VESA 75, 9.2 x 9.2 cm (3.625" x 3.625")
51381069	D (2.25" ball)	VESA 75/100, 12 x 12 cm (4.75" x 4.75")
51692882	E (3.38" ball)	VESA 75/100, 12 x 12 cm (4.75" x 4.75")



## Tough-Tray™ for Laptop

The Tough Tray™ can be extended to the sides to fit a variety of laptops, netbooks and tablets.

- ▶ Secure hold through rubber grip clamps and a strong spring mechanism
- ▶ Clamps can be moved horizontally and vertically
- ▶ No blockage of keys, connectors or drives

MATERIAL NO.	BASE SIZE	DESCRIPTION
<b>Tough-Tray™ Holder for Laptop</b>		
51717062	Without base	Laptop holder, (W x D) 25–40 x 25 cm, with flat arms
51724788	Without base	Laptop holder, (W x D) 25–40 x 25 cm
51717023	Without base	Netbook holder, (W x D) 21.7–28.2 x 15.2 cm



### ORDER RIGHT AWAY

An additional base in your system size is required for installation. The holder has various holes corresponding to AMPS standard on its back.



## X-Grip®

- ▶ Especially suitable for mobile phones and small tablets
- ▶ Mounting using a spring mechanism with four to eight rubberized holders

MATERIAL NO.	BASE SIZE	DESCRIPTION
<b>X-Grip®</b>		
51716966	B (1" ball)	For 3"-4" mobile
51716968	B (1" ball)	For 5" mobile
51716970	B (1" ball)	For 7" tablet
51716994	Without base	For 10" tablet
51717019	Without base	For 12" tablet

### ORDER RIGHT AWAY



The two X-Grip® holders without a base have prepared holes in the AMPS scheme. The complete holder requires an additional round or diamond shaped base in your system size.



## Finger-Grip™

If you do not need to quickly remove your mobile phone or radio from the holder, the Finger-Grip provides a secure solution that can be adapted to unusual housing formats.

MATERIAL NO.	BASE SIZE	DESCRIPTION
<b>Finger-Grip™</b>		
51717020	Without base	Holder for mobile/radio

### ORDER RIGHT AWAY



An additional base in your system size is required for installation. The holder has various holes corresponding to AMPS standard on its back.



## Cup Holder

This vibration compensating cup holder is suitable for carriage of drinks and other liquids (without the cup).

MATERIAL NO.	BASE SIZE	DESCRIPTION
<b>Cup Holder</b>		
51717049	B (1" ball)	Self-leveling





### Scanner Holster

This scanner gun cradle holds all standard scanner guns.

- ▶ Holds all commercially available hand-held scanner guns to a width of 8.8 cm (3.47") and a length of 5.4 cm (2.16")
- ▶ Securely positions it using the elastomeric fins on the spot
- ▶ The unique open bottom design enables scanning while in the holder

MATERIAL NO.	BASE SIZE	DESCRIPTION
<b>Scanner Holster</b>		
51717051	Without base	Holder for hand scanner



#### ORDER RIGHT AWAY

For mounting this scanner gun cradle to your RAM mount system, you need another base. The scanner gun cradle can be attached to any AMPS hole scheme bases.



### Camera Holder

Cameras and a variety of other devices can be mounted with this camera holder, using a 1/4" or 3/8" screw.

MATERIAL NO.	BASE SIZE	DESCRIPTION
<b>Camera Holder</b>		
51717047	B (1" ball)	Round, Ø 3.2 cm, 1/4"-20 screw
51717046	B (1" ball)	Round, Ø 6.3 cm, 1/4"-20 screw
51717045	C (1.5" ball)	Round, Ø 6.3 cm, 3/8"-16 screw
51717060	B (1" ball)	GoPro® Hero adapter



### DIN A4 Writing Board

High-quality writing board with rubber band and pen holder. Available with or without pre-mounted RAM mount "C" base.

MATERIAL NO.	DESCRIPTION
<b>DIN A4 Writing Board</b>	
51783268	Board without RAM mount
51783279	Board with Jungheinrich RAM mount "C" (1.5" ball)





**Notepad**

The Multi-Pad™ is a simple little clip-on pad with magnetic pen holder.

This Handi-Case™ is a note holder, desk pad, storage box and transport box all in one.

- ▶ Incl. magnets and a clamp, with which notes and pens can be attached
- ▶ The Handi-Case™ also has various pilot holes to attach additional accessories

MATERIAL NO.	BASE SIZE	DESCRIPTION
<b>Notepad</b>		
51717033	Without base	<b>A</b> Multi-Pad™ organiser, note and pen holder
51717056	Without base	<b>B</b> Handi-Case™, desk pad, with storage and handle



**ORDER RIGHT AWAY**

An additional base in your system size is needed for assembly. On the back you will find prepared holes for various bases.

**Glare Shield**

Provides ideal glare protection without taking away the view.

- ▶ Dark green 50 percent tint
- ▶ Is equipped with a 1" ball (size B)

MATERIAL NO.	BASE SIZE	DESCRIPTION
<b>Glare Shield</b>		
51717083	B (1" ball)	8" x 13"



**EVEN FASTER TO THE ORIGINAL!**

**Parts Online**

Conveniently order spare parts online – around the clock and from anywhere in the world.

[www.parts.jungheinrich.com](http://www.parts.jungheinrich.com)



# Other Accessories

In order to quickly fulfil the individual requirements of your forklifts and warehouse equipment without costly modifications, we are offering you a wide range of additional accessories – from abseil devices to air bulb horns.

---

## SYMBOLS OTHER ACCESSORIES



For the health



Additional measuring device



Extra security



## Abseil Device



MATERIAL NO.	DESCRIPTION
<b>Abseil Device</b>	
51668155	Abseil device
51826431	Abseil device XL, for larger body sizes



## Wiper Blade

MATERIAL NO.	SUITABLE FOR
<b>Wiper Blade for DFG/TFG 425/425s/430/430s</b>	
50451962	Front wipers, 600 mm length
50150179	Rear wipers, 410 mm length
<b>Wiper Blade for DFG/TFG 316/316S/320/320s</b>	
51045669	Front wipers, 650 mm length
51035868	Rear wipers, 350 mm length
<b>Wiper Blade for EFG 213–220 and 316–320</b>	
50052808	Front wipers, 700 mm length
51113935	Rear wipers, 450 mm length
<b>Wiper Blade for EFG 422–430 and 535–550</b>	
50052808	Front wipers, 700 mm length
50306966	Rear wipers, 500 mm length



## Sun Protection



MATERIAL NO.	SUITABLE FOR
<b>A Sun Visor</b>	
51101545	VFG 316s–435s, VFG 5
<b>B Sunblind</b>	
51101547	DFG/TFG 425–550s



## Lockable Fuel Tank Cap

Compatible with all converters and hydrostats (please check compatibility for models older than 2014).



MATERIAL NO.	PRODUCT
<b>Lockable Fuel Tank Cap</b>	
51457022	Lockable fuel tank cap



## Wireless Weighing System iForks-32

When transporting incoming goods or determining shipping weights, the use of mobile weighing systems can significantly increase efficiency. Retrofitting such a system to a forklift truck is now easier than ever. The latest iForks generation enables wireless transmission of the recorded measured values via bluetooth 4.0. The weighing forks are powered by two long-lasting Li-Ion battery packs. This enables installation and commissioning of the system within a few minutes. The display is installed in the driver's cab with a RAM holder.

- ▶ Particularly flat design for perfect fitting to the forks
- ▶ Standard fork back for easy mounting also in combination with fork positioner
- ▶ Digital calibration
- ▶ Automatic tilt compensation
- ▶ Automatic maximum/overload protocol
- ▶ Automatic shutdown function for optimum energy management
- ▶ Overload warning



### TECHNICAL SPECIFICATION

- ▶ Capacity: 2,500 kg – FEM 2A (3,000 + 5,000 kg – FEM 3 on request)
- ▶ Multiple range display: 1–2 kg
- ▶ System tolerance: 0.1% of the lifted load
- ▶ Display: two-colour (green/red), digit height 22 mm
- ▶ 5 digits, with background lighting
- ▶ Protection class: IP65

MATERIAL NO.	PRODUCT
<b>Wireless Weighing System iForks-32</b>	
51713273	iForks-32 forks pair

## Additional options

MATERIAL NO.	TYPE
51713147	FEM 2B forks instead of FEM 2A forks
51713148	Input 9–100 V, output 12 V; converter/regulator built into the display
51713149	Extra set of two Li-Ion batteries
51713153	Thermo printer 6 V (includes rechargeable AA batteries and charger)
51713151	Thermo printer 12 V (mounted next to the display)
51713204	Certified design, 40–2,000 kg in 1 kg increments, from 2,000 kg to max. 2,500 kg in 2 kg increments
51713205	Bluetooth output for connection to PDA
51713207	Wi-fi module for network integration, WPA2 security protocol (not WPA2 Enterprise)
51739714	Wi-fi module in separate housing next to the display incl. WPA2 Enterprise security protocol



## Sticker Bag

Jungheinrich sticker bag includes warning and safety signs for your forklift.

The clear labeling with application instructions on the truck ensures safe handling of the truck, reduces accidents and thus protects people, material handling equipment and goods.

MATERIAL NO.	PRODUCT
<b>Sticker Bag</b>	
51208713	Bag with 14 various stickers, individually packaged in stain-resistant sleeves.



## Antistatic Band

The antistatic band is applied directly to the truck frame. By discharging static electricity, the antistatic band protects people from electric shock by dissipating the energy of the truck body.



MATERIAL NO.	LENGTH
<b>Antistatic Band</b>	
28421160	530 x 20 mm



### PLEASE NOTE

The antistatic band is not suitable for explosion protected vehicles.

## Air Bulb Horn

Whether as an alternative horn for your ex-protection vehicle or as a retro gadget – the air bulb horn has a wide range of applications and is quick and easy to install.

MATERIAL NO.	PRODUCT
<b>Air Bulb Horn</b>	
51315719	Pneumatic horn







polish  
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E.  
**JUNGHEINRICH**

Glisspray  
Contact spray  
Lubrifiant en bombe  
Spray lubrifiant  
Spray lubrificante  
Intruse  
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Hydrauliköl  
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**ISO 9001** The German production facilities  
**ISO 14001** in Norderstedt, Moosburg  
and Landsberg are certified.

 Jungheinrich trucks  
conform to the European  
Safety Requirements.

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