

Technical data (attachments)

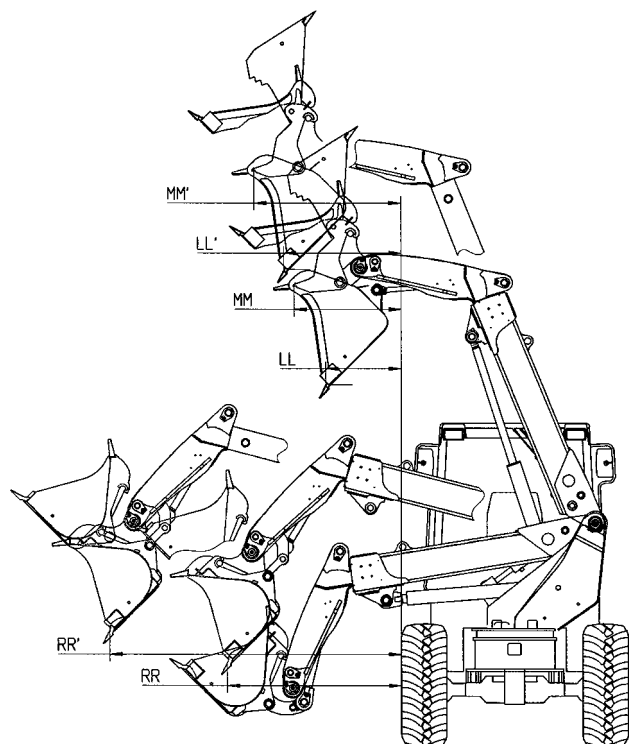
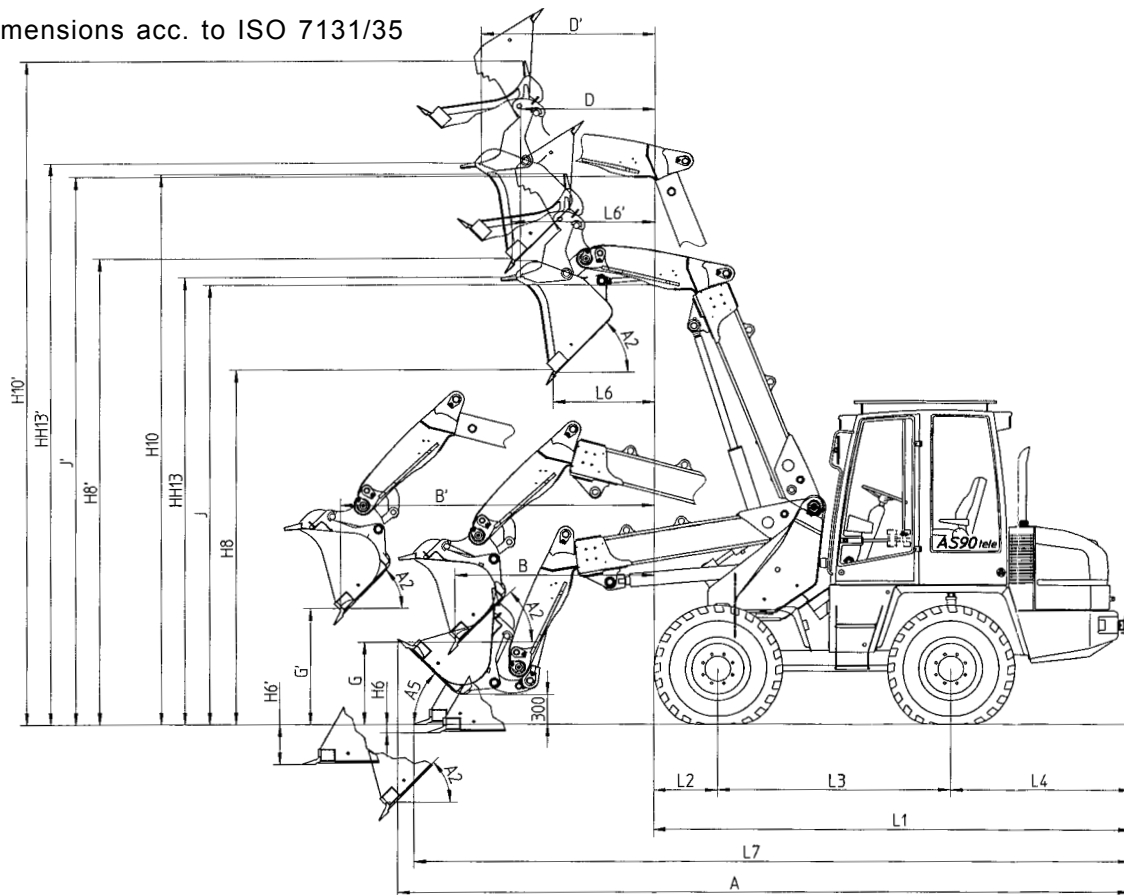
12 Attachments

NOTE

- The technical data refer to 16/70-20 tyres.

12.1 Buckets

- Dimensions acc. to ISO 7131/35



12.1 Buckets

Bucket type			Standard bucket	Lightweight bucket	Multi-purpose bucket
A	Total length	mm	6450	6095	6520
AA4	Max. dump angle	°	105	105	105
A2	Dump angle	°	45	45	45
A5	Max. tilt angle	°	45	45	45
B	Max. dumping distance at dumping angle 45°	mm	1745	1960	1860
B'	Max. dumping distance at dumping angle 45°	mm	2760	2970	2880
G	Dumping height at max. dumping distance and dumping angle 45°	mm	775	680	700
G'	Dumping height at max. dumping distance and dumping angle 45°	mm	1060	930	960
H6	Depth of feed-in	mm	145	110	150
H6'	Depth of feed-in	mm	350	300	280
H8	Dumping height at max. lifting height and dumping angle 45°	mm	3105	3100	3160
H8'	Dumping height at max. lifting height and dumping angle 45°	mm	4115	4100	4150
H10	Max. working height	mm	4845		4645
H10'	Max. working height	mm	5835		5630
J	Free lift height	mm	3835	3835	3835
J'	Free lift height	mm	4830	4830	4830
LL	Dumping distance at max. lifting height and dumping angle 45°	mm	645	795	715
LL'	Dumping distance at max. lifting height and dumping angle 45°	mm	1005	1155	1075
L1	Length	mm	4200		
L2	Length	mm	560		
L3	Length	mm	2050		
L4	Length	mm	1595		
L6	Dumping distance at max. lifting height and dumping angle 45°	mm	870	940	850
L6'	Dumping distance at max. lifting height and dumping angle 45°	mm	1250	1310	1220
L7	Total length	mm	6355	6100	6460
RR	Max. dumping distance at dumping angle 45°	mm	1495	1625	1565
RR'	Max. dumping distance at dumping angle 45°	mm	2505	2635	2575
Multipurpose bucket opened:					
D	Dumping distance at max. lifting height and tilted bucket	mm	-	-	1210
D'	Dumping distance at max. lifting height and tilted bucket	mm	-	-	1515
HH13	Max. dumping height with tilted bucket	mm	-	-	3960
HH13'	Max. dumping height with tilted bucket	mm	-	-	4950
MM	Dumping distance at max. lifting height and tilted bucket	mm	-	-	915
MM	Dumping distance at max. lifting height and tilted bucket	mm	-	-	1260

NOTE

- The code letters given **without** inverted comma (e.g. **B**) are values with the telescope **retracted**.
- The code letters given **with** inverted comma (e.g. **B'**) are values with the telescope **extended**.

12.1 Buckets

Bucket type		Standard bucket	Lightweight bucket	Multi-purpose bucket
Bucket volume acc. to DIN ISO 7546	m ³	0.9	1.2	0.8
Bucket width	mm	2100	2000	2100
Weight	kg	288	378	493
Loads acc. to ISO 14397				
Bulk density	t/m ³	1.6	1.2	1.7
Dump load (telescope retracted)				
- frontal	kg	2950	2880	2780
- swivelled	kg	2320	2250	2140
Payload (telescope retracted) *1				
- frontal	kg	1475	1440	1390
- swivelled	kg	1160	1125	1070
Dump load (telescope extended)				
- frontal	kg	1850	1790	1720
- swivelled	kg	1160	1110	1050
Payload (telescope extended) *1				
- frontal	kg	925	895	860
- swivelled	kg	580	555	525
Loads acc. to ISO 8313				
Bulk density	t/m ³	1.6		
Dump load (telescope retracted) *2				
- frontal	kg	2850		
- swivelled	kg	2050		
Dump load (telescope extended)				
- frontal	kg	1425		
- swivelled	kg	1025		
Dump load (telescope extended) *2				
- frontal	kg	1770		
- swivelled	kg	1020		
Dump load (telescope extended)				
- frontal	kg	885		
- swivelled	kg	510		
Tear-out force acc. to ISO 8313	kN	44		

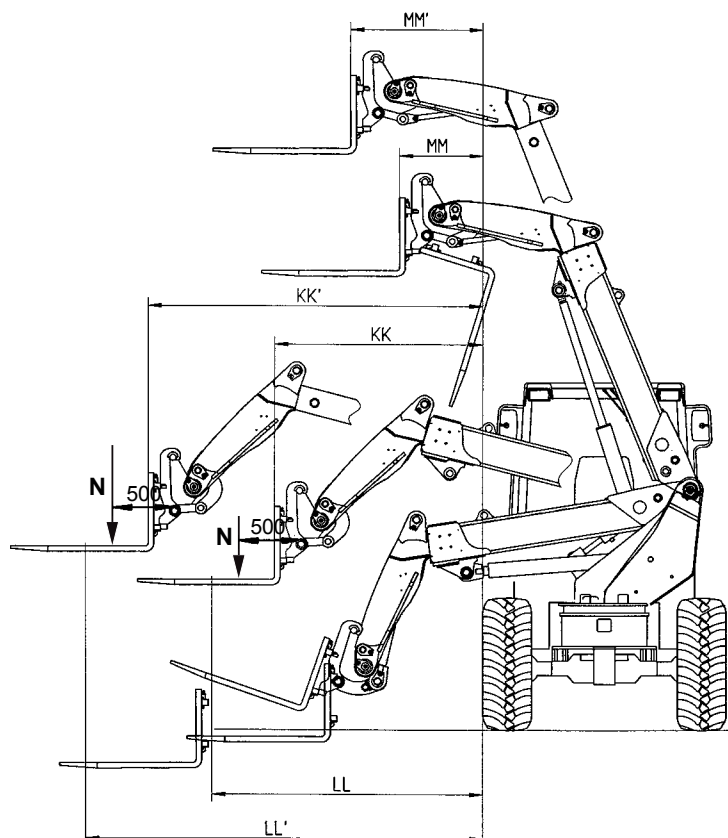
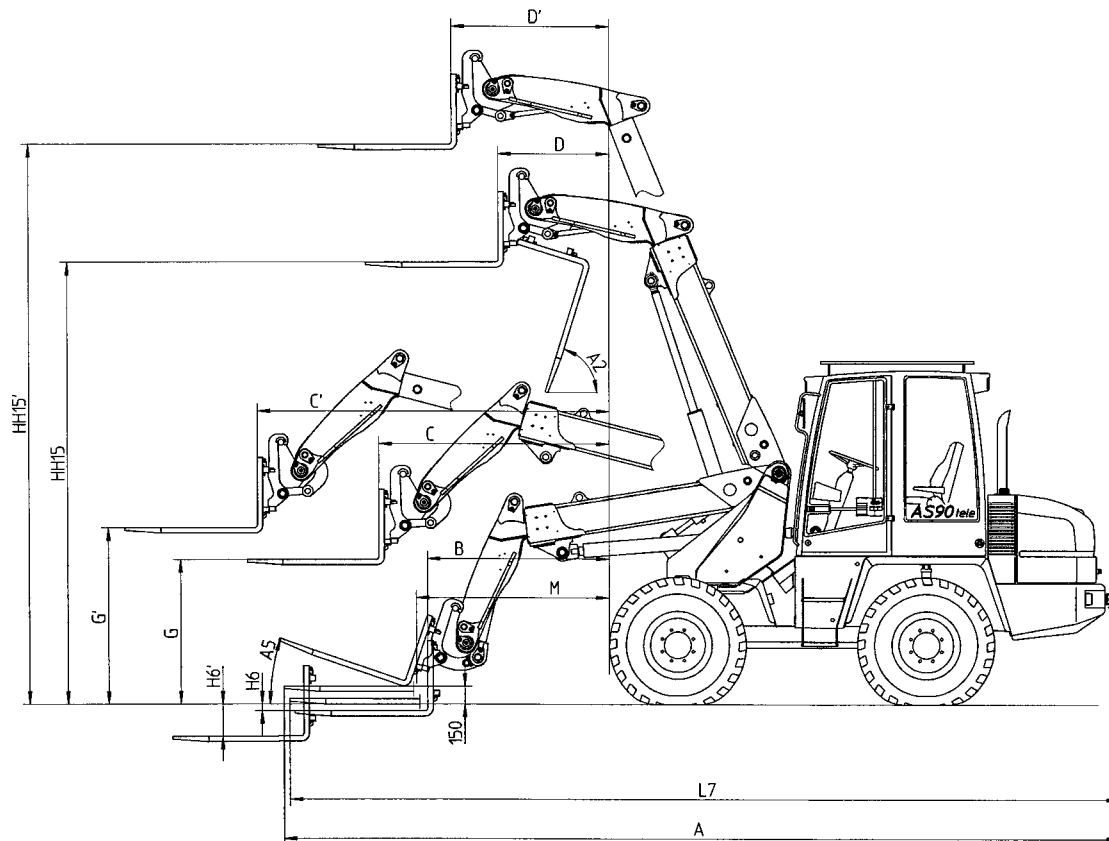
NOTE

*1 - ISO 14397: "Calculation of permissible payload"

*2 - ISO 8313: "Measurement of dump load"

12.2 Fork-lift attachment

- Dimensions acc. to ISO 7131/35



12.2 Fork-lift attachment

A	Total length	6910 mm
A2	Tip angle	72 °
A5	Tilt angle	20 °
B	Min. reach	1510 mm
C	Max. reach	1915 mm
C'	Max. reach	2930 mm
D	Reach at max. lifting height	930 mm
D'	Reach at max. lifting height	1310 mm
G	Free lift height at max. reach	1200 mm
G'	Free lift height at max. reach	1460 mm
H6	Depth of feed-in	55 mm
H6'	Depth of feed-in	265 mm
HH15	Free lift height at max. reach (upper tine edge)	3665 mm
HH15'	Free lift height at max. reach (upper tine edge)	4640 mm
KK	Max. reach	1655 mm
KK'	Max. reach	2675 mm
LL	Distance between tyre and payload	2155 mm
LL'	Distance between tyre and payload	3175 mm
L7	Total length	6880 mm
M	Reach (upper tine edge 300 mm)	1605 mm
MM	Reach at max. lifting height	665 mm
MM'	Reach at max. lifting height	1055 mm

NOTE

- The code letters given **without** inverted comma (e.g. **C**) are values with the telescope **retracted**.
- The code letters given **with** inverted comma (e.g. **C'**) are values with the telescope **extended**.

12.2 Fork-lift attachment

Tine length	1100 mm
Tine height	45 mm
Tine spacing (centre)	
- min.	216 mm
- max.	1054 mm
Dead weight	210 kg

Perm. payload N acc. to DIN 14397 (telescope retracted)
frontal

- level ground (stability factor 1.25)	2135 kg
- uneven ground (stability factor 1.67)	1600 kg

swivelled

- level ground (stability factor 1.25)	1595 kg
- uneven ground (stability factor 1.67)	1195 kg

Perm. payload N acc. to DIN 14397 (telescope extended)
frontal

- level ground (stability factor 1.25)	1410 kg
- uneven ground (stability factor 1.67)	1055 kg

swivelled

- level ground (stability factor 1.25)	900 kg
- uneven ground (stability factor 1.67)	675 kg

Perm. payload N acc. to DIN 8313 (telescope retracted)
frontal

- level ground (stability factor 1.25)	1980 kg
- uneven ground (stability factor 1.67)	1485 kg

swivelled

- level ground (stability factor 1.25)	1395 kg
- uneven ground (stability factor 1.67)	1045 kg

Perm. payload N acc. to DIN 8313 (telescope extended)
frontal

- level ground (stability factor 1.25)	1335 kg
- uneven ground (stability factor 1.67)	1000 kg

swivelled

- level ground (stability factor 1.25)	785 kg
- uneven ground (stability factor 1.67)	590 kg

Perm. payload N acc. to DIN 8313, fork-lift attachment 300 mm above ground (telescope retracted)
frontal

- level ground (stability factor 1.25)	2190 kg
- uneven ground (stability factor 1.67)	1645 kg

Perm. payload N acc. to DIN 8313, fork-lift attachment 300 mm above ground (telescope extended)
frontal

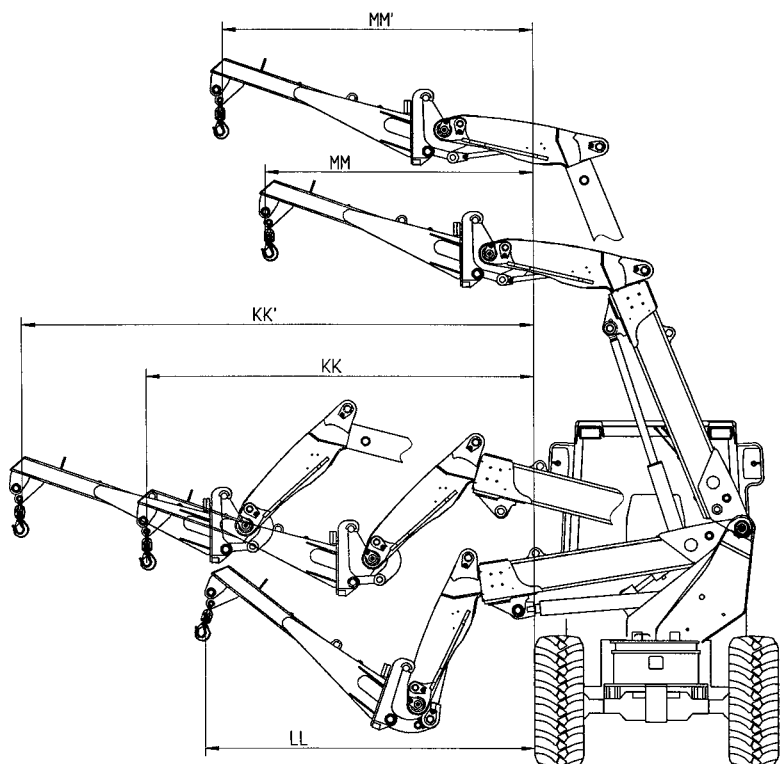
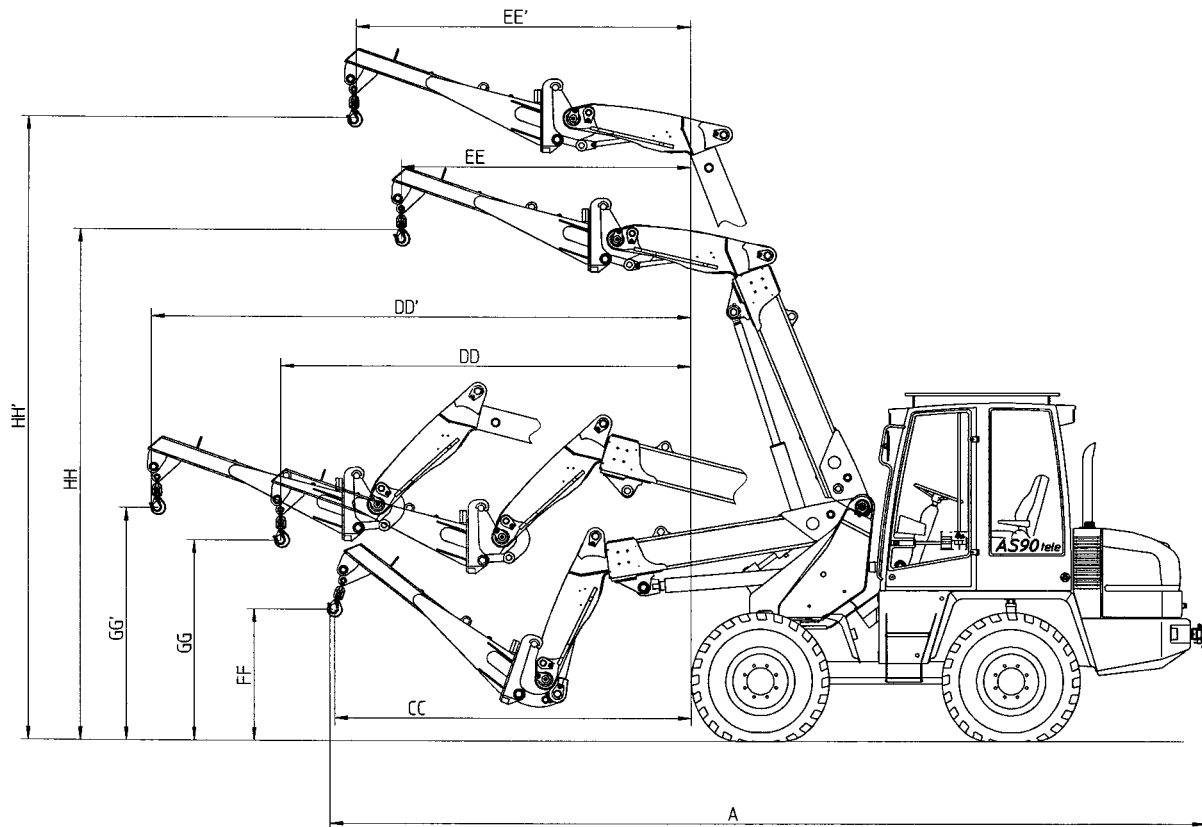
- level ground (stability factor 1.25)	1390 kg
- uneven ground (stability factor 1.67)	1045 kg

NOTE

- ISO 14397: "Calculation of permissible payload"
- Stability factor acc. to DIN EN 474-3

12.3 Lifting hook

- Dimensions acc. to ISO 7131/35



12.3 Lifting hook

Perm. payload acc. to DIN EN 474-3 (acc. to ISO 8313)

Max. outreach (stability factor 2)	(Telescope retracted)	(Telescope extended)
- frontal	1200 kg	600 kg
- swivelled	600 kg	370 kg

Dead weight	160 kg
-------------	--------

A	Total length	7150 mm
CC	Min. reach	2910 mm
DD	Max. outreach	3350 mm
DD'	Max. outreach	4415 mm
EE	Reach at max. lifting height	2360 mm
EE'	Reach at max. lifting height	2730 mm
FF	Min. lifting height with tilted quick-change device	1075 mm
GG	Lifting height at max. outreach	1640 mm
GG'	Lifting height at max. outreach	1905 mm
HH	Max. lifting height	4180 mm
HH'	Max. lifting height	5100 mm
KK	Max. outreach	3095 mm
KK'	Max. outreach	4090 mm
LL	Min. outreach	2630 mm
MM	Max outreach at max. lifting height	2130 mm
MM'	Max outreach at max. lifting height	2470 mm

NOTE

- The code letters given **without** inverted comma (e.g. **D**) are values with the telescope **retracted**.
- The code letters given **with** inverted comma (e.g. **D'**) are values with the telescope **extended**.