



vergine



INTRODUCTION



STEC ESTONIA OÜ specializes in manufacturing high-quality accessories for construction machinery, quarry equipment, and heavy machinery.

We are renowned for our innovative solutions and cutting-edge products designed to enhance the performance and efficiency of your machines.

One of the key advantages of our products is the utilization of the puzzle system in accessory manufacturing. This system ensures excellent assembly quality and wear resistance of weld joints, thereby ensuring the longevity and durability of our products even in the most challenging conditions.

STEC's product range is diverse and includes various accessories for excavators, loaders, backhoe loaders, and mini-loaders. We are committed to ensuring customer satisfaction and providing the best solutions that meet your needs and expectations.

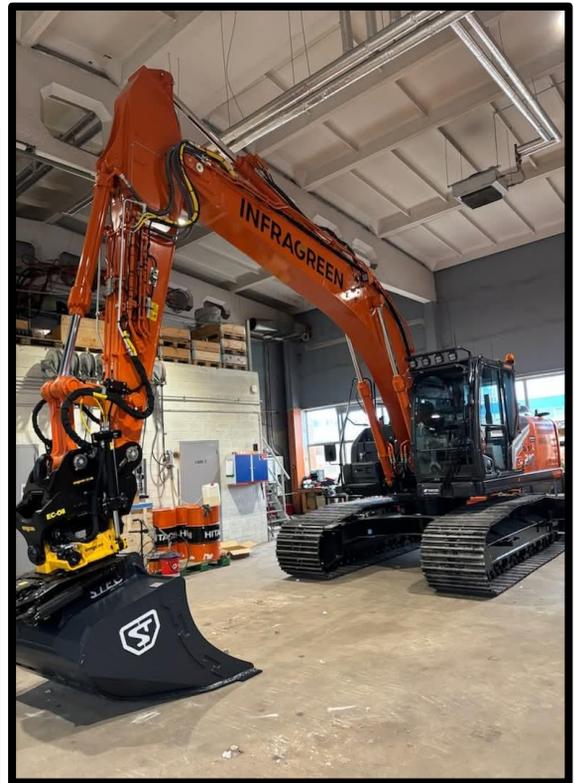
STEC products are available in three different strength classes



The **BC series** is designed for light and non-abrasive materials.

The **GP series** is designed for regular excavation work.

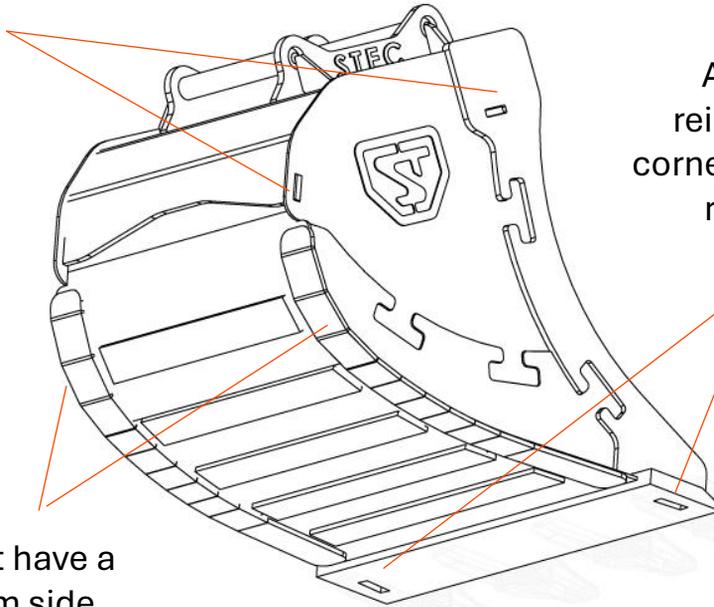
The **HD series** is engineered for heavy-duty operating conditions.







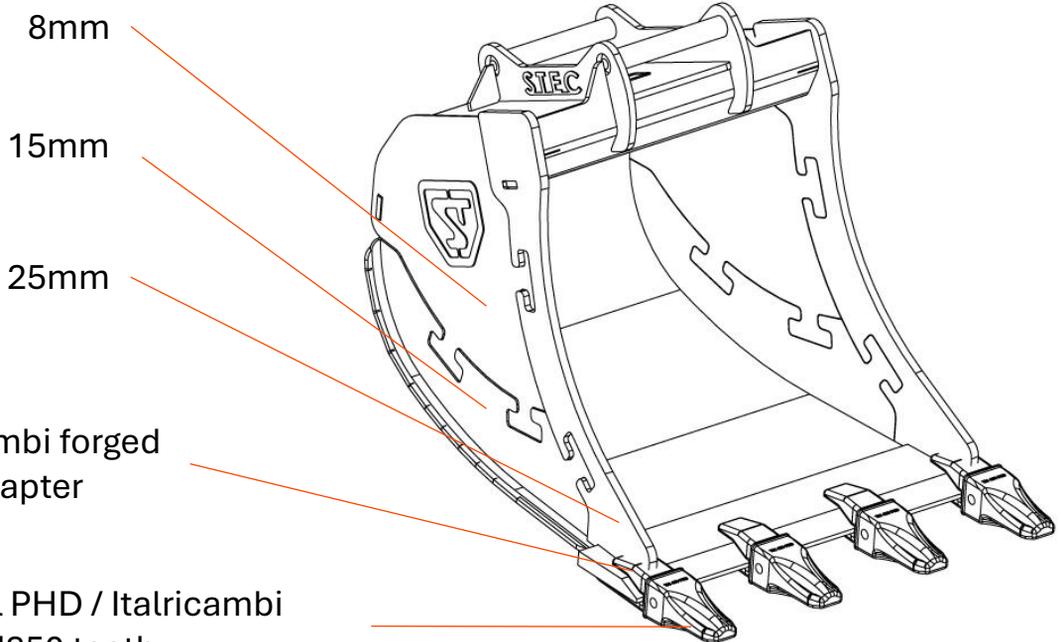
The upper part of the bucket is designed with a tenon joint, ensuring excellent assembly quality and strength.



All our bucket have reinforced front edge corners, minimizing the risk of cutting edge corner breakage.

HD series bucket have a reinforced bottom side.

EXAMPLE: 1.0m³ digging bucket



8mm

15mm

25mm

Italicambi forged J350 adapter

Trasteel PHD / Italicambi forged J350 teeth



1.8m3 digging bucket

STEC_DB_18_HD_S80_K

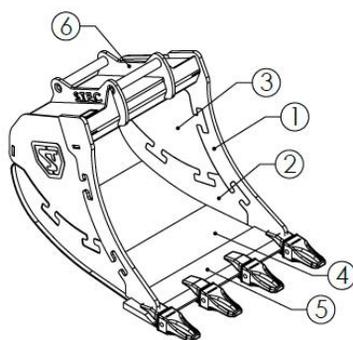
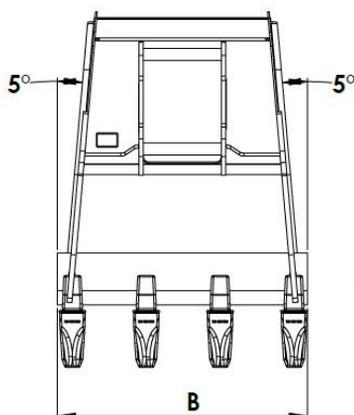
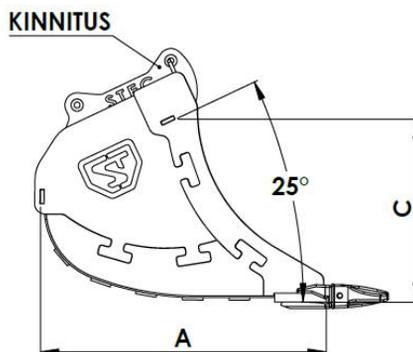
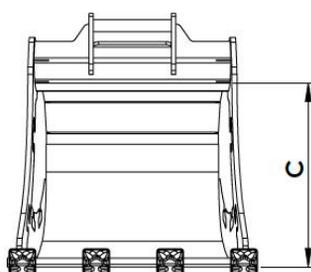
3D MODEL VIEW



Model Size Attachment type
 Strength class With teeth
 Without teeth

TOOTEKOOD	MAHT	PIKKUS (A)	LAIUS (B)	KÕRGUS (C)	MASS	KINNITUS		KIHVAD 4 tk
						boomi	S-Standard	CAT J SEERIA
STEC DB 18	1.8 m3	1830	1560	1160	1830	Jah	S80	J550

DETAILI PAKSUSED	MATERIAAL		
	BC	GP	HD
DETAIL 1	35mm S355	HARDOX 450	HARDOX 450
DETAIL 2	20mm S355	HARDOX 450	HARDOX 450
DETAIL 3	12mm S355	S355	HARDOX 450
DETAIL 4	12mm S355	S355	HARDOX 400
DETAIL 5	60mm S355	BRUXITE 400	BRUXITE 400
DETAIL 6	35mm S355	S355	S355
KULURIBAD	15mm S355	HARDOX 500	HARDOX 500



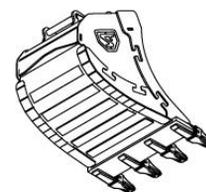
MAHT = 1.8m3
 MASS KOKKU = 5610 kg
 Materjal mahukindluga: 2100kg/m3



Tugevusklass BC / GP



Tugevusklass HD



3D MODEL (BC/GP)	3D MODEL (HD)	STEC TOOTEKOOD STEC DB 18 K	JOOSE NUMBER Digging Bucket with teeth
		JOOSEKAS: M. ROHTVEE GLOM-TOLERANTS: ISO 2768-CL REVISIOIMÜSUD: α >> 1/3 MATERIAALI PAKSUSEST	MATERIAAL: ESOGLI: VÄRVIKOOD: RAL 7021 / 7035 Logo MASS (kg): 1830 kg
STEC ESTONIA OÜ Reg kood: 14058138 Kaugte 10-12 Tallinn Harjumaa 11215 www.stec.ee / info@stec.ee		KUI BI OLE MÄRGIKUD TESTI MÕÕDUJ: mm TOLERANTS TOOTEKLA 2 9mm TOLERANTS PAINULUS 1 1mm	FAKTILISE: MÕÕTKRAVA: 1:20 FORMAAT: A3 SHEET: 1/1 REV: A
		LOOMISKUPÄEV: 02.05.2024	MELUMISKUPÄEV: 30.06.2024

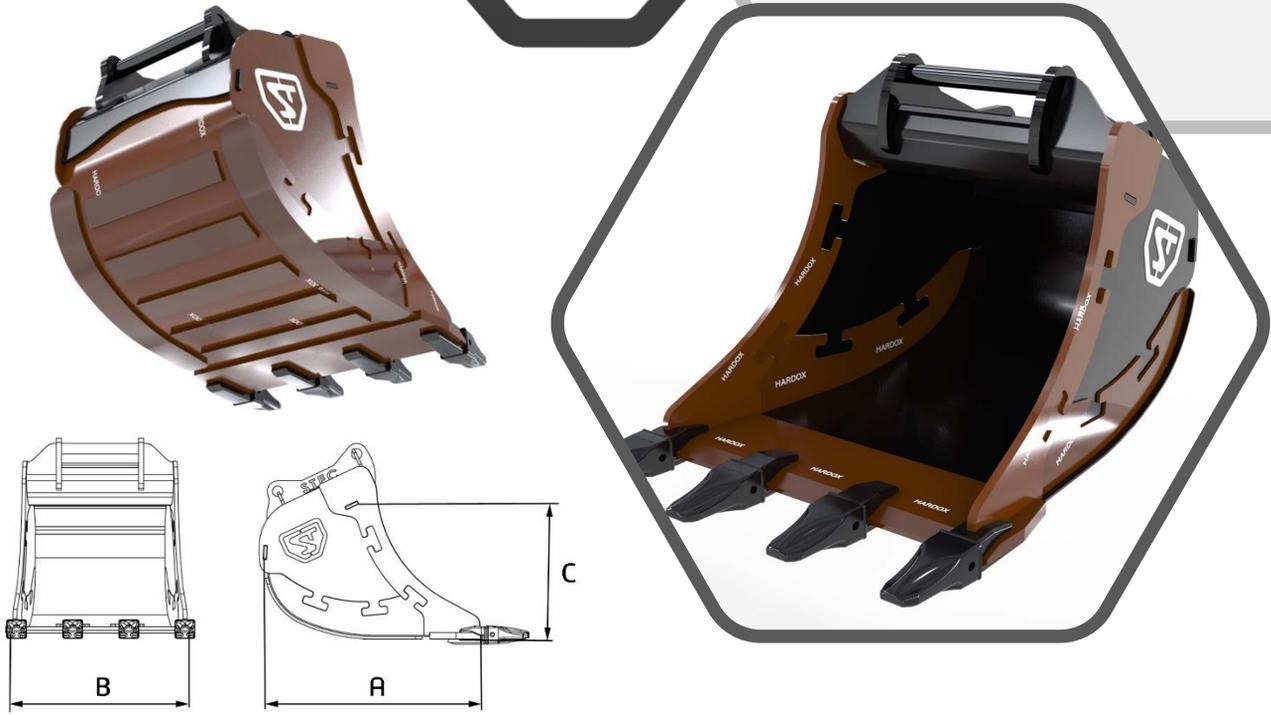
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DB series digging bucket



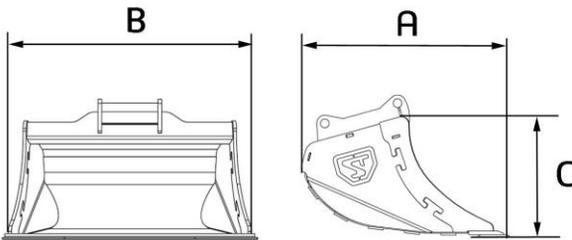
MACHINE WEIGHT	PRODUCT CODE	VOLUME	LENGTH (A)	WIDTH (B)	HEIGHT (C)	CUTTING EDGE	WEIGHT	ATTACHMENT		TEETH 4 pcs
								Direct boom	S-Standard	ESCO ultralock / CAT J
12-18 t	STEC DB 06	0.6 m3	1420	1000	875	40	560	yes	S60 / S70	U35 / J350
12-18 t	STEC DB 07	0.7 m3	1460	1030	970	40	630	yes	S60 / S70	U35 / J350
12-18 t	STEC DB 08	0.8 m3	1460	1130	970	40	665	yes	S60 / S70	U35 / J350
18-22 t	STEC DB 09	0.9 m3	1460	1240	970	40	770	yes	S60 / S70	U35 / J350
18-22 t	STEC DB 10	1.0 m3	1500	1260	1000	40	855	yes	S70	U35 / J350
20-25 t	STEC DB 11	1.1 m3	1500	1300	1000	40	880	yes	S70	U35 / J350
20-25 t	STEC DB 12	1.2 m3	1600	1300	1050	50	1100	yes	S70	U45 / J450
20-25 t	STEC DB 13	1.3 m3	1600	1420	1050	50	1250	yes	S70	U45 / J450
20-25 t	STEC DB 14	1.4 m3	1680	1450	1050	50	1290	yes	S70	U45 / J450
20-25 t	STEC DB 15	1.5 m3	1680	1520	1060	50	1400	yes	S70 / S80	U45 / J450
26-32 t	STEC DB 16	1.6 m3	1740	1540	1090	50	1460	yes	S70 / S80	U45 / J450
26-32 t	STEC DB 17	1.7 m3	1780	1540	1120	50	1580	yes	S70 / S80	U45 / J450
32-40 t	STEC DB 18	1.8 m3	1830	1560	1160	60	1830	yes	S80	U55 / J550
32-40 t	STEC DB 19	1.9 m3	1830	1630	1160	60	1870	yes	S80	U55 / J550
32-40 t	STEC DB 20	2.0 m3	1830	1680	1160	60	1910	yes	S80	U55 / J550



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RTPB series grading bucket



MACHINE WEIGHT	PRODUCT CODE	VOLUME	LENGTH (A)	WIDTH (B)	HEIGHT (C)	CUTTING EDGE	WEIGHT	ATTACHMENT		bolt-on blade (optional)
								Direct boom	S-Standard	
12-18 t	STEC RTPB 05	0.5 m3	1150	1500	740	20	390	ei	S60	yes
12-18 t	STEC RTPB 06	0.6 m3	1290	1600	770	25	530	ei	S60	yes
12-18 t	STEC RTPB 07	0.7 m3	1325	1750	780	25	570	ei	S60 / S70	yes
12-18 t	STEC RTPB 08	0.8 m3	1350	1850	800	25	650	ei	S60 / S70	yes
18-22 t	STEC RTPB 10	1.0 m3	1500	1900	880	30	750	ei	S70	yes
18-22 t	STEC RTPB 11	1.1 m3	1500	2000	880	30	790	ei	S70	yes
20-25 t	STEC RTPB 12	1.2 m3	1580	2000	965	30	900	ei	S70	yes
20-25 t	STEC RTPB 14	1.4 m3	1630	2100	1020	40	1060	ei	S70	yes
26-32 t	STEC RTPB 16	1.6 m3	1710	2200	1070	40	1210	ei	S70	yes
32-40 t	STEC RTPB 18	1.8 m3	1750	2300	1120	50	1800	ei	S80	yes
32-40 t	STEC RTPB 20	2.0 m3	1750	2400	1125	50	1950	ei	S80	yes



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Stec QC S30 and S40

Excavator quick couplers that comply with the S-standard S30 and S40.

Customers can choose between semi-automatic couplers that lock manually and fully automatic models that use hydraulic locking systems for enhanced convenience and safety.

Regardless of the locking type, all our quick couplers are equipped with a certified lifting hook, allowing for safe and efficient handling of loads.



Stec QC S45 up to S90

The excavator quick coupler with S-standard S45 up to S90 is a hydraulically locking coupler. All our quick couplers are equipped with a certified lifting hook and a hydraulic check valve for increased safety and reliability.

The quick coupler is also fitted with safety pins that secure the front shaft of the work tool, reducing the risk of the tool dropping during operation.



Our quick coupler meets all relevant safety standards, including EN 474-5 and ISO 13031:2023, ensuring full compliance with industry regulations and safe use in demanding working conditions.

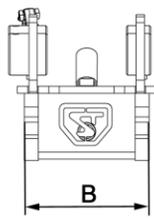
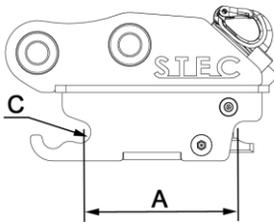
QC S series quick couplers



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SIZE		MACHINE SIZE
S30 / 180	MANUAL	0.5-2.5
S30 / 180	HYDRAULIC	0.5-2.5
S40	MANUAL	2.0 - 5.5
S40	HYDRAULIC	2.0 - 5.5

SIZE	A (mm)	B (mm)	C (mm)	WEIGHTH
S30/180	230	180	30	25
S40	300	200	40	40



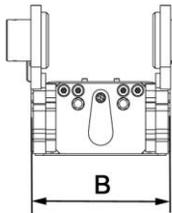
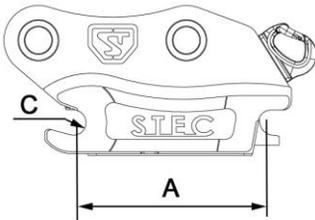
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QC S series quick couplers



SIZE		MACHINE SIZE
S45	MANUAL	4-7.5
S45	HYDRAULIC	4-7.5
S50	MANUAL	6-10
S50	HYDRAULIC	6-10

SIZE	A (mm)	B (mm)	C (mm)	WEIGHT
S45	430	290	45	70
S50	430	270	50	70



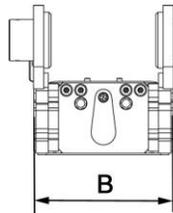
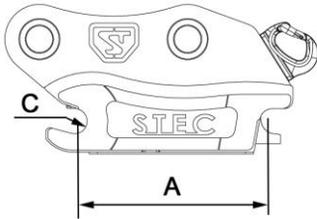
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SIZE		MACHINE SIZE
S60	HYDRAULIC	10-18
S70	HYDRAULIC	16-35
S80	HYDRAULIC	30-50
S90	HYDRAULIC	40-80

SIZE	A (mm)	B (mm)	C (mm)	WEIGHT
S60	480	340	60	145
S70	600	450	70	280
S80	670	590	80	395



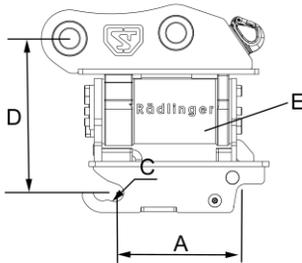
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SIZE		MOTOR Rädlinger (E)	MACHINE SIZE
S30 / 180	MANUAL	R390	0.5-2.5
S30 / 180	HYDRAULIC	R390	0.5-2.5
S40	MANUAL	R490	2.0 - 3.8
S40	HYDRAULIC	R490	2.0 - 3.8
S40	MANUAL	R590	2.0 - 6.0
S40	HYDRAULIC	R590	2.0 - 6.0
S45/S50	HYDRAULIC	R790	6.0 - 9.0
S45/S50	HYDRAULIC	R1090	8.0 - 12.0

SIZE	A (mm)	B (mm)	C (mm)	WEIGHT
S30/180	230	180	30	90
S40	300	200	40	100
S45	430	290	45	160
S50	430	270	50	160



CONTACT

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