

KM 501 – Upper Suspension between Rotator and Crane



KM 501

An upper suspension is a cardan link between rotator and crane. It is available for all current makes and models of cranes. Please specify dimensions when ordering

Type	Load capacity (kg)	Self weight (approx. kg)
KM 501 3000	up to 3000	5
KM 501 4500	up to 4500	10
KM 501 6000	up to 6000	15
KM 501 10000	up to 10000	25

KM 511 – Upper Suspension with Pendulum Damper between Rotator and Crane



KM 511

A pendulum damper reduces the horizontal swing of the attachment. It can also be retrofitted to an existing upper suspension

Type	Load capacity (kg)	Self weight (approx. kg)
KM 511 4500	up to 4500	15
KM 511 6000	up to 6000	20
KM 511 10000	up to 10000	30

KM 206 – Hose Guard



The hose guard is a metal bow to be attached onto the rotator. It is designed to protect the hoses of the rotator from damage i.e. from protruding branches

	Self weight (approx. kg)
KM 206 hose guard for the rotator	3

KM 502 – Reduction Link between Rotator and Grapple



KM 502

A reduction link adapts a shaft type rotator to an attachment with a standard hole pattern for a flange

Type	Load capacity (kg)	Self weight (approx. kg)
KM 502 3000	up to 3000	2
KM 502 4500	up to 4500	3
KM 502 6000	up to 6000	4



KM 502-AD



KM 502-FL

Accessories for Attaching Pallet Forks etc.



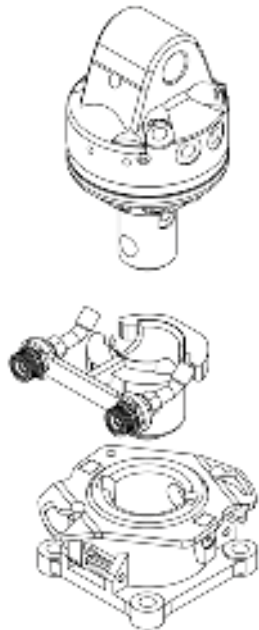
KM 460 03

Type	Description	Type of rotator	Weight (kg, approx.)
KM 460 03 KM 03 S	rigid suspension link with pin for all	KM 03	8
KM 460 03 KM 04 S	KINSHOFER shaft-type rotators	KM 04	10
KM 460 08 KM 03 S	rigid hook for all	KM 03	8
KM 460 08 KM 04 S	KINSHOFER shaft rotators	KM 04	9
KM 460 04 KM 04 S	non-rotating swinging hook for all	KM 04	12
KM 460 04 KM 06 S	KINSHOFER shaft rotators	KM 06	15
KM 460 10	non-rotating swinging hook for all KINSHOFER flange rotators	KM 10 F173 (KM 04 to KM 10)	25



KM 460 04

KM 505 – Quick Change System for Shaft-Type Rotators



The quick change system enables an easy exchange between different attachments. The mechanical coupling and locking is achieved by the turning motion of the rotator. You simply disconnect quick couplings and disengage the locking device manually. Upper elements of the quick change system are available for all **KINSHOFER** shaft rotators. The KM 505 system can be used on most attachments which allows the versatility to quickly change the application with a minimum of down-time. Not suitable for heavy duty work.

Type	Description	Hole pattern of flange (mm)	Self weight (kg)
KM 505	complete, incl. hydraulic couplings (KM 204 01)	4x Ø18 / □ 140	12
KM 505 01	upper element fitted to rotator incl. 2 mobile parts		5
KM 204 01	mobile part of hydraulic quick coupling (2 pieces) for KM 505 01		
KM 505 02	lower element mounted onto attachment	4x Ø18 / □ 140	7
KM 505 03	rigid suspension link with non-rotating hook to connect to the KM 505 01		7
KM 505 05	distance ring between KM 505 and K M 461 universal fork		5



KM 505 01

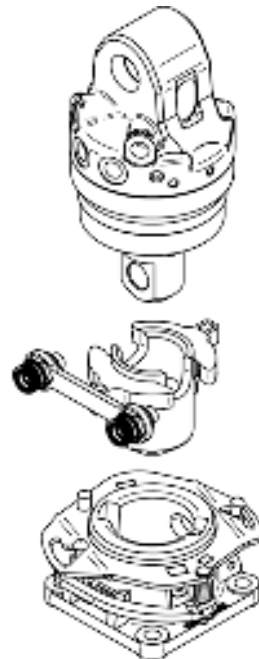


KM 505 02



KM 505 03

KM 505 HD – Heavy Duty Quick Change System for Shaft-Type Rotators



The quick change system enables an easy exchange between different attachments. The mechanical coupling and locking is achieved by the turning motion of the rotator. You simply disconnect quick couplings and disengage the locking device manually. Upper elements of the quick change system are available for all **KINSHOFER** shaft rotators. The KM 505 system can be used on most attachments which allows the versatility to quickly change the application with a minimum of down-time. For heavy duty works, we recommend the quick change system KM 505 HD, in combination with rotator KM 04 S68-30US or KM 06 S68-40.

Type	Description	Hole pattern of flange (mm)	Self weight (kg)
KM 505 HD	complete, incl. hydraulic couplings (KM 204 01)	4x Ø18 / □ 140	18
KM 505 01 HD	upper element HD fitted to rotator incl. 2 mobile parts		7
KM 204 01	mobile part of hydraulic quick coupling (2 pieces) for KM 505 01 HD		
KM 505 02 HD	lower element HD mounted onto attachment	4x Ø18 / □ 140	11
KM 505 03 HD	rigid suspension link with non-rotating hook to connect to the KM 505 01 HD		14
KM 505 05	distance ring between KM 505 HD and K M 461 universal fork		5



KM 505 01 HD



KM 505 02 HD



KM 505 03 HD

KM 203 – Connecting Hoses & KM 204 – Hydraulic Quick Change Kit for Hoses



KM 203 01



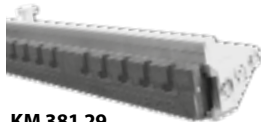
KM 204 01

KM 204 02

Type	Description
KM 203 01	short connecting hoses between rotator and attachment with standard fittings M 18 x 1,5 (2 pieces)
KM 203 03	long connecting hoses between rotator and crane – please specify dimensions (4 pieces)

KM 204 01	mobile part of hydraulic quick coupling for hose (Ø 10 mm, 2 pieces)
KM 204 02	fixed part of hydraulic quick coupling for rotator (Ø 10 mm, 2 pieces)
KM 204 03	hydraulic quick change kit incl. mobile and fixed parts (2 pieces each) mounted with adapters to rotator

Compression Rails



KM 381 29

Type	Description	Length (mm)	Self weight (kg)
KM 381 29 720	compression rails with smooth rubber inserts (2 pieces)	720	17
KM 381 29 1000		1000	24
KM 381 29 1250		1250	28



KM 381 39

KM 381 39 720	compression rails with two rubber inserts, upper insert contoured, lower insert smooth (2 pieces each)	720	24
KM 381 39 1000		1000	33
KM 381 39 1250		1250	42



KM 381 32

KM 381 32 1000	spring loaded rails with parallel-action teeth (2 pieces) - fitted in seconds by locking lever	1000	62
KM 381 32 1250		1250	76



KM 391 09

KM 381 09 720	compression rails for adapter KM 381 38 (2 pieces)	720	17
KM 381 09 1000		1000	23
KM 381 09 1250		1250	28

KM 381 38	Adapter for clamping arms to take compression rails KM 381 09	40
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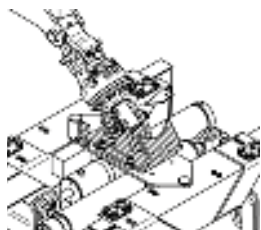
Please note: Additional lengths of compression rails are available on request.

Others

Type	Description	Self weight (kg)
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Non-Standard Opening Range: all grapples are available with opening ranges not listed. Call for details.

Non-Standard Plunge Depth: all grapples are available with plunge depth not listed. Call for details.



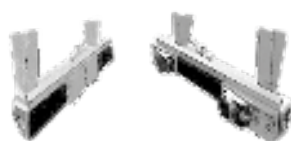
KM 381 08

KM 381 08 S	Tilting Device to reduce overall height of the equipment in transport	for shaft rotators	12
KM 381 08 F		for flange rotators	18



KM 381 18

KM 381 18	Height Reduction Link to reduce the overall height of the equipment in transport - for flange rotators.	15
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KM 381 31

KM 381 05	Height Stop for quick adjustment of plunge depth	8
KM 381 06	Spring Loaded Guide Rails for stabilizing the top layer of the stack	---
KM 381 07	Spring Loaded Guide Plates for lateral stabilizing of the stack	---
KM 381 31	Adapter for Concrete Pipes with diameters from 800 to 1350 mm	60

Accessories for Clamshell Buckets

KM 680 – Scraper

Scrapers for clamshell buckets with narrow widths clear the inside of the shells of sticky materials such as clay, during each opening. The design varies depending on the grapple.



KM 680

Type

for Clamshell bucket

KM 680 01	KM 603/ 604/ 604HPX/ 605/ 605HPX/ 606/ 607
KM 680 02	KM 626HPX
KM 505 04	link-set for KM 604HPX/605HPX/626HPX in combination with KM 505 / KM 505 HD and scraper KM 680

link for the combination
KM 505 (HD) + **HPXdrive** + scraper



KM 685 05 – Adapters for Compression Rails

Adapters enable mounting of compression rails or support for concrete rings, for handling paving slabs, curbstones, concrete rings etc. The adapters can only be used with a **non-return valve**. They are not suitable for the use with a scraper.



KM 685 05

Type

Description

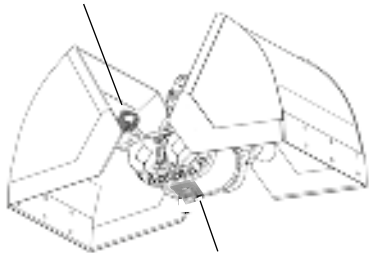
KM 685 05	adapters for compression rails
KM 381 09 720	compression rails – length 720 mm lang (2 pieces)
KM 381 09 1000	compression rails – length 1000 mm lang (2 pieces)

The adapters for compression rails are available for the following clamshell buckets: KM 603/ 604/ 604HPX/ 604U HPX/ 605/ 605U/ 605HPX/ 605U HPX/ 606

KM 685 06 - Central Lifting Device for HPX, Welded Hook or Welded Eye

The central lifting device for **HPXdrive**, welded eyes or welded hooks suit lifting chains or slings. The max. capacity per eye or hook is 1000 kg

KM 685 06 hook



KM 685 06 HPX

KM 685 06 HPX SD	to suit lifting chain or sling, 1 piece
KM 685 06 HPX HD	to suit lifting chain or sling, 1 piece
KM 685 06 hook	to suit lifting chain or sling, 1 piece
KM 685 06 hook set 2	to suit lifting chain or sling, 2 pieces
KM 685 06 hook set 4	to suit lifting chain or sling, 4 pieces
KM 685 06 eye	to suit lifting chain or sling, 1 piece
KM 685 06 eye set 2	to suit lifting chain or sling, 2 pieces



central lifting device **HPXdrive**

KM 685 06 hook



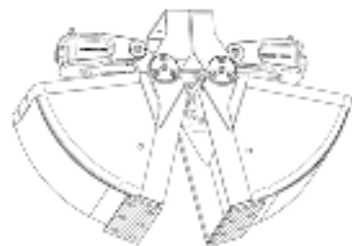
welded hook

KM 685 06 eye
(not with **HPXdrive**)



welded eye

KM 685 07 – Wear Plates (2 pieces)

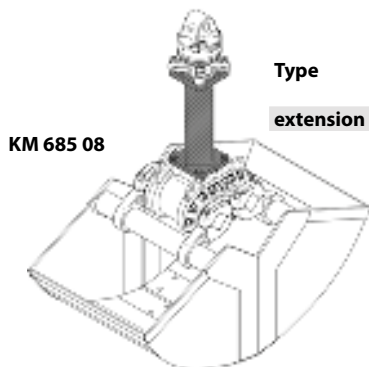


KM 685 07

KM 685 07 set	Wear plates, 2 pieces, available in widths						
	325	400	450	500	570	600	650
	670	800	820	920	1000	1020	1200

to protect horizontal cutting edges

KM 685 08 – Extension for Excavating with the **HPXdrive Standard** or the **HPXdrive Heavy Duty**



KM 685 08

Type

Description

extension HPXdrive	extension for excavating e.g. trenches (for canal and civil engineering) – 450 mm (30 kg)
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