

UPDATES TO THE VAHVA RANGE IN SEPTEMBER 2018

Wider jaw opening in 26, 30 and 36 grapples

In the VAHVA 26, 30 and 36 size classes, the grapples have been updated so that the jaw opening (from tip to tip,) is 90–185 mm larger depending on the model. The product upgrade enables the tips of the jaws to be directed straight downwards, which:

- Helps the grapple sink into log piles
- Helps to grab a log pile from the ground in one go
- Facilitates the setting of the grapple on top of logs in the cargo area during transport
- Helps when grabbing individual logs in corners

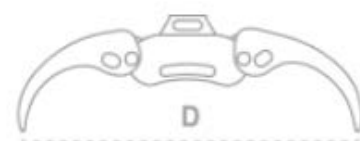


In connection with the redesign, the grapple jaws were improved:

- The jaws' redesigned triangular supports reduce the tension in the side plates.
- The jaws are made with thicker, stronger and more rigid frame pipe
- The structure of the cylinder brackets of the inner jaws has been reinforced.
- The tear-shaped holes were omitted, fortifying the structure and preventing branches from catching in the holes.
- In the C36 HD model, the side plates are made of a single solid 25 mm thick plate, which makes the structure extremely strong.

Redesigned grapples with wider jaw opening:

VAHVA model	Original jaw opening (mm)	New jaw opening (mm)	Change in jaw opening (mm)
C26 and KC26	1510	1600	+90
C30 and KC30	1505	1690	+185
C36, C36HD and KC36	1585	1770	+185
C30 E4 and KC30 E4	1600	1780	+180
C36 E7 and KC36 E7	1600	1780	+180



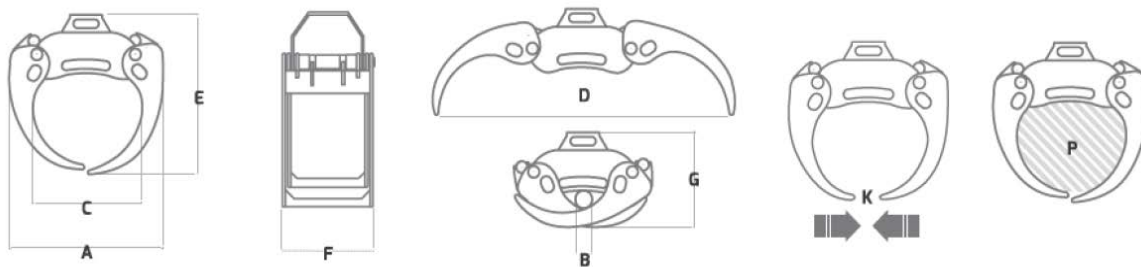
Serial production of the improved grapples will start at the beginning of September. The model markings for the wider-jawed grapples will not change, but the serial numbers will begin with the new 400 series (e.g. C260400, C26401, etc.). If you are looking for spare parts, note that the jaws of the upgraded grapple models can not be used individually with current frames, but they can be replaced in pairs.

New VAHVA 21 models

The C model range will be expanded with VAHVA 21-sized grapples. The 21 grapples are suited to small forwarders and 5-8-ton excavators. The range will be expanded with four different options: C21, C21 E4, KC21 and KC21 E4. Both KC excavator grapples have a S40 & S45 combi-coupling as their standard quick coupling.

21 grapples have a narrow, compact structure and a single strong push rod. Despite their small size, the grapples are designed for professional use and quality is guaranteed due to high-strength steel, machined peg lines and black-nitrided pivot pins. With the introduction of the new models, the VAHVA range's corresponding older models B21, B21 E4, K21 and K21 E4 will be phased out. Of the smaller 15 series, only the B15 and K15/S40 grapples will remain. Please contact Koneosapalvelu's salespersons for more information.

Technical specifications



Model	Weight (kg)	Area (m ²)	Max. load (kg)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)
C21	113	0,21	3000	820	90	570	1345	799	368	492
C21 E4	145	0,21	3000	783	90	513	1320	750	427	485
KC21 / S40&S45	151	0,21	3000	820	90	570	1345	913	375	610
KC21 E4/ S40&S45	175	0,21	3000	783	90	513	1320	868	427	600



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