

Komatsu Grapples



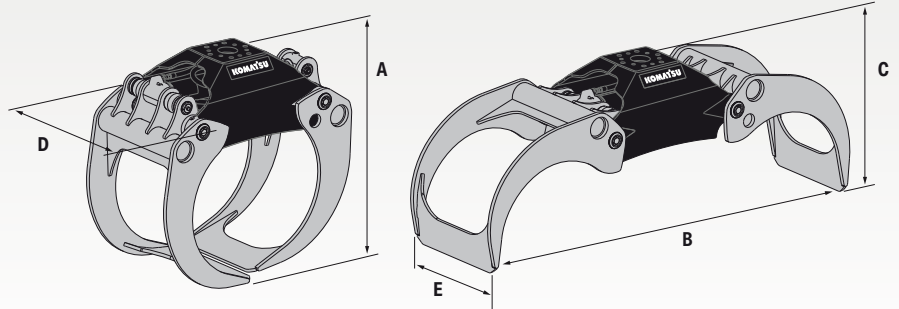
Handle timber
like a pro

Specialised in your line of work

For a forwarder operator, an effective grapple design is key to ensuring high productivity in demanding environments. Komatsu's new grapples are optimised to gather, roll in and grip the timber both quickly and powerfully. With no fewer than ten models to choose from, there's a grapple for every kind of forwarding work. Our grapples are compatible with the most common forwarder brands as well as with most types of truck-mounted cranes and other timber-handling vehicles.

Komatsu's new grapples boast many upgrades to their productivity, making them efficient and dependable forest companions. A larger grapple opening, for instance, that enables the grapple to work its way into the timber pile more easily, alongside a refined design that makes it easier for the logs to roll into the grapple.

Naturally, the grapples retain their existing advantages, such as a robust construction and fast-opening claws for unloading the timber. The new range also boasts more sizes to choose from, making it easy to find the right grapple for any kind of work.





Highlights

- Durable and robust design fit for demanding forestry work
- Larger opening width and new claw tip design enable the grapple to effectively work its way into the timber pile
- Improved geometry makes it easier for the logs to roll into the grapple
- Refined characteristics for gathering and straightening the timber
- Fast-opening function for unloading timber
- The grapples are made to match the size of today's forwarders and cranes
- Cast parallel stays for a longer service life
- Upgraded pin and cone designs to lessen the risk of play
- Designed to protect the piston rod from knocks from below, such as from separating supports
- High-strength, wear-resistant steel claws on heavy-duty grapples
- Komatsu grapples can be mounted on the most common forwarder brands and are also compatible with most types of truck-mounted cranes and other timber-handling vehicles



E class, for handling biofuel



Heavy-duty grapple with high-strength, wear-resistant steel claws



Productive design with large opening

Technical specifications

Model	G82	G82E	G83	G84	G84H	G84E	G85	G85H	G86H	G87H	G88H
Grapple area, tip to tip, m ²	0.26	0.25	0.3	0.34	0.34	0.32	0.4	0.4	0.44	0.5	0.55
A. Height, tip to tip, mm	880	880	912	978	978	978	1,016	1,016	1,070	1,105	1 143
B. Max. grapple width, mm	1,804	1,804	1,798	2,042	2,042	2,037	2,035	2,035	2,222	2,229	2 237
C. Height, max. grapple width, mm	645	612	693	698	698	663	763	763	792	843	892
D. Width, total, mm	460	474	460	572	586	590	577	586	586	586	586
E. Width, grapple claw, mm	444	474	444	560	570	590	560	570	570	570	570
Length, fully closed, mm	914	914	914	1,038	1,038	1,038	1,038	1,038	1,134	1,134	1 134
Height, fully closed, mm	565	565	566	642	642	642	648	648	703	724	756
Diameter, min. graspable stem, mm	102	102	105	127	127	127	131	131	154	158	165
Closing force, tip to tip, kN	15	15	14.8	20.2	20.2	20.2	19.5	19.5	20.7	20.2	19,6
Max. permitted load, kg	3,500	3,500	3,500	5,000	7,000	5,000	5,000	7,000	7,000	7,000	7 000
Max. working pressure, bar	250	250	250	250	250	250	250	250	250	250	250
Min. working pressure, bar	190	190	190	190	190	190	190	190	190	190	190
Weight, kg	212	220	216	286	336	300	292	343	392	403	413

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