

SEVERE DUTY BACKHOE BUCKET



Robustness and versatility for severe duty backhoe buckets.

Severe duty backhoe bucket (US) models are designed to work with excavators from 1.1 to 70 tonnes.

They are designed for earthmoving in compact and abrasive materials such as sand or limestone. They are fitted as standard with Arden Equipment “Pro” series teeth.

Standard profile and T profile

They are available in different profiles to adapt capacities to all needs. Standard profiles are designed for earthmoving and loading, while the T profile, thanks to its shape and cut-out side plates, facilitates block handling.



Characteristics

- ✓ QA / UA / AECW / AES / AT / ATR / AIO quick couplers or direct mounting.
- ✓ Optimal penetration and bucket filling.
- ✓ 450 HB anti-abrasion steel.
- ✓ Buckets up to R40 fitted with lifting hooks on the wear strips.
- ✓ Maintains OEM linkage kinematics.
- ✓ Bucket stability on the ground.
- ✓ Available with Arden teeth as standard (or MTG). Other tooth systems available on request.
- ✓ Reinforced with wear strips and skids or double bottom.
- ✓ Reversible on most models (please contact us).



R50S42 QAR53 – Reinforced with wear strips and skids



R30S32 – Double bottom and lifting hooks

Options:

Welded arrow wear strip

Other options contact us.

Safety

Versatility

Customisable

Robustness



Technical drawings

Standard profile backhoe bucket

T profile backhoe bucket

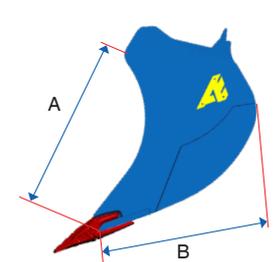
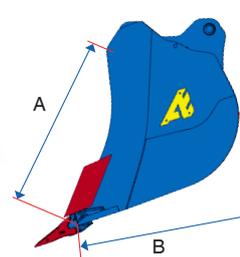
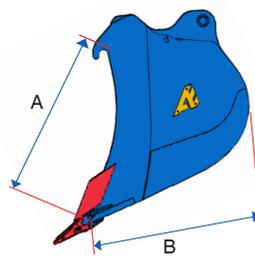
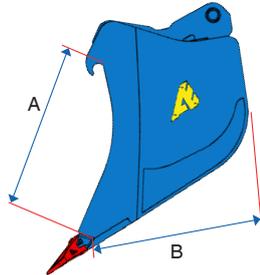
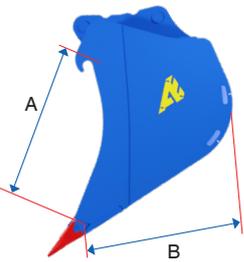
Image of an R05S

Image of an R10S – R20S

Image of an R30S – R40S

Image of an R50S – R70S

Image of an R30ST2 and above



t	Reference	KG *		A	B	Width / capacity	
		min	max			min	max
		kg	kg			mm/lt	mm/lt
1.1 - 1.4	R05S05	30	39	272	347	205/11	400/24
1.5 - 2	R05S11	34	64	375	420	205/20	600/65
2.1 - 3	R05S31	39	71	480	468	205/25	600/90
3.1 - 3.5	R05S42	70	136	584	647	300/65	800/200
2.6 - 3	R10S12	59	108	442	488	250/35	700/115
3.1 - 4.9	R10S22	83	149	584	647	300/65	800/200
5 - 6	R10S32	91	161	655	697	300/75	800/240
6 - 7.5	R20S12	134	276	684	805	300/90	1000/360
8 - 10	R20S22	141	270	791	883	300/110	1000/450
10 - 11	R25S22	205	383	791	883	400/150	1100/505
12 - 16	R30S32	342	587	883	1067	450/260	1200/830
12 - 16	R30ST2	353	581	883	1067	450/270	1200/725
16 - 20	R40S32	502	802	969	1210	500/350	1300/1050
16 - 20	R40ST2	493	793	969	1210	500/285	1300/805
20 - 27	R50S22	798	1140	942	1213	600/460	1300/1080
20 - 27	R50S42	858	1326	1077	1295	600/550	1500/1560
20 - 27	R50ST2	832	1300	1182	1295	600/430	1500/1235
27 - 30	R55S42	1050	1729	1077	1295	800/700	1700/1800
27 - 30	R55ST2	965	1525	1182	1295	800/545	1700/1435
27 - 37	R60S32	1182	1782	1139	1451	800/890	1700/2080
27 - 37	R60S52	1120	2000	1261	1516	800/1060	1700/2490
27 - 37	R60ST2	1146	1746	1139	1451	800/890	1700/2060
38 - 53	R70S31	2100	2687	1368	1507	1300/1800	2000/3000
38 - 53	R70S51	2100	2720	1565	1698	1300/2110	2000/3600
38 - 53	R70ST1	2100	2687	1454	1597	1300/1550	2000/2630
54 - 70	R80S31	2950	4400	1560	1700	1300/2170	2200/4120
54 - 70	R80S41	3400	4800	1700	1650	1500/3100	2200/4700

* Weight with QA or original couplers and AE teeth

Severe duty backhoe bucket with T profile: ST1 or ST2

Some models with narrow widths can be supplied with parallel side plates: please contact us.

Technical data and visuals are non-contractual and subject to change without prior notice.

