

Brick Stack Grapple - Parallel Squeeze

KM 332/333

The technically unique KM 332 brick stack grapple is a versatile tool for palletized and non-palletized materials.



- ▷ **Rigid or adjustable plunge depth** of parallel opening and closing clamping arms - hydraulically operated.
- ▷ **Versatile tool** with opening range of 16 to 55in i.e. for handling of single concrete products like curbstones, or handling of brick packs.
- ▷ **Handling of heavy loads** with reinforced version **KM 333**.
- ▷ **Adjustable plunge depth** of **KM 332V** and **KM 333V** can match the size of the stack-easy adaptation with a mechanical latch.
- ▷ **Precise synchronisation of the arms** as a result of two in series double acting hydraulic cylinders.
- ▷ **Safety** through internal pressure relief valve (independent from crane pressure) and non-return valve (safe clamping force at pressure drop).
- ▷ **Long life** due to large bearings, integrated grease reservoir, automatic wear compensation of main bearing, spherical central bearing for the cylinders.
- ▷ **Easy to use** with durable and replaceable rubber inserts – simple to operate between the stacks.

Package Brick Stack Grapple KM 332V-1100 c					
Type	Plunge depth	Load capacity at min./max. plunge depth	Gripping A min./max.	Height	Self weight
	(in)	(lbs)	(in)	(in)	(lbs)
KM 332V-1100 c	43 – 65	4180 / 2970	16 – 55	60 – 81	781

Package consists of: brick stack grapple, rotator KM 04 F, short connecting hoses KM 203 01 (rotator to grapple), upper suspension KM 501 4500, compression rails KM 381 29 1000 (length 39.4 in), pressure relief valve, non-return valve

Please note: – the load capacity listed in the table depends on the load (the surface conditions, the size of individual stones, stack size and kind of bundling) – the capacity listed does not apply to stacks of low-profile and unbundled items.

Brick Stack Grapple KM 332/333					
Type	Plunge depth	Load capacity at min./max. plunge depth	Gripping A min./max.	Height (w/o rotator)	Self weight (w/o compression rails)
	(in)	(lbs)	(in)	(in)	(lbs)
KM 332-850	34	4840	16 – 55	42	539
KM 332-1000	39	4400	16 – 55	48	561
KM 332-1300	51	3520	16 – 55	60	583
KM 332V-850	34 – 55	4840 / 3520	16 – 55	42 – 64	638
KM 332V-1100	43 – 65	4180 / 2970	16 – 55	52 – 73	726
KM 333-850	34	6600	16 – 55	43	880
KM 333-1000	39	5500	16 – 55	49	913
KM 333V-1100	43 – 65	5060 / 3520	16 – 55	53 – 74	1078

Please note:

- the load capacity listed in the table depends on the load (the surface conditions, the size of individual stones, stack size and kind of bundling). The capacity listed does not apply to stacks of low-profile and unbundled items.
- the price does not include the compression rails
- wider opening ranges 16 – 71 in are available for

– KM 332 – KM 333

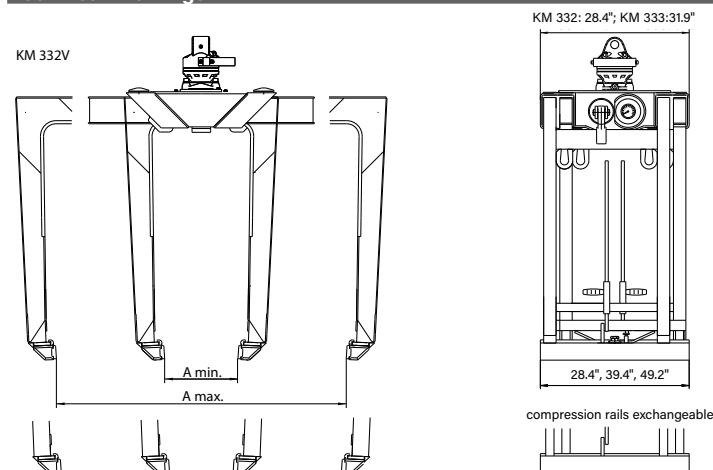
Accessories

Type	Description
KM 04 F	recommended KINSHOFER rotator for KM 332/333





Requirements of Truck Crane

Operating pressure at oil flow:
 2900 - 3750 psi at max. 20 GPM
 2900 - 5350 psi at max. 10.5 GPM

Technical Drawings

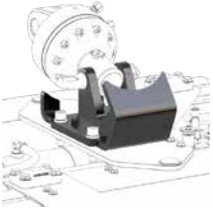




Compression Rails

Type	Description	Length (in)	Weight (lbs)	
 KM 381 29	KM 381 29 720	28	37	
	KM 381 29 1000	compression rails with smooth rubber inserts (2 pieces)	39	53
	KM 381 29 1250		49	62
 KM 381 39	KM 381 39 720	28	53	
	KM 381 39 900	35	62	
	KM 381 39 1000	39	73	
	KM 381 39 1100	compression rails with two rubber inserts, upper insert contoured, lower insert smooth (2 pieces each)	43	84
	KM 381 39 1200		47	88
	KM 381 39 1250		49	92
KM 381 39 1400	55		97	
 KM 381 32	KM 381 32 1000	spring loaded rails with parallel-action teeth (2 pieces) - fitted in seconds by locking lever	39	136
	KM 381 32 1250		49	167
 KM 391 09	KM 381 09 720	28	37	
	KM 381 09 1000	compression rails for adapter KM 381 38 (2 pieces)	39	51
	KM 381 09 1250		49	62
KM 381 38	adapter for clamping arms to take compression rails KM 381 09		88	

Please note: additional lengths of compression rails are available on request

Others

Type	Description	Weight (lbs)
<p>Non-Standard Opening Range: all grapples are available with opening ranges not listed. Call for details</p> <p>Non-Standard Plunge Depth: all grapples are available with plunge depth not listed. Call for details</p>		
 KM 381 08	tilting Device to reduce overall height of the equipment in transport	for shaft rotators 26
		for flange rotators 40
 KM 381 18	height Reduction Link to reduce the overall height of the equipment in transport - for	flange rotators 33
 KM 381 31	KM 381 05 height Stop for quick adjustment of plunge depth 18	
	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 31.5 to 53.2 in 132	