

Timber/Log Grab

KM 632/KM 634

KITSHOFER

The ultimate grab for timber application. Proven design for loading any kind of wood.
A variety of models available from 2 3/4 up to 8 sq.ft. These robust, sturdy grabs are also suitable for heavy duty operation on excavators.



KM 634-c: Sturdy model especially for logs.



The hoses are carefully routed and protected with a spiral guard against damages.



The narrow spaced pivots of the KM 632 gripping arms result in excellent plunging and filling capacity. High closing forces.

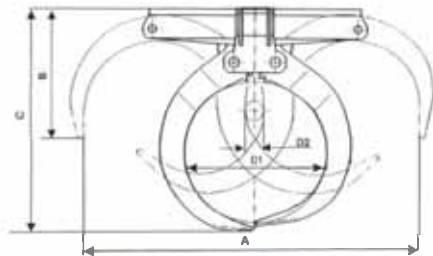


Robust toothed quadrants ensure synchronised opening and closing of the gripping arms (standard models). The heavy duty versions (KM 632-3 and KM 634) work with compensation bars.

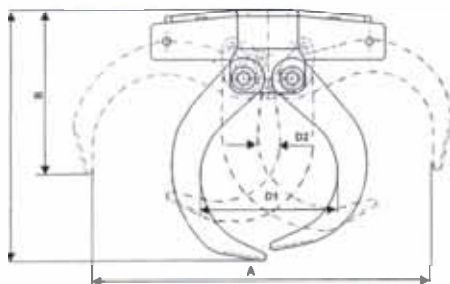
Timber/Log Grab

KM 632/KM 634

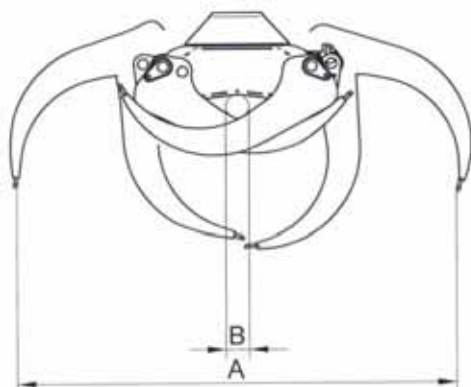
Sturdy grab for various operations. High closing forces and synchronized opening and closing of gripping arms ensured by toothed quadrants.	Reinforced timber grab. Extremely high closing forces. Synchronized opening and closing through sturdy compensation bar.	Heavy duty timber grab with up to 16 sq.ft. capacity. These robust models are suitable for operation in heavy industrial environment.	Compact construction. Wide position of gripping arm pivots allow overall low height. Synchronisation ensured by compensation rod.
KM 632	KM 632-2	KM 632-3	KM 634-c



KM 632/KM632-2 overall width 18.9"



KM 632-3 overall width 28.3"



KM 634-c / KM 634-2c

KM 632 TIMBER GRAB

Equipped with two horizontal cylinders. The narrow pivot points achieve characteristics for handling eg: pulp wood. Therefore grab is especially suitable for a variety of operations.

Operating pressure 2900 or 3770 psi

model	capacity (sq.ft.)	capacity (cord)	D1 (inch)	D2 (inch)	A (inch)	B (inch)	C (inch)	weight (lbs)
KM 632-0,25	2.70	.17	21 1/2	3 1/2	53	22 1/2	37	407
KM 632-0,35	3.75	.23	26 3/4	4	64	24 1/2	42 1/2	528
KM 632-0,50	5.40	.34	31 1/2	4 3/4	71 1/2	26 1/4	47 1/4	650
KM 632-0,75	8.00	.50	38 1/2	6 1/2	85 3/4	29	54 3/4	594

KM 632-2 TIMBER GRAB

Reinforced model of the KM 632 for continuous operation, ie the lumber yard, also suitable for operation on excavators up to 13-ton operating weight.

Operating pressure 2900, 3770 or 4640 psi

model	capacity (sq.ft.)	capacity (cord)	D1 (inch)	D2 (inch)	A (inch)	B (inch)	C (inch)	weight (lbs)
KM 632-2-0,35	3.75	.25	26 3/4	4	64	24 1/2	42 1/2	572
KM 632-3-0,50	5.40	.33	31 1/2	4 3/4	71 1/2	26 1/4	47 1/4	605
KM 632-3-0,75	8.00	.50	38 1/2	6 1/2	85 3/4	29	54 3/4	638

KM 632-3 TIMBER GRAB

For heavy duty operation on excavators up to 18 ton operating weight. Synchronisation is ensured due to sturdy compensation rod.

Operating pressure 2900, 3770 or 4640 psi

model	capacity (sq.ft.)	capacity (cord)	D1 (inch)	D2 (inch)	A (inch)	B (inch)	C (inch)	weight (lbs)
KM 632-3-0,35	3.75	.23	25 1/2	4 3/4	65 3/4	32 3/4	49	1110
KM 632-3-0,50	5.40	.34	30 1/4	7 1/2	73 1/2	34	52 3/4	1133
KM 632-3-0,60	6.50	.40	33	7 1/2	79	35 1/2	56 1/4	1166
KM 632-3-0,75	8.00	.50	37	8	88 1/4	37 3/4	60 1/4	1232
KM 632-3-1,00	10.80	.67	42 1/2	8 1/4	102	41	68 1/2	1331
KM 632-3-1,25	13.5	.85	47 1/2	8 1/4	113	42 1/2	74 1/2	1419
KM 632-3-1,50	16.2	1.0	52 3/4	11	123 1/4	45 1/2	80 3/4	1562

KM 634 LOG GRAB

Universal grab for logging, equipped with two horizontal cylinders and wide gripping arm pivots. Low overall height in closed position. For heavy duty operation on log/timber crane or gantry crane. Synchronisation is ensured due to sturdy compensation rod.

Operating pressure 3500 psi

model	capacity (sq.ft./cord)	width (in)	opening A (in)	min. Ø B (in)	weight (lbs)
KM 634-c	2.70/.17	15.3	58	3.54	460
	3.75/.25	18.5	73	4.92	655
	5.40/.33	18.5	76	5.11	680
KM 634-2c	4.30/.27	21.5	78	5.11	730
	5.40/.33	21.5	82	5.11	750
	7.50/.47	21.5	87	5.51	850

Package "c" includes grapple, Kinshofer rotator, and cardan link KM 501



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Railroad Grapples

KM 632R

KINSHOFER



KM 632Rc bypass grapples serve many needs for Maintenance of Way operations including tie handling, rail placement, and brush clearing.

Features include: thick, heavily reinforced bypass tines; straight tine tips (not a modified logging grapple)



KM 632Rc-4 shown



for handling bundled ties. Continuous, excavator class, gear motor rotation allows for precise positioning of rails and ties.

Standard: Load holding valves! Three sizes, modification upon request.



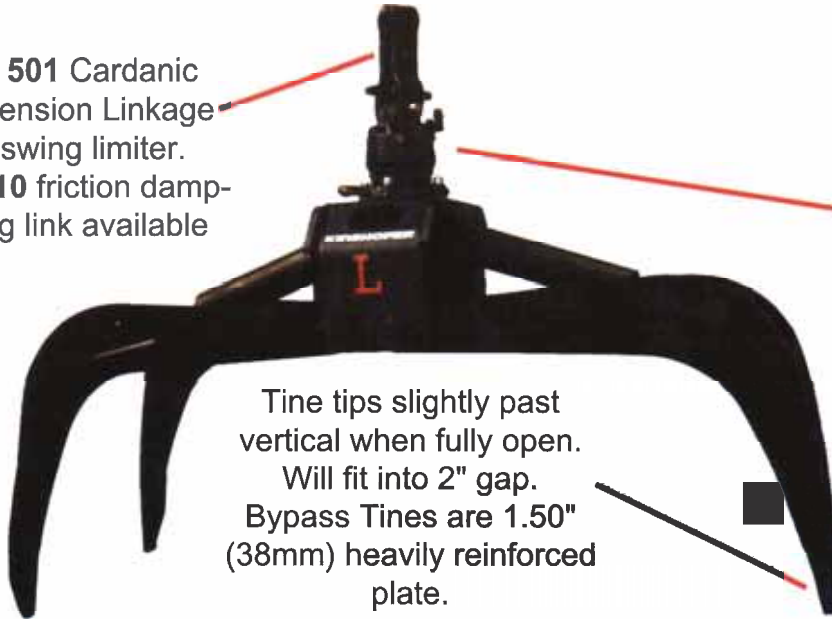
KM632R - Railroad Grapples

KM 501 Cardanic suspension Linkage w/ swing limiter.

KM 510 friction dampening link available

KM 04F US

6 T Excavator class, continuous rotation, gear motor rotator with #8 JIC m fittings.



Tine tips slightly past vertical when fully open.
Will fit into 2" gap.
Bypass Tines are 1.50" (38mm) heavily reinforced plate.

"L"
Kinshofer Liftall mark of excellence.

Model	KM 632Rc-4	KM 632Rc-3	KM 632Rc-2
Capacity	1/4 cord 3.75 ft.sq.	1/3 cord 5.40 ft.sq.	1/2 cord 8.0 ft.sq.
Weight	895 lbs	950 lbs	1,240 lbs
Opening	69.5"	77.7"	95.5"
Closing	8.0"	7.5"	8.0"
Price	\$ 6,320	\$ 6,570	\$ 6,960



Package "c" includes: Grapple **KM 632R**, Kinshofer Rotator **KM 04S**, and Cardan Link **KM 501**.
Operating pressure 2,350 PSI (std), high pressure cylinders (4,500 PSI) available.
Pilot operated holding valves available!

Note: **KINSHOFER LIFTALL** reserves the right to change prices and specifications without notice in order to provide a continually improving product.

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visit our web sites:
www.kinshofer.com
www.liftallinc.com



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KCUS 632R 0701

Narrow Grapples

KM 632P/A/B

FEATURES

- **Narrow width** -11.25" at tines - allows grapple to be stowed on folded outer boom of true "figure 4" articulated cranes .
- **Lighter in weight** - most models weigh less than 400 lbs! Smaller multi purpose cranes can handle utility poles!
- **Continuous, bi-directional gear motor rotation.**
620+ ft.lb. torque @ 1,800 psi. positive stopping, precise movement action. Loads can be manipulated accurately without feathering the rotator controls!
- **Integral cross line relief valve.** Eliminates pressure spikes on hydraulic lines.



- **Standard: 4.5 T** excavator class rotator load rating. Reserve capacity for working with large side loads!
Optional: 6T/ 7T rotators available.
- **Cylinders:** 3.00" bore with 6"/8" stroke (butt/bypass). Dual semi horizontal cylinders provide tenacious grip at modest oil pressure.
- Cylinders can be equipped with **lock valves**. Can be used with "motoring" (open centered) or "cylinder" (closed centered) valve spools. All hydraulic hardware is #6 or #8 JIC sizes.
Service pressure ratings:
Cyl.s = 2,350 psi, rotator = 4,640 psi.
- **Grapple package** includes limited swing Cardan Linkage (KM 501). Linkages manufactured to fit each crane model boom tip. Does not include flexible #6 JIC hoses to connect rotation motor to boom tip



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KM632 - Narrow Grapples

Model	Tine Style	Capacity sq ft (cord)	Outer Width	Bite Open.	Closed Dia.	Plunge Depth	Susp'd Height Bite	Susp'd Height Closed	Carrying Weight Width
KM 632Pc-9	By./Pole	1.8 (1/9)	11.25"	26"	1.5"	16"	39"	39"	14.5" 280 lbs
KM 632Ac-9	Bypass	1.8 (1/9)	11.25"	25"	2"	16"	36"	49"	16.5" 270 lbs
KM 632Bc-9	Butt	1.8 (1/9)	11.25"	30"	10"	14"	34"	47.5"	26" 270 lbs
KM 632Pc-8	By./Pole	2.0 (1/8)	11.25"	31"	1.5"	20"	43"	42.5"	14" 280 lbs
KM 632Ac-8	Bypass	2.0 (1/8)	11.25"	32"	4"	16"	36"	49"	26.5" 290 lbs
KM 632Bc-8	Butt	2.0 (1/8)	11.25"	36"	15.5"	12"	35"	48.5"	26.5" 290 lbs
KM 632Ac-7	Bypass	2.3 (1/7)	11.25"	40"	4"	16"	36"	49"	26.5" 320 lbs
KM 632Bc-7	Butt	2.3 (1/7)	11.25"	47"	17"	16"	36"	48.5"	28" 345 lbs
KM 632Ac-6	Bypass	2.7 (1/6)	11.25"	48"	4"	17.5"	44"	52.5"	44" 350 lbs
KM 632Bc-6	Butt	2.7 (1/6)	11.25"	53"	18.5"	17.5"	44"	55.5"	29" 335 lbs
KM 632Ac-5	Bypass	3.2 (1/5)	11.25"	50"	4"	19.5"	42.5"	53.5"	22.5" 360 lbs
KM 632Bc-5	Butt	3.2 (1/5)	11.25"	55"	20"	13"	39.5"	56.5"	32.5" 370 lbs
KM 632Ac-4	Bypass	4.0 (1/4)	11.25"	56"	4"	22"	39"	49"	33.5" 400 lbs
KM 632Bc-4	Butt	4.0 (1/4)	11.25"	62"	28"	16"	39"	52"	40.5" 415 lbs

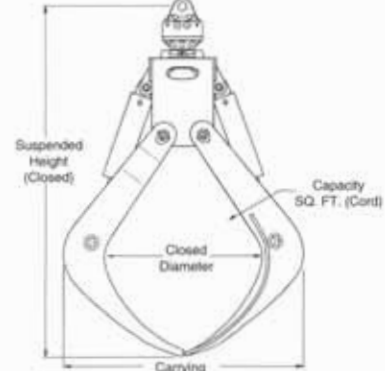
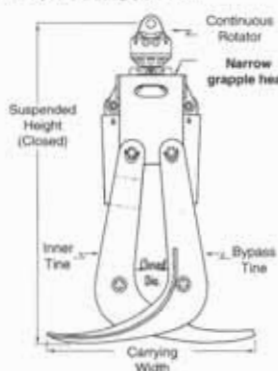
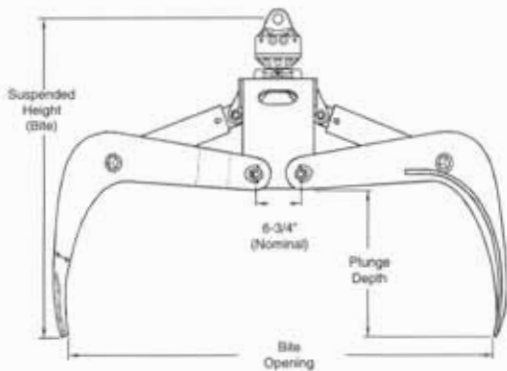
Package "c" includes: Grapple **KM 632**, Kinshofer Rotator **KM 04F**, and Cardan Link **KM 501**.

Operating pressure 2,350 PSI (std), high pressure cylinders (4,500 PSI) available

"P" means Pole applications, "A" means Bypass, and "B" means Butt.

Pole Jaws ("P") liners are 2" wide to increase conforming contact area with pole surface.

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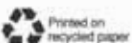
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