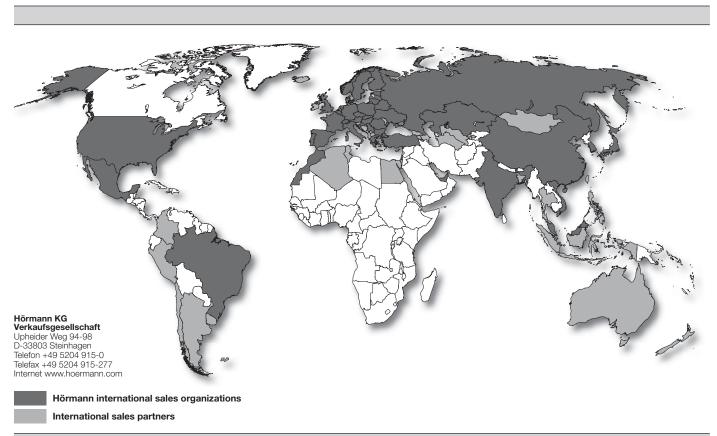


420 S / T, 420 Si / Ti, 445 S / T and 460 S / T

Spare Parts Overview Valid from 01.03.2017

HÖRMANN

Hörmann Subsidiaries and Affiliates



Hörmann international sales organizations

Hörmann Austria A-5310 Mondsee info@hoermann.at

Hörmann Baltic T-14247 Vilnius r info@hormann.lt

Hörmann Belarus BY-220125 Minsk s.kobrynets.min@hormann.by info.cat@hormann.es

Hörmann Belgium B-3700 Tongeren info@hormann.be

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Hörmann Bulgaria BG-1532 Sofia info.sof@hormann.bg

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Hörmann China CN-100176 Beijing info@hoermann.cn

Hörmann España E-08228 Terrassa Hörmann Finnland

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Hörmann Danmark

DK-8920 Randers

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Hörmann Eesti

FIN-02420 Jorvas info@mesvac.fi

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Hörmann Hong Kong HK-25 Westlands Road, Quarry Bay info@hoermann.com.hk

Hörmann Hrvatska HR-10000 Zagreb info@hormann.hr

Hörmann Hungária H-2310 Szigetszentmiklós info@hormann.hu

Hörmann India IND-Andhra Pradesh-500 015 info@shaktihormann.com

Hörmann Italia I-38015 Lavis (Trento) info@hormann.it

Hörmann Japan JP-103-0 002 Tokyo t.takasu.tok@hormann.jp

Hörmann Kazakhstan KZ-050004 Almaty info@hormann.kz

Hörmann Korea KR-Kyunggi-do 463-400 info@hormann.co.kr

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Hörmann Middle East UAE-Dubai

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Hörmann UK GB-Leicestershire I F67 4JW info@hormann.co.uk

Hörmann Ukraine UA-08300 Boryspil, Kviwska Obl. info@hoermann.com.ua

Hörmann Vietnam VN-Bac Ninh Province info.han@hormann.vn

You can find more details on our foreign subsidiaries and respective regional sales offices at www.hoermann.com

International sales partners Ägypten Albanien Algerien Argentinien Armenien Aserbaidschan

Australien Bangladesch Bosnien-Herzegowina Chile Finnland Georgien

Indonesien Irland Island Israel Kolumbien Kosovo

Luxembura Malta Mazedonien Moldawien Mongolei Montenearo Neuseeland Peru Philippinen Slowenien Taiwan Thailand

Tunesien Turkmenistan Uruguay Usbekistan Venezuela

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Symbols Used

Symbol	Description
	Price on request
Z	Please note the extended delivery times.
٠	Prices marked with a dot indicate articles that are available from stock and available immediately ex works.
S	Article has been replaced.
×	No longer available

Page

Article	Description	Production period	Art. no.	Qty.	€
000 00000000000000000000000000000000000	Controls for Hörmann Fork Truck Barrier (HFB)	2009-09-01 –	637678	Each	/each
	Complete control in housing with main switch 420 S 420 S 420S, energy-efficient and Auto-return function	2005-05-01 - 2008-05-31 2008-06-01 - 2013-03-31 2013-04-01 -	636870 つ 636872 つ 636868	Each	/each
000 x 000	Complete control in housing with main switch 420 T 420 T 420 T, energy-efficient	2005-05-01 – 2008-05-31 2008-06-01 – 2013-03-31 2013-04-01 –	636871 D 636873 D 636869	Each	/each
000 000 000 000 000 000 000 000 000 00	Combination control completely integrated into the housing with main switch 420 Si, energy-efficient Combined door control unit for WA 300 (R) S4 and dock leveller control 420 S	2017-03-01 –	636892	Each	/each
00000000000000000000000000000000000000	Combination control completely integrated into the housing with main switch 420 Ti, energy-efficient Combined door control unit for WA 300 (R) S4 and dock leveller control 420 T	2017-03-01 –	636893	Each	/each
0000000	Complete control in housing with main switch 445 S Note: Control 445 S is replaced by control 460 S (636911), energy-efficient	2005-05-01 – 2013-03-31	636877 " "	Each	

	Customer no.:	Order no.:	
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RD	Shipping address:		
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	Place/date:		Stamp and signature

Article	Description	Production period	Art. no.	Qty.	€
	Complete control in housing with main switch 445 T Note: Control 445 T is replaced by control 460 T (636912), energy-efficient	2005-05-01 – 2013-03-31	636878 ")	Each	
	Complete control in housing with main switch 460 S 460 S, energy-efficient	2005-05-01 – 2013-03-31 2013-04-01 –	636882 🎝 636911	Each	/each
000 000 000 000 000 000 000 000 000 00	Complete control in housing with main switch 460 T 460 T, energy-efficient	2005-05-01 – 2013-03-31 2013-04-01 –	636883 🎝 636912	Each	/each
000 000 000 000 000	Control 300 U External control Compact control for WA 300 and dock leveller control 460 S/T	2013-03-31 –	637785	Each	/each
000000000000000000000000000000000000000	Control 400 U External control Compact control to actuate doors of other makes in combination with dock leveller controls	2005-05-01 –	637116	Each	/each
	Microfuse 10 A/250 V/T/H (VE 10 units) 3.15 A/250 V/T/H (VE 10 units) 6.3 A/250 V/T/H (VE 10 units) 0.125 A/250 V/T/H (VE 10 units)	2004-04-01 - 2004-04-01 - 2011-07-01 - 2007-07-01 -	638490 638123 638122 638497	Each	/each /each /each /each
00000	Flange cover Without screw connection, top With screw connection without mains lead, bottom (not shown)	2005-05-01 – 2005-05-01 –	638112 638124	Each	/each /each

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Article	Description	Production period	Art. no.	Qty.	€
00 00 000 000 000 000 000 000 000 000	Bottom part Control housing	2005-05-01 –	638125	Each	/each
	Housing cover with plastic film incl. display circuit board			Each	
	420 S – Not shown 420 S – Not shown 420 S, with automatic return function not shown	2005-05-01 - 2008-05-31 2008-06-01 - 2013-04-01 -	637980 × 637610 636913		/each /each
	420 T – Not shown 420 T – Not shown 445 S – Not shown 445 T – Not shown 460 S – Not shown	2005-05-01 - 2008-05-31 2008-06-01 - 2005-05-01 - 2013-03-31 2005-05-01 - 2013-03-31 2005-05-01 -	637981 × 637611 637982 ⊃ 637983 ⊃ 637984		/each /each
	460 T Note: Please note the production period when placing orders. Housing covers are only compatible with circuit boards from the same production period. These must be ordered from the same production period if necessary.	2005-05-01 –	637985		/each
	Keypad circuit board for the dock seal function	2005-05-01 –	638385	Each	/each
	Corresponding screw bag (not shown)	2005-05-01 –	638226		/each

	Customer no.:	Order no.:	
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Article	Description	Production period	Art. no.	Qty.	€
	Keypad circuit board			Each	
	420 S 420 S	2005-05-01 – 2008-05-31 2008-06-01 –	638950 637608		/each /each
	420 S, with Auto-return button – not shown 420 T 420 T	2013-04-01 – 2005-05-01 – 2008-05-31 2008-06-01 –	637791 638951 🎝 637609		/each /each
000	Corresponding screw bag (not shown) Note: Please note the production period when placing orders. Keypad prints are only compatible with circuit boards from the same production period. These must be ordered from the same production period if necessary.	2005-05-01 –	638226		/each
	Display circuit board 445 S/T and 460 S/T Corresponding screw bag (not shown)	2005-05-01 – 2005-05-01 –	638069 638226	Each	/each /each
	Circuit board			Each	
	420 S 420 S	2005-05-01 - 2008-05-31 2008-06-01 - 2013-03-31	637437 💭 637606 🎝		
	420 S, energy-efficient 420 T 420 T	2013-04-01 – 2005-05-01 – 2008-05-31 2008-06-01 – 2013-03-31	637789 637438 💭 637607 🎝		/each
	420 T, energy-efficient 445 S 460 S	2013-04-01 – 2005-05-01 – 2013-03-31 2005-05-01 – 2013-03-31	637790 637442 D 637444 D		/each
	460 S, energy-efficient 445 T 460 T	01.04.2013 - 2005-05-01 - 2013-03-31 2005-05-01 -	637792 637443 ⊋ 637445 ⊋		/each
	460 T, energy-efficient Note: Please note the production period when placing orders. Circuit boards are only compatible with keypad prints from the same production	01.04.2013 -	637793		/each
	period. These or a control cover must be ordered from the same production period if necessary.				

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Article	Description	Production period	Art. no.	Qty.	€
Hadda and a state of the state	Accessory bag Control housing	2005-05-01 –	638036	Each	/each
0000	Small extension housing, incl. fitting material	2005-05-01 –	637014	Each	/each
A Contraction of the second se	Accessory bag Extension housing	2005-05-01 –	638079	Each	/each
	Accessory bag Extension housing / circuit board fastening	2005-05-01 –	638035	Each	/each
	Screw bag Control cover / extension housing	2005-05-01 –	638225	Each	/each
	Screw kit 2 × M16 screws and various seals	2005-05-01 –	638038	Each	/each
	Screw kit 4 × M16 screws and various seals	2005-05-01 –	637018	Each	/each

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Article	Description	Production period	Art. no.	Qty.	€
	Screw kit 2 × M20 screws and various seals		638227	Each	/each
	Main switch 3-phase current, for installation in 420 S/T, 445 S/T, 460 S/T, HTLV-2, HTLV-3	2005-01-01 –	638172	Each	/each
	Main switch top part	2010-02-15 –	635256	Each	/each
66000 0000 00000 000000000000000000000	Relay circuit board With fuse, 2 relays, complete, to control roll curtains 445 S/T and 460 S/T	2005-05-01 –	637052	Each	/each
	Multi-function circuit board With connecting leads and fitting accessories for controls 445 S/T and 460 S/T Incl. connecting lead 3 × 1 mm ² length 540 mm	2005-05-01 –	637026	Each	/each
	Flat connecting cable 10-wire, length: 400 mm 10-wire, length: 1000 mm	2003-03-01 – 2015-04-01 –	638374 638448	Each	/each /each
	Connecting cable 3-wire, length: 650 mm	2004-04-01 –	637562	Each	/each
	Traffic light control circuit board red / green With connecting leads and fitting accessories for controls 460 S/T Incl. connecting lead 3 × 1 mm ² length 540 mm	2005-05-01 –	637053	Each	/each

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Article	Description	Production period	Art. no.	Qty.	€
	Activating kit Wheel chock / photocell / driver registration (distributor box X44 complete)	2005-05-01 –	637257	Each	/each
e and a second s	Wheel chock circuit board (from distributor box X44) For lorry registration Corresponding screw bag (not shown)	2005-05-01 – 2005-05-01 –	638386 638226	Each	/each /each
	Relay circuit board PR1 in housing, IP 44	1999-07-01 –	437130	Each	/each
	Relay circuit board PR 1 (Hat rail fitting) for fitting in the control housing 420 S/T or 420 Si/Ti	2008-08-15 –	637614	Each	/each
No. 171 (1)	Relay photocell for ramp locking RV1 Note: If the door control does not include limit switch reporting.	2005-05-01 –	438478	Each	/each
	"Bi-directional" magnet switch With fitting material for dock locking Note: If the door control does not include limit switch reporting.	2006-11-01 –	436339	Each	/each
	Connecting lead 1 valve Length: 7500 mm	2006-05-01 –	637256	Each	/each

	Customer no.:	Order no.:	
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Article	Description	Production period	Art. no.	Qty.	€
	Connecting lead 3 valves			Each	
	Length: 7500 mm Length: 12000 mm	2006-11-01 – 2006-11-01 –	637463 637465		/each /each
	Sensor activating kit			Each	
	Length: 7500 mm Length: 12000 mm	2005-05-01 – 2006-05-01 –	637258 637481		/each /each
	3-phase current motor connecting lead			Each	
	Length: 7500 mm Length: 12000 mm	2005-05-01 – 2006-03-01 –	637421 637479		/each /each
	1-phase current motor connecting lead			Each	
	Length: 7500 mm	2005-05-01 -	637420		/each
	Length: 12000 mm	2006-03-01 –	637480		/each
	Connecting cable (power supply) Dock leveller control / door control			Each	
	3-phase current	2005-05-01 –	638352		/each
	Connecting cable (power supply)			Each	
	Dock leveller control / door control 1-phase current	2005-05-01 –	638353		/each
				Each	
	Motor connecting lead for inflatable dock seal, 6 m	2007-06-01 –	637156		/each
				Each	
	External control DTH-S for hinged lip dock levellers For loading houses with 15 m connecting lead for permanent fitting	2016-04-01 –	637494		/each

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Article	Description	Production period	Art. no.	Qty.	€
	External control DTH-T for telescopic lip dock levellers For DOBO with coiled cable and magnetic fastener For loading houses with 15 m connecting lead for permanent fitting (not shown)	2013-03-01 – 2014-01-15 –	637788	Each	/each /each
AND		2014-01-13 -	037495		/each
	5-wire coiled cable for DTH-T (637788)	2005-01-01 –	638182	Each	/each
	Hörmann Light Guide (LG) Optical wheel guide consisting of 2 power LEDs (24 V/0.05 A) incl. connection cable	2013-03-01 –	639783	Each	/each
	Activating kit for rolling flap and dock seal for 460 S/T for 420 S/T or controls of other makes (with power supply unit)	2013-07-01 – 2013-07-01 –	639784 639785	Each	/each /each
	Housing heater for fitting in the control housing for the 420 S/T and 460 S/T, down to –35°C	2005-06-01 –	637422	Each	/each

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Article	Description	Production period	Art. no.	Qty.	€
	LED warning lights			Each	
Ra	TL 40ye, yellow	2008-03-15 -	637536		/each
	TL 40gn, green	2008-03-15 -	637535		/each
	TL 40rd, red	2008-03-15 -	637534		/each
	TL 40rd/gn, red/green	2008-03-15 -	637537		/each
	TL 40rd / ye/gn, red / yellow / green	2008-03-15 -	637573		/each
	Note:				,
	Warning lights are for 230 V, 50 Hz				
	Circuit board for LED warning lights			Each	
	TL 40				
00000	\/_U	0007 05 01	007555		(h
	Yellow	2007-05-01 -	637555		/each /each
	Green Red	2007-05-01 -	637554 637553		/each /each
U U	neu	2007-03-01 -	037003		/each
	Glass for LED warning lights TL 40			Each	
	Yellow	2008-04-01 -	637581		/each
	Green	2008-04-01 -	637582		/each
	Red	2008-04-01 -	637580		/each
				Each	
	Alarm horn	2004-02-01 -	637197		/each

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	Place/date:		Stamp and signature

ticle	Description		Production period	Art. no.	Qty.	€
	Label, emergency	-off switch			Each	
	Deutsch	DE	2006-12-01 -	639011		/ead
	English	EN	2006-12-01 -	639012		/ead
	Français	FR	2006-12-01 -	639013		/ead
	Nederlands	NL	2006-12-01 -	639014		/ea
	Español	ES	2006-12-01 -	639016		/ea
	Italiano	IT	2006-12-01 -	639015		/ea
	Português	PT	2006-12-01 -	639024		/ea
	Polski	PL	2006-12-01 -	639018		/ea
	_ Magyar	HU	2006-12-01 -	639019		/ea
kett bitte abziehen und auf dem Steuerungsgehäuse oder in mittelbarer Nähe anbringen. 9 Anbringung ist verpflichtet gemäß EN 1398.		CS	2006-12-01 -	639020		/ea
Bedienung der Ladebrücke ausschließlich durch	Русский	RU	2006-12-01 -	639021		/ea
eingewiesenes Personal! NOT-AUS-SCHALTER	Slovensko	SL	2006-12-01 -	639027		/ea
NUR IM NOTFALL BENUTZEN! Ladebrücke mit dem Not-Aus-Schalter nicht bedienen!	Norsk	NO	2006-12-01 -	639022		/ea
Weitere Information siehe ausführliche Anleitungen für Montage, Betrieb und Service.	Svenska	SV	2006-12-01 -	639017		/ea
Nennlast 60 kN		SV Fl	2006-12-01 -	639026		/ea
0123456789	Suomi	FI DA	2006-12-01 -	639023		/e
URIRZEJATAJAURIEURJA	Dansk		2006-12-01 -	639035		/e
	Slovensky	SK	2006-12-01 -	639033		/e: /e:
	Türkçe	TR				
	Lietuvių Kalba	LT	2006-12-01 -	639030		/e
	Eesti	ET	2006-12-01 -	639031		/e
	Latviešu Valoda	LV	2006-12-01 -	639034		/e
	Hrvatski	HR	2006-12-01 -	639029		/e
	Srpski	SR	2006-12-01 -	639036		/e
	Ελληνικά	EL	2006-12-01 -	639025		/e
	Română	RO	2006-12-01 -	639028		/e
	Български	BG	2006-12-01 -	639032		/e
	Terminal strip				Each	
Control Dependence	2-pole with bridge		2005-05-01 –	638148		/e
	4-pole		2005-05-01 -	638149		/e /e
COLORIS CALLS	5-pole		2005-05-01 -	638375		/e
	6-pole with bridge		2005-05-01 -	638150		/e /e
	8-pole with bridge		2005-05-01 -	637455		/e
	8-pole with bridge		2003-03-01 -	037400		/e
18)	Terminal strip (Control)				Each	
THE SEA						
C DELEB	X 90 (400 V)		2005-05-01 -	638156		/e
CONTRACTOR OF THE OWNER	X 91 3-pole		2005-05-01 -	638157		/ea
	X 92 4-pole, black		2005-05-01 -	638387		/ea

	Customer no.:	Order no.:	
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	Place/date:		Stamp and signature

Notes

Order: Spare parts to Hörmann KG: Page 1 of 1								Invoicing will be done by Hörmann KG/VKG. The fields with a grey border will be filled out at the factory.			
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Deliv	ery addr	ess:"									
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General Terms and Conditions of Sale and Delivery (Issue 01.03.2016)

§ 1 General

- 1. Our General Terms and Conditions of Sale and Delivery apply to all deliveries and services in accordance with the contract concluded between us and the Customer. 2. Our General Terms and Conditions of Sale and Delivery are exclusively applicable;
- Customers' conditions which conflict with or deviate from our conditions are not recognised unless we have agreed to them expressly in writing. 3. Our General Terms and Conditions of Sale and Delivery apply only to transactions with
- business entities as per § 14 of the German Civil Code [BGB]

§ 2 Entry into Contract

- 1. Our offers are without engagement and non-binding, unless otherwise agreed. Decisive for nature and scope is our order confirmation. We reserve the right to make technical changes as well as changes in form, colour and/or weight insofar as is reasonable. 2. The offer shall be regarded as accepted only when an order confirmation is issued or the
- goods are dispatched. The issue of a confirmation of receipt or the receipt of a telephone order do not constitute a binding acceptance. In the case of goods that have to be made to order, following our written confirmation the contract shall be regarded as having been entered into even if details of its execution which may affect price and delivery remain to be clarified. The right to make design and form changes during the delivery period is reserved, provided that the subject of delivery and its function and appearance are not fundamentally altered thereby. There will be no resulting change in price.
- 3. In respect of figures, drawings, calculations and similar documents, we reserve ownership and copyright. This likewise applies to such documents designated as "confidential". These documents may not be made available to third parties without our express prior approval.

§ 3 Prices and Terms of Payment

- 1. Unless otherwise specified in the order confirmation, our prices apply "ex works", excluding transport and assembly, which shall be invoiced separately. Costs for packaging, with the exception of small and spare parts, are included. The value added tax as required by law is not included in our prices; this tax will be shown separately on the invoice at the legal rate
- applicable on the date of invoicing. 2. Our invoices shall be due to be paid net (without deduction) within 30 days. The deduction
- of discounts requires a special agreement in writing. 3. Should the price of materials increase taxes or levies be increased after the contract has been concluded, we shall be entitled to adjust our prices accordingly if there are at least 4 months between entry into contract and intended delivery.
- Should the Customer commission not only delivery but also assembly or similar services, these shall be invoiced by the hour unless a fixed rate has been agreed expressly. Our valid
- Terms and Conditions of Installation shall apply to all assembly services. 5. We are entitled, even in the case of conflicting Customer conditions, to set off payments against the Customer's previous debts. If costs and interest have already incurre entitled to set off the payment against the costs, then to the interest and finally to the main service.
- 6. We are also entitled to make our remaining claims immediately payable and render the execution of all further services subject to an advance payment or provision of security, if we become aware of circumstances that call the solvency and the credit standing of the Customer into question, in particular in the event of default in payment. The right to claim
- further damages will remain unaffected. 7. During the delay, the Customer cannot invoke the right to possession. Any claim for return on our side during a delay on the Customers side shall only be considered as withdrawal from the contract if we have specified this expressly in writing.
- The Customer shall only have the right to offsetting if the Customer's counterclaims have been determined without further legal recourse, beyond dispute or if the counterclaims have 8. been recognised by us. The Customer can only exert a right of retention if and when the counterclaim rests on the same contractual relationship.

§ 4 Place of Fulfilment, Transfer of Risk

- 1. Unless otherwise specified in the order confirmation, a delivery "ex works" (INCOTERMS 2010) has been agreed. The risk of accidental loss or deterioration of the goods purchased passes to the Customer upon hand-over of the goods to the shipping agent, the freight forwarder or the person or establishment otherwise appointed to execute the shipment. This shall likewise apply in case of partial delivery or if we have taken over other services (e.g. shipping or assembly).
- 2 Should the Customer be in default of acceptance, the risk of accidental loss or deterioration of the goods purchased shall pass to the Customer. Any storage costs incurred shall comply with § 5 No. 3.
- 3. If carriage paid delivery of the goods has been agreed, the means of transport must be unloaded immediately by the Customer. Waiting times will always be at the Customer's expense. Direct delivery to site shall always be regarded as on truck on an even, drivable road. Unloading including transportation to the place of use or storage is the responsibility of the Customer who in the event of delay must bear the cost and risk of unloading, stacking, storage or return transport. The recipient acting on behalf of the Customer at the place of unloading shall be regarded as authorised to accept the load with binding effect.

§ 5 Period of Delivery

- 1. The period of delivery specified by us shall only begin after clarification of all technical questions
- 2. Information on delivery dates shall be considered the expected periods of delivery and are always subject to correct and timely delivery by suppliers and/or other manufacturers to us. The Customer may only set a time limit for the supply/performance if the expected delivery date has been exceeded by more than three weeks. This time limit must be reasonable and must amount to a minimum of three weeks. Claims for damages due to non-compliance with an expected delivery date are excluded. Delays in supply and performance as a result of force majeure or as a result of events which materially impede or prevent us from making delivery – including in particular subsequent material sourcing difficulties for which we are if these affect our suppliers or sub-suppliers – will be notified to the Customer immediately. Events of this type entitle us to withdraw from the contract either in whole or in part if the order is not yet completed. In the event of withdrawal, any compensating measures
- already performed by the Customer shall be reimbursed immediately.
 Should the Customer be in delay of acceptance, we are entitled to store the goods at the Customer's risk and expense. For the corresponding storage costs, we can optionally demand reimbursement of the actually incurred costs or of a fixed rate of 5% of the invoice sum for each commenced month. This also applies to storage by us. The Customer has the right to prove less damage in the event of a claim to flat-rate damage reimbursement.
- 4. Should , after the time limit set by us has expired, the Customer refuse to accept the goods or declare to no longer want to accept the goods without entitlement to do so, we can also demand damage compensation due to non-fulfilment
- 5. Partial deliveries are permissible to a reasonable extent.

§6 Reservation of Title

- We reserve ownership of the goods until complete payment of all claims from the ongoing 1 the claims relationship with the Customer. Should the value of the reserved goods exceed the claims to be secured from the ongoing business relationship with the Customer by more than 20%, we are obligated to release the reserved goods on Customer request. The selection of the securities to be released is at our discretion.
- While retention of title is in effect, the Customer is obligated to treat the goods purchased with care and sufficiently insure them against fire, water and theft at their value when new and at the Customer's expense. Any claims asserted for damages by the Customer against the insurer or other third parties due to deterioration of the reserved goods are right now signed over to us at the amount of the invoice sum. Should maintenance and inspection work be required, the Customer shall perform said work regularly at the Customer's own expense. The Customer must inform us immediately and in writing of all access of third parties to the goods, in particular of all foreclosure and any damage to ar destruction of the goods. The Customer must inform us of a change in possession of the goods as well as a change in the Customer's address immediately. The Customer must reimburse us of all damage and costs caused by a violation of this obligation and resulting necessary intervention measures to prevent access of third parties to the goods. In the event of access by third parties, the Customer must also provide us with the necessary help to exercise
- The Customer is not permitted to pledge reserved goods nor assign them as security.
- Processing or transformation of goods supplied subject to the reservation of title is always undertaken by the Customer on our behalf. Should the reserved goods be combined or processed with other items, the reservation of title shall continue for the processed or combined goods. If the reserved goods are processed or combined inextricably with items which are not our property, we shall acquire ownership of the new object in the ratio of the invoice value of the reserved goods to the invoice value of the other goods used at the time of processing or combination. The resulting co-ownership rights shall be deemed to be reserved goods in accordance with these terms and conditions. If our goods are joined or combined inextricably with other movable items into a single object and the other object is to be considered the main object, the Customer shall concede proportionate joint ownership to us should the main object belong to the Customer. In the aforementioned cases, the Customer here and now assigns all ownership rights to the processed, joined, or combined goods to us. Instead of a transfer, the Customer shall hold the processed, joined, combined goods to us. Instead of a transfer, the Customer shall hold the processed, joined, or combined object in safe custody on our behalf. For the object resulting from processing, use, or combination, the same applies in all other respects as for reserved goods.
 5. The Customer is entitled to resell goods supplied subject to reservation of title by way of due and proper business transactions. The Customer here and now assigns all claims with
- all rights arising from the reserved goods to us in full. We accept this assignment. Should the Customer sell the reserved goods after processing/combination together with goods not belonging to the Customer, the Customer here and now assigns to us the claims resulting from resale at the value at new of the reserved goods along with all ancillary rights. We accept this assignment right now. The Customer is entitled to collect this claim even after assignment. However, we reserve the right to collect the claim ourselves as soon as the Customer fails to properly meet payment obligations and enters into default, or reasonable doubt about the Customer's solvency and credit standing exists. On our request, the amount of the assigned claim, the person of the debtor and all other information required for collection must be provided, the corresponding documents be handed over and the debtor be notified of the assignment.
- The right to further processing and resale ends with withdrawal from the contract
- During the Customer's standard business hours, we are at all times entitled to enter the offices and operating premises to check the reserved goods and to take possession of the reserved goods insofar as the Customer is unable to invoke rights to possession.

§ 7 Defect Claims

- 1. The Customer shall be entitled to claims for defect only if the Customer's duties to inspect and report pursuant to § 377 of the German Commercial Code [HGB] have been duly complied with. In the event that complaints are not reported in due time and/or in due form, the goods shall be regarded as accepted.
- 2. For the delivery of objects, we are free to decide to affect supplementary performance either by repair or replacement. If supplementary performance fails, the Customer can at his choice demand a reduction, withdrawal or compensation. In the event of only minor defects the Customer has no right to withdrawal.
- As a matter of principle, the nature of the goods purchased shall be defined solely by the manufacturer's product description/order confirmation. Public statements, recommendations or advertisements by the manufacturer do not constitute contractual statements as to the nature of the goods.
- The period of limitation for defect claims is based on § 438, Para. 1, No. 2 of the German Civil Code [BGB] as long as no deviating time limits have been expressly agreed. 5. The Customer is not entitled to assign claims for material defects.

§ 8 Liability

- We accept liability within legal provisions, provided the Customer asserts claims for damages that are based on intent or gross negligence. In the event of minor negligence, our liability is limited to predictable, typically occurring damage. We are not liable in the event of minor negligence of non-essential contractual obligations whose violation does not threaten the performance of the contract. This also applies to breach of duty by our legal
- representatives or vicarious agents. Liability for negligent injury to life or limb or the impairment of a person's health remains unaffected from the above limitations of liability; this also applies to Customer claims according to the German Product Liability Act [Produkthaftungsgesetz].

§ 9 Concluding Provisions

- The law of the Federal Republic of Germany shall apply. The UN Convention on the International Sale of Goods shall not be applicable. To take legal effect, subsidiary agreements and amendments must be confirmed in writing.
- This likewise applies to any modification of the clause stipulating the written form. Unless otherwise specified in the order confirmation, our headquarters are the place of 3. fulfilment. The exclusive place of jurisdiction for all disputes arising from this contract shall be Bielefeld, Germany.
- Insofar as individual terms of the contract including these General Terms and Conditions should be or become ineffective either in whole or in part, this shall not affect the validity of the remaining provisions.

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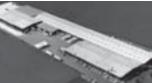
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