



catalog.pdf



BUCKETS





BUCKET'S

A close-up photograph of a heavy-duty excavator bucket. The bucket is dark, possibly black or dark blue, and shows significant wear, including scratches and scuffing. It is resting on a pile of large, reddish-brown rocks. The background is slightly blurred, showing more of the rocky terrain.

ACCESSORIES FOR MINING AND CONSTRUCTION MACHINERY

ABOUT THE COMPANY

Since its foundation in 1994, DAVON s.r.o. has always been a privately owned Czech company that focuses on the development of its own specialised products for the building and mining industries. First a comprehensive range of hydraulic grabs was developed, followed by a wide range of stationary rockbreaker boom systems, which have gone on to constitute the company's main export today. A comprehensive line of buckets for excavators and loaders was created later. Several single-purpose construction machines were also built according to particular customer requirements. State-of-the-art hardware and software is used for the development of our products. A standardised information system is used for the management of the whole company, from pre-production to dispatch and subsequent warranty and post-warranty servicing.

CERTIFIED PRODUCTION

The company deployed a comprehensive quality management system per the ČSN EN ISO 9001 standard in 2003, gaining certification the following year. The company gained the ČSN EN ISO 3834-2 welding certification in 2012. DAVON also implements management systems compliant with the ČSN EN ISO 14001 environmental management, ČSN OHSAS 18001 occupational health and safety management and ČSN ISO 50001 energy management standards.

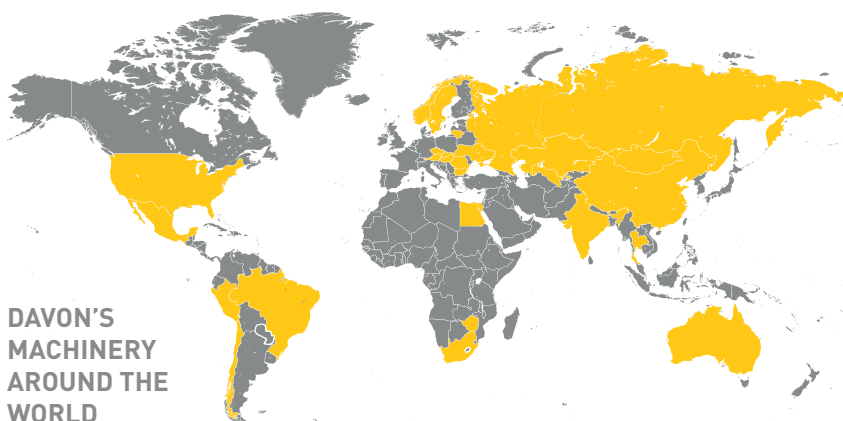
All with the objective of meeting the ever-growing demands of our customers and to supply quality, reliable and safe products characterised by a combination of excellent performance and ease of operation.



DAVON s.r.o. | Šumperská 1353 | 783 91 Uničov | Czech Republic

Phone: +420 585 004 532 | Fax: +420 585 053 229 | Mobile: +420 737 249 234 | e-mail: sales@davoncompany.com

GPS: 49°47'0.607"N, 17°7'28.229"E | www.davoncompany.com



DAVON'S
MACHINERY
AROUND THE
WORLD

COMPANY BRANDS



RK ROCKBREAKER BOOM SYSTEM

For crushing lines in quarries.



GRABS

Grabs in a broad variety of types, variants and sizes.



BUCKETS

Production and sales of all types of buckets for nearly all types of construction machinery.



SPECIAL CONSTRUCTION MACHINERY

One-off and custom special construction and mining machinery.

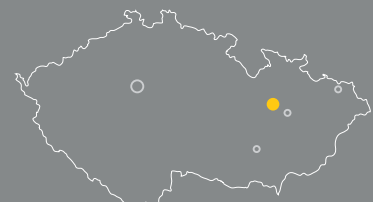


COOPERATION

Custom-designed machinery produced to meet specific customer needs.

DAVON

DAVON s.r.o. | Šumperská 1353
783 91 Uničov | Czech Republic





BUCKETS



DAVON

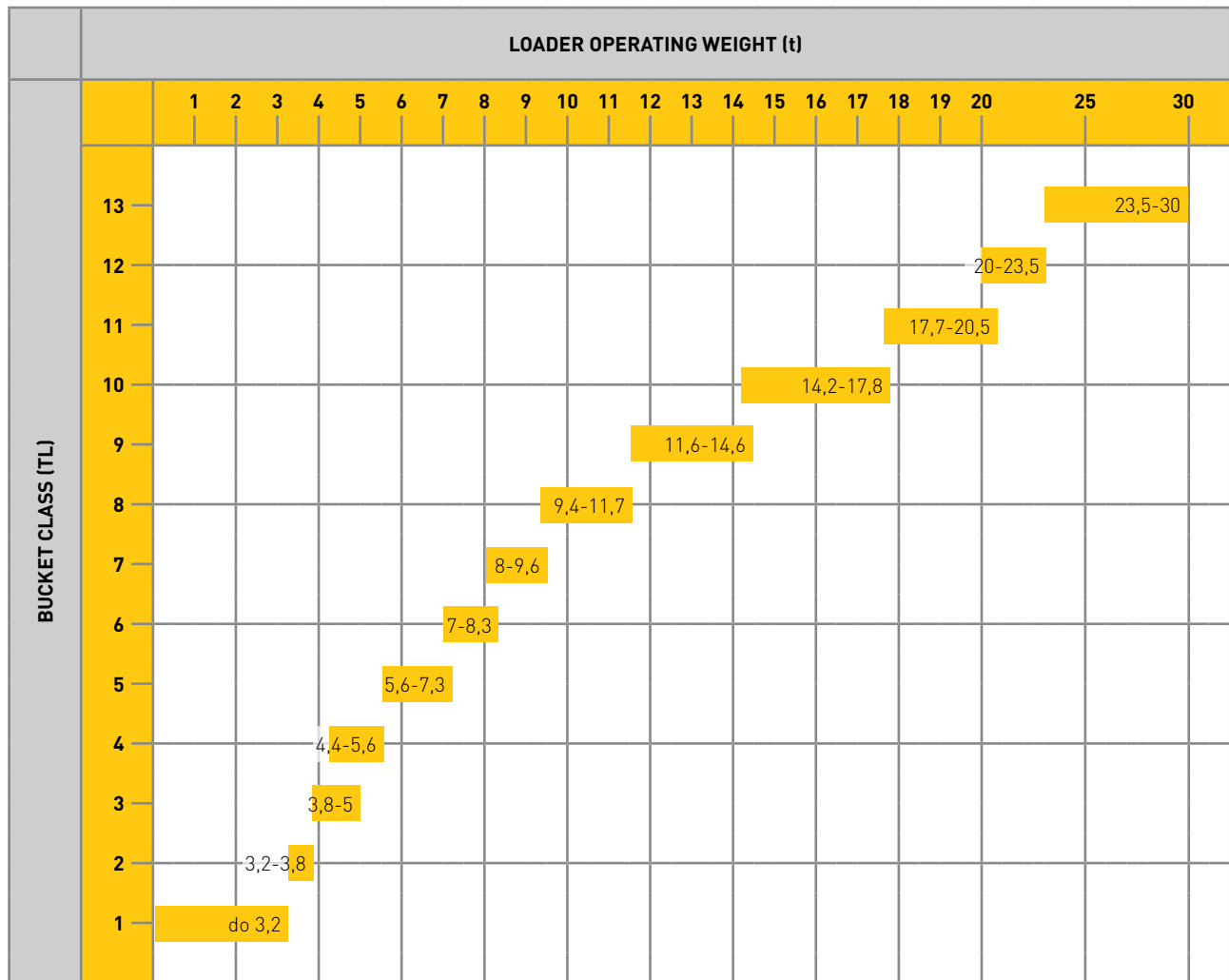


BUCKETS

DAVON BUCKETS HELP INCREASE LABOUR PRODUCTIVITY AND THE PERFORMANCE, EFFICIENCY AND RELIABILITY OF MACHINERY WHILE LOWERING OPERATING COSTS.

- WE SELL NEARLY ALL TYPES OF BUCKETS FOR ALMOST EVERY KIND OF CONSTRUCTION EQUIPMENT.
- THEY ARE DESIGNED TO MEET THE MOST DEMANDING REQUIREMENTS FOR EARTHWORKS, WORK IN QUARRIES, AND SIMILAR JOBS.
- THE DESIGN, GEOMETRY AND THE MATERIALS USED ENSURE HIGH LABOUR PRODUCTIVITY.
- MANUFACTURED FROM VERY DURABLE AND WEAR-RESISTANT STEELS, THESE BUCKETS DELIVER ON THE MOST DEMANDING REQUIREMENTS.
- THOSE AREAS MOST SUBJECT TO STRAIN ARE EQUIPPED WITH WEAR ELEMENTS TO INCREASE DURABILITY AND THE SERVICE LIFE OF THE EQUIPMENT.
- BUCKET GEOMETRY PLACES EMPHASIS ON GREATER BLADE EXTENSION AND OPTIMUM FILLING, REDUCING RESISTANCE TO THE LOADED MATERIAL AND THEREBY INCREASING PRODUCTIVITY WHILE SAVING FUEL.

BUCKETS ARE CLASSIFIED INTO CATEGORIES BASED ON LOADER OPERATING WEIGHTS



UNIVERSAL LOADER BUCKETS

TL 1-13



LOADER BUCKETS FOR LIGHT MATERIALS

TL 1-13



LOADER BUCKETS FOR HEAVY MATERIALS

TL 7-12

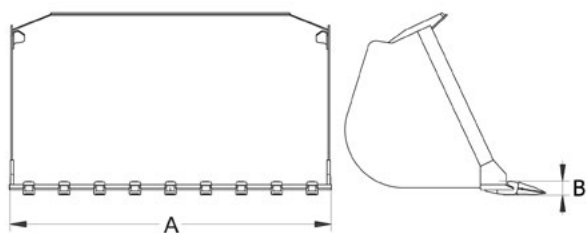


LOADER ROCK BUCKETS

TL 10-13

MODEL DESCRIPTION

Loading buckets of various types, designs and sizes for handling of loose materials. Their rugged welded construction and the used material guarantee a long service life.

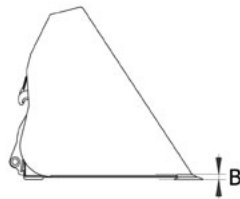
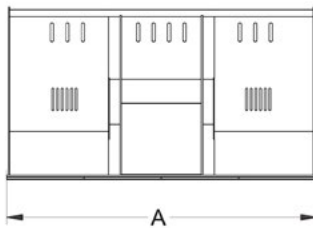


MODEL DESCRIPTION

Universal loader buckets are made from welded S355J2+N steel and are finished with HARDOX 450 main and side blades and scraping plates as well as adapters and the CAT tooth system.

Technical information

TL	Volume (m ³)	A Blade width (mm)	B Blade thickness (mm)	Number of teeth
1	0,450	1700	16	6
2	0,550	1750	16	6
3	0,700	1850	16	6
4	0,850	1950	20	6
5	1,000	2050	20	6
6	1,200	2200	25	7
7	1,600	2400	25	8
8	1,900	2600	25	8
9	2,500	2700	25	8
10	3,000	2900	30	8
11	3,300	3000	35	8
12	4,100	3000	40	8
	4,100	3200	40	8
	4,500	3200	40	8
13	4,800	3600	50	8

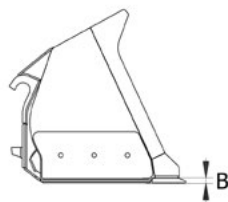
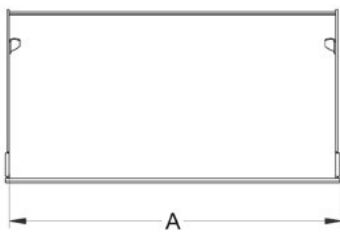


MODEL DESCRIPTION

Loader buckets for light materials are made from welded S355J2+N steel and are finished with HARDOX 450 main and side blades and scraping plates.

Technical information

TL	Volume (m ³)	A Blade width (mm)	B Blade thickness (mm)
1	0,800	1800	16
2	1,000	1750	16
3	1,000	1950	16
4	1,200	1950	16
5	1,500	2150	20
6	2,000	2300	20
7	2,000	2400	20
	2,600	2400	20
8	2,500	2600	20
	3,000	2600	20
9	3,000	2700	20
	3,500	2700	20
10	3,500	2900	25
	4,000	2900	25
11	4,000	3000	30
	4,500	3000	30
12	5,000	3200	30
13	6,500	3600	40
	10,000	3600	40

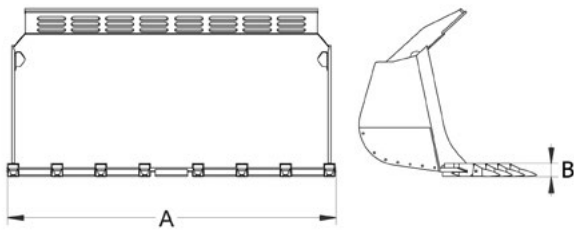


MODEL DESCRIPTION

Loader buckets for heavy materials are made from welded StS355J2+N steel and are finished with HARDOX 450 main and side blades and scraping plates as well as adapters and the CAT tooth system.

Technical information

TL	Volume (m ³)	A Blade width (mm)	B Blade thickness (mm)
7	1,300	2400	25
8	1,500	2600	25
9	2,200	2700	25
10	2,500	2800	35
11	3,100	3000	40
12	3,500	3000	40



MODEL DESCRIPTION

Loader rock buckets are made from welded S355J2+N steel and are finished with HARDOX 450 main and side blades and scraping plates as well as adapters and the CAT tooth system.

Technical information

TL	Volume (m³)	A Blade width (mm)	B Blade thickness (mm)	Number of teeth
10	2,700	2800	35	8
11	3,200	3000	40	8
12	3,600	3200	50	8
	3,600	3200	45	8
13	4,800	3600	50	8

BUCKETS ARE CLASSIFIED INTO CATEGORIES BASED ON EXCAVATOR OPERATING WEIGHTS

		EXCAVATOR OPERATING WEIGHT (t)																
		1	2	3	4	5	6	7	8	9	10	15	20	25	30	35	40	45
BUCKET CLASS (TL)	8																	28,0-45,0
	7														21,0-30,0			
	6												13,0-25,0					
	5										8,5-13,5							
	4							5,5-9,0										
	3				3,6-6,0													
	2		1,5-3,6															
	1	do 1,5																



UNIVERSAL DIGGING BUCKETS

TL 1-8



DEEP ROCK BUCKETS

TL 6-8



FIXED GRADING BUCKETS

TL 1-6



TILT GRADING BUCKETS WITH ± 45° OF ROTATION

TL 1-6

MODEL DESCRIPTION

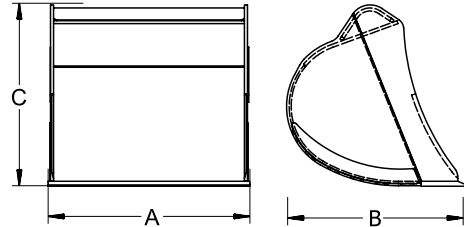
Digging buckets of various types, designs and sizes for excavation of pits, trenches, for mining and terrain levelling. Their rugged welded construction and the used material guarantee a long service life.



MODEL DESCRIPTION

Universal buckets are made from welded S355J2+N steel and are finished with HARDOX 450 main and side blades.

Models without teeth, with teeth.



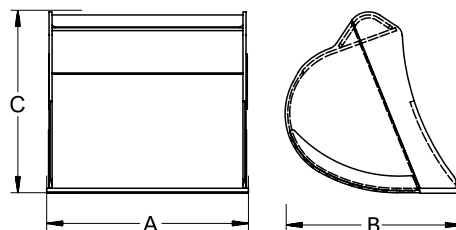
TL	Implement model	Volume SAE	Weight	All dimensions are in millimetres		Number of teeth
		(m ³)	(kg)	A	B	-
1	UL-1-0018-022	0,018	34	220	450	2
	UL-1-0023-026	0,023	38	260	450	3
	UL-1-0027-030	0,027	41	300	450	3
	UL-1-0038-040	0,038	47	400	450	3
	UL-1-0049-050	0,049	54	500	450	4
2	UL-2-0031-022	0,031	49	220	630	2
	UL-2-0038-026	0,038	53	260	630	3
	UL-2-0045-030	0,045	57	300	630	3
	UL-2-0064-040	0,064	65	400	630	3
	UL-2-0082-050	0,082	75	500	630	4
	UL-2-0100-060	0,100	83	600	630	4
3	UL-3-0062-030	0,062	79	300	710	3
	UL-3-0092-040	0,092	90	400	710	3
	UL-3-0121-050	0,121	103	500	710	4
	UL-3-0151-060	0,151	114	600	710	4
	UL-3-0180-070	0,180	127	700	710	5
	UL-3-0210-080	0,210	138	800	710	5
4	UL-4-0071-030	0,071	104	300	810	3
	UL-4-0104-040	0,104	121	400	810	3
	UL-4-0138-050	0,138	141	500	810	4
	UL-4-0171-060	0,171	158	600	810	4
	UL-4-0204-070	0,204	179	700	810	5
	UL-4-0237-080	0,237	195	800	810	5
	UL-4-0271-090	0,271	216	900	810	5



MODEL DESCRIPTION

Universal buckets are made from welded S355J2+N steel and are finished with HARDOX 450 main and side blades.

Models without teeth, with teeth.

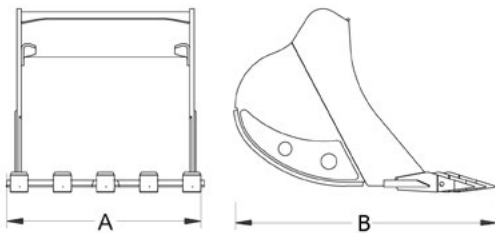


TL	Implement model	Volume SAE	Weight	All dimensions are in millimetres		Number of teeth
		(m ³)	(kg)	A	B	-
5	UL-5-0176-040	0,176	276	400	1100	3
	UL-5-0238-050	0,238	303	500	1100	4
	UL-5-0301-060	0,301	335	600	1100	4
	UL-5-0364-070	0,364	361	700	1100	4
	UL-5-0427-080	0,427	394	800	1100	4
	UL-5-0489-090	0,489	420	900	1100	5
	UL-5-0552-100	0,552	464	1000	1100	5
	UL-5-0678-120	0,678	527	1200	1100	6
6	UL-6-0270-050	0,270	427	500	1200	3
	UL-6-0347-060	0,347	463	600	1200	3
	UL-6-0424-070	0,424	514	700	1200	4
	UL-6-0501-080	0,501	550	800	1200	4
	UL-6-0578-090	0,578	598	900	1200	5
	UL-6-0656-100	0,656	629	1000	1200	5
	UL-6-0733-110	0,733	681	1100	1200	5
	UL-6-0810-120	0,810	716	1200	1200	6
UL-6-1042-150	1,042	821	1500	1200	6	
7	UL-7-0465-060	0,465	603	600	1340	3
	UL-7-0566-070	0,566	656	700	1340	4
	UL-7-0616-075	0,616	676	750	1340	4
	UL-7-0666-080	0,666	696	800	1340	4
	UL-7-0767-090	0,767	749	900	1340	5
	UL-7-0868-100	0,868	790	1000	1340	5
	UL-7-0968-110	0,968	843	1100	1340	5
	UL-7-1069-120	1,069	883	1200	1340	6
	UL-7-1170-130	1,170	935	1300	1340	6
	UL-7-1371-150	1,371	1029	1500	1340	7
	UL-7-1673-180	1,673	1164	1800	1340	7
8	UL-8-1200-100	1,200	950	1000	1385	5
	UL-8-1450-120	1,450	1040	1200	1385	6
	UL-8-1700-140	1,700	1130	1400	1385	6
	UL-8-1825-150	1,825	1175	1500	1385	7
	UL-8-2200-180	2,200	1310	1800	1385	7



MODEL DESCRIPTION

Deep rock buckets are made from welded S355J2+N steel and are finished with HARDOX 450 main and side blades, adapters and the CAT tooth system.

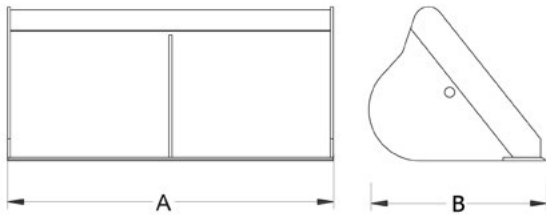


TL	Implement model	Volume SAE	Weight	All dimensions are in millimetres		Number of teeth
		[m³]	[kg]	A	B	-
1	HLS-6-0270-050	0,270	474	500	1320	3
	HLS-6-0347-060	0,347	514	600	1320	3
	HLS-6-0501-080	0,501	611	800	1320	4
	HLS-6-0656-100	0,656	698	1000	1380	5
2	HLS-7-0666-080	0,666	773	800	1460	4
	HLS-7-0868-100	0,868	877	1000	1460	4
	HLS-7-1170-130	1,170	1038	1300	1520	6
	HLS-7-1371-150	1,371	1142	1500	1520	6
3	HLS-8-1200-100	1,200	1054	1000	1550	4
	HLS-8-1450-120	1,450	1154	1200	1550	4
	HLS-8-1825-150	1,825	1304	1500	1550	5
	HLS-8-2200-180	2,200	1453	1800	1630	6



MODEL DESCRIPTION

Fixed grading buckets are made from welded S355J2+N steel and are finished with HARDOX 450 main and side blades.

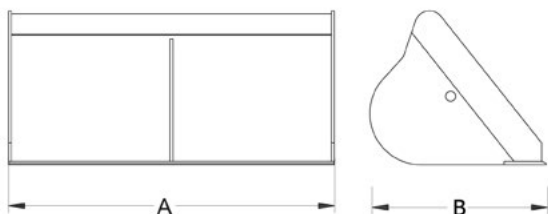


TL	Implement model	Volume SAE	Weight	All dimensions are in millimetres		Number of teeth
		[m ³]	[kg]	A	B	
1	SLP-1-0071-085	0,071	71	850	460	-
	SLP-1-0084-100	0,084	82	1000	460	-
	SLP-1-0102-120	0,102	98	1200	460	-
2	SLP-2-0093-085	0,093	100	850	500	-
	SLP-2-0108-100	0,108	116	1000	500	-
	SLP-2-0133-120	0,133	137	1200	500	-
3	SLP-3-0136-100	0,136	128	1000	540	-
	SLP-3-0164-120	0,164	151	1200	540	-
	SLP-3-0206-150	0,206	185	1500	540	-



MODEL DESCRIPTION

Fixed grading buckets are made from welded S355J2+N steel and are finished with HARDOX 450 main blades on both sides and side blades.



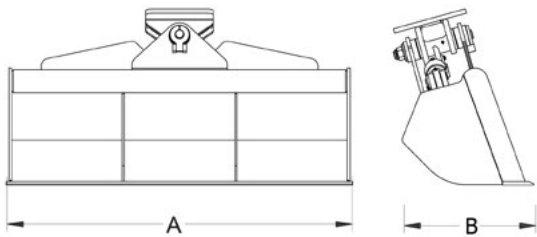
TL	Implement model	Volume SAE	Weight	All dimensions are in millimetres		Number of teeth
		[m³]	[kg]	A	B	
4	SLP-4-0206-120	0,206	168	1200	660	-
	SLP-4-0260-150	0,260	203	1500	660	-
	SLP-4-0313-180	0,313	238	1800	660	-
	SLP-4-0348-200	0,348	262	2000	660	-
5	SLP-5-0296-120	0,296	234	1200	730	-
	SLP-5-0372-150	0,372	281	1500	730	-
	SLP-5-0447-180	0,447	328	1800	730	-
	SLP-5-0500-200	0,500	360	2000	730	-
	SLP-5-0550-220	0,550	398	2200	730	-
6	SLP-6-0582-180	0,582	418	1800	860	-
	SLP-6-0650-200	0,650	456	2000	860	-
	SLP-6-0685-210	0,685	475	2100	860	-
	SLP-6-0720-220	0,720	511	2200	860	-
	SLP-6-0790-240	0,790	549	2400	860	-
	SLP-6-0825-250	0,825	568	2500	860	-



MODEL DESCRIPTION

Tilt grading buckets are made from welded S355J2+N steel and are finished with HARDOX 450 main and side blades.

Working pressure: 250 bar



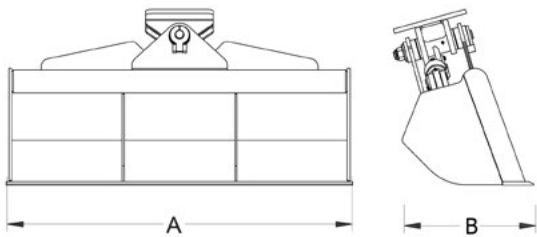
TL	Implement model	Volume SAE	Weight	All dimensions are in millimetres		Number of teeth
		(m ³)	(kg)	A	B	
1	SLN-1-0084-100	0,084	127	1000	460	-
	SLN-1-0102-120	0,102	143	1200	460	-
2	SLN-2-0108-100	0,108	161	1000	500	-
	SLN-2-0133-120	0,133	182	1200	500	-
3	SLN-3-0136-100	0,136	173	1000	540	-
	SLN-3-0164-120	0,164	196	1200	540	-
	SLN-3-0206-150	0,206	230	1500	540	-



MODEL DESCRIPTION

Tilt grading buckets are made from welded S355J2+N steel and are finished with HARDOX 450 main blades on both sides and side blades.

Working pressure: 250 bar



TL	Implement model	Volume SAE	Weight	All dimensions are in millimetres		Number of teeth
		(m ³)	(kg)	A	B	
4	SLN-4-0260-150	0,260	267	1500	660	-
	SLN-4-0313-180	0,313	302	1800	660	-
	SLN-4-0348-200	0,348	326	2000	660	-
5	SLN-5-0372-150	0,372	345	1500	730	-
	SLN-5-0447-180	0,447	392	1800	730	-
	SLN-5-0500-200	0,500	424	2000	730	-
6	SLN-6-0582-180	0,582	482	1800	860	-
	SLN-6-0650-200	0,650	520	2000	860	-
	SLN-6-0720-220	0,720	575	2200	860	-
	SLN-6-0790-240	0,790	613	2400	860	-

DAVON

MINING AND CONSTRUCTION TECHNOLOGY
DEVELOPMENT – PRODUCTION – SALE

DAVON s.r.o. | Šumperská 1353 783 91
Uničov | Czech Republic

Tel.: +420 585 004 532

+420 585 004 539

Fax: +420 585 053 229

e-mail: sales@davoncompany.com

www.davoncompany.com



DAVON s.r.o.
Šumperská 1353
783 91 Uničov
Czech Republic

2021-1