

Technical Data (Attachments)

12.1 AS 700

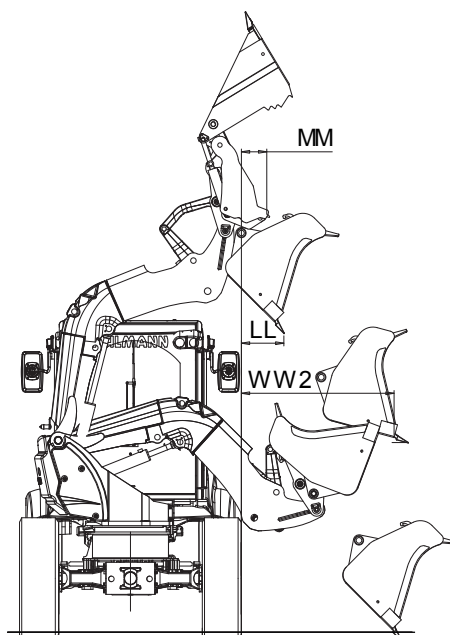
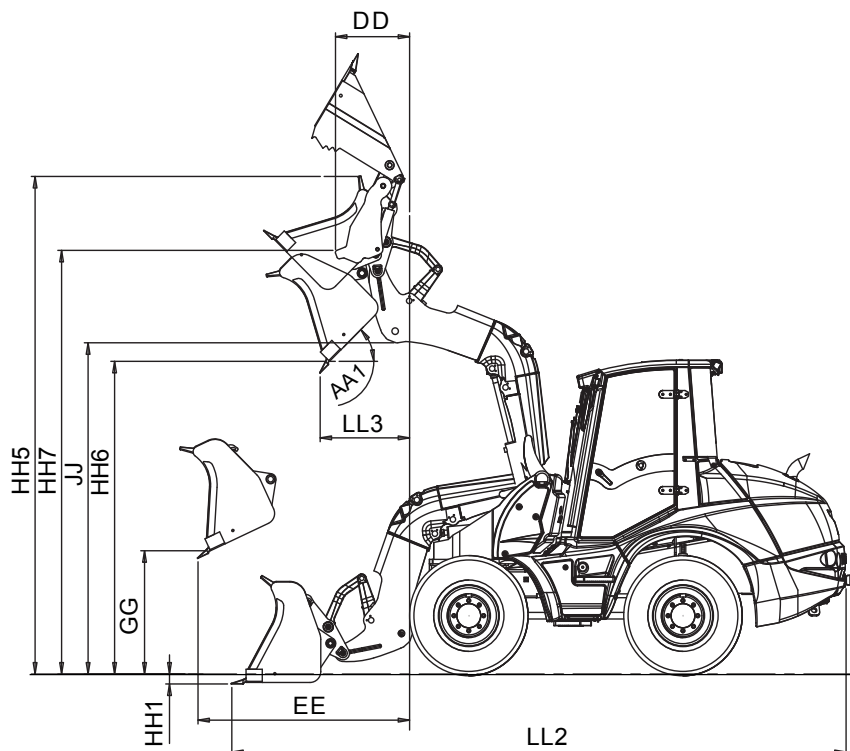


NOTE

The technical data refer to 14.5 R20 tyres.

12.1.1 Buckets

- Dimensions acc. to ISO 7131/35

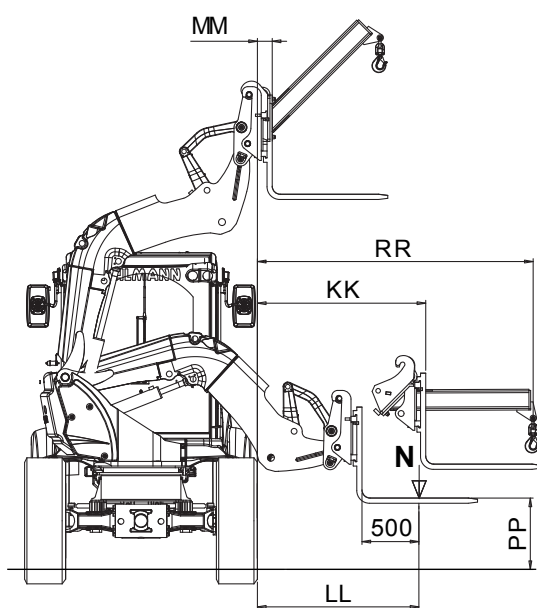
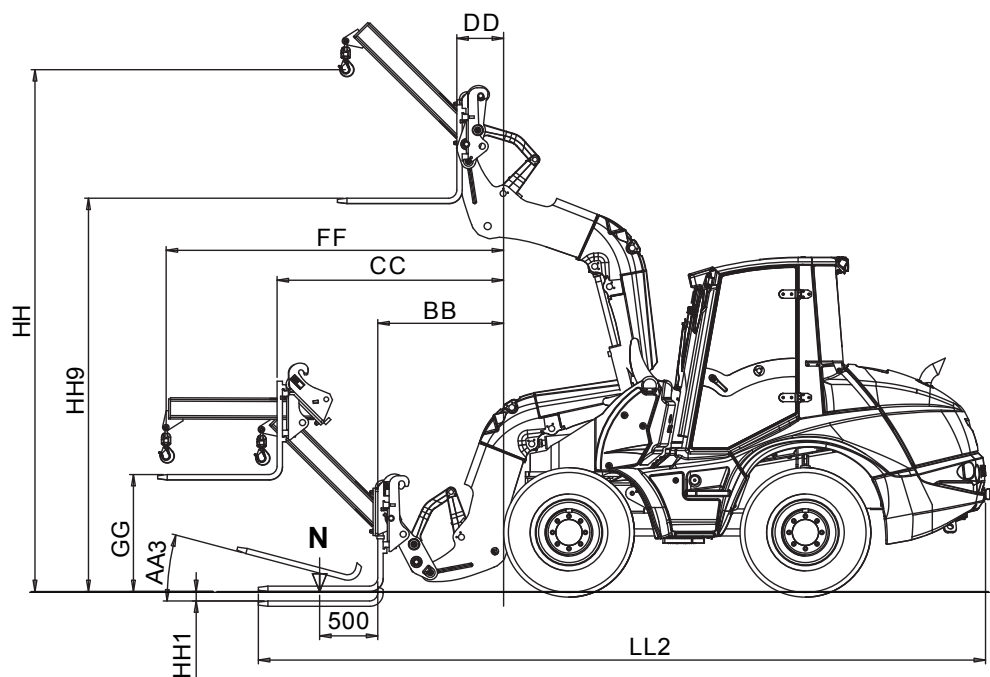


12.1.1 Buckets

Bucket type		Standard bucket	Lightweight bucket	Multi-purpose bucket
Bucket volume acc. to DIN ISO 7546	m ³	0.7		0.65
Bucket width	mm	1,950		1,950
Dead weight	kg			552
Loads				
Bulk density	t/m ³	1.8		
Tipping load acc. to ISO 14397				
- max. steering angle, frontally	kg	3,250		
- max. steering angle, swivelled	kg	3,300		
Payload acc. to EN 474-3				
- frontal	kg			
- swivelled	kg			
Loads acc. to ISO 8313				
Bulk density	t/m ³	1.8		
Dump load				
- frontal	kg			
- swivelled	kg			
Payload				
- frontal	kg			
- swivelled	kg			
Tear-out force acc. to ISO 8313	kN	44.0		44.0
AA1 Dump angle °				
		49		46
EE Max. dumping distance at dumping angle 45° mm				
		1,630		1,750
GG Dumping height at max. dumping distance and dumping angle 45° mm				
		1,020		1,070
HH1 Depth of feed-in mm				
		130		85
HH5 Max. lifting height over bucket back with tilted bucket mm				
		4,520		4,500
HH6 Dumping height at max. lifting height and dumping angle 45° mm				
		2,720		2,700
JJ Free lift height mm				
		3,130		3,120
LL Dumping distance at max. lifting height and dumping angle 45° mm				
		730		730
LL2 Total length mm				
		5,550		5,520
LL3 Dumping distance at max. lifting height and dumping angle 45° mm				
		910		910
WW2 Max. dumping distance at dumping angle 45° mm				
		1,460		1,380
Multipurpose bucket opened:				
DD Dumping distance at max. lifting height and tilted bucket mm				
		-		920
HH7 Max. dumping height with tilted bucket mm				
		-		3,270
MM Dumping distance at max. lifting height and tilted bucket mm				
		-		720

12.1.2 Fork-lift attachment/lifting hook

- Dimensions acc. to ISO 7131/35



12.1.2 Fork-lift attachment

Tine length	1,100 mm
Tine height	850 mm
Tine spacing (centre)	
- min.	215 mm
- max.	1,060 mm
Dead weight	216 kg

Perm. payload N acc. to EN 474-3**max. steering angle, frontally**

- level ground (stability factor 1.25)	2,060 kg
- uneven ground (stability factor 1.67)	1,550 kg

max. steering angle, swivelled

- level ground (stability factor 1.25)	1,660 kg
- uneven ground (stability factor 1.67)	1,250 kg

Perm. payload N acc. to ISO 8313**frontal**

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

swivelled

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

Perm. payload N acc. to EN 474-3, **fork-lift attachment 300 mm above ground****max. steering angle, frontally**

- level ground (stability factor 1.25)	2,420 kg
- uneven ground (stability factor 1.67)	1,810 kg

AA3	Tilt angle	19 °
BB	Min. reach	1,030 mm
CC	Max. reach	1,460 mm
DD	Reach at max. lifting height	740 mm
GG	Free lift height at max. reach	1,460 mm
HH1	Depth of feed-in	150 mm
HH9	Free lift height at max. reach (upper tine edge)	3,190 mm
KK	Max. reach	1,090 mm
LL	Distance between tyre and payload	1,510 mm
LL2	Length	6,160 mm
MM	Reach at max. lifting height	380 mm
PP	Min. free lift height	880 mm

12.1.3 Lifting hook

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

Max. outreach (stability factor 2)

- frontal	910 kg
- swivelled	610 kg
Dead weight	147 kg

FF	Max. outreach	3,010 mm
HH	Max. lifting height	4,520 mm
RR	Max. outreach	2,630 mm

12.2 AS 900

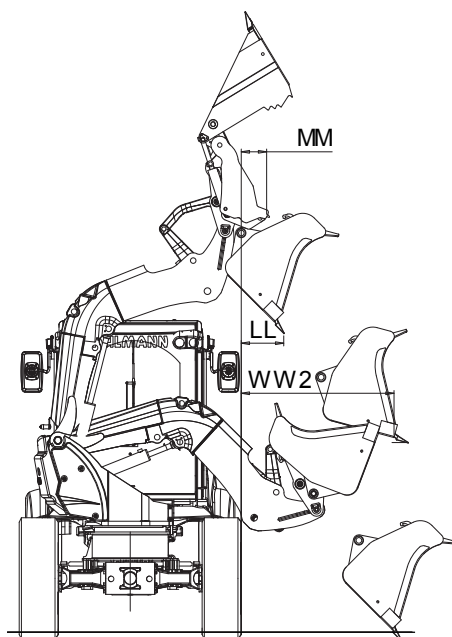
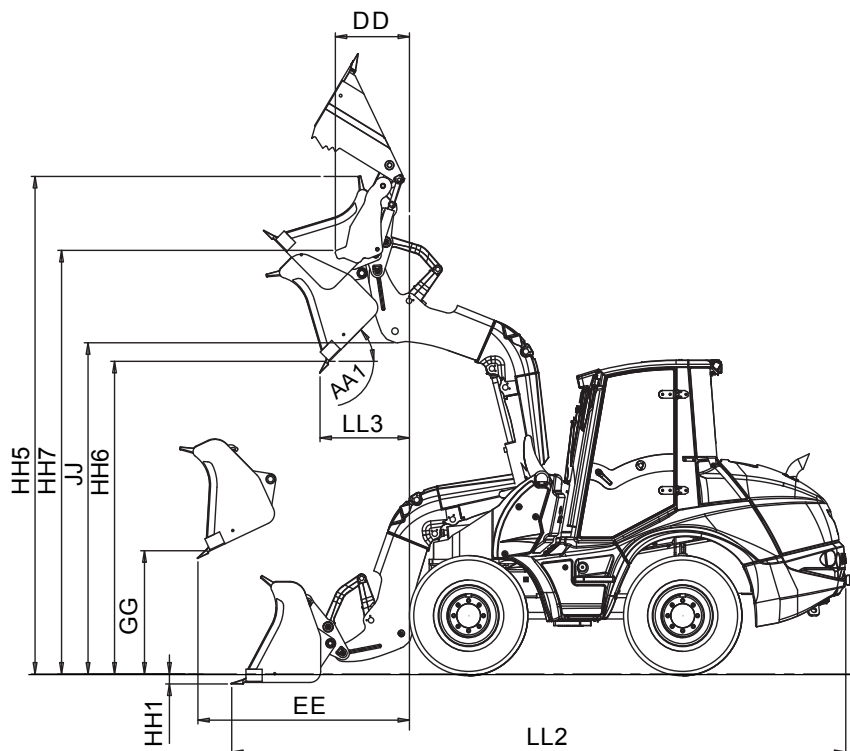


NOTE

The technical data refer to 14.5 R20 tyres.

12.2.1 Buckets

- Dimensions acc. to ISO 7131/35

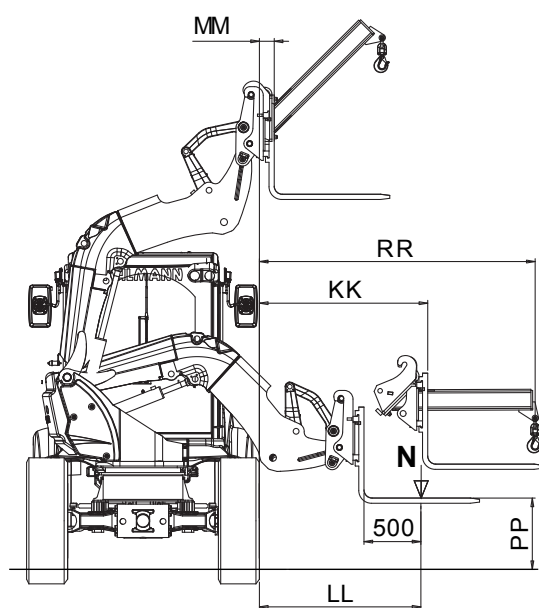
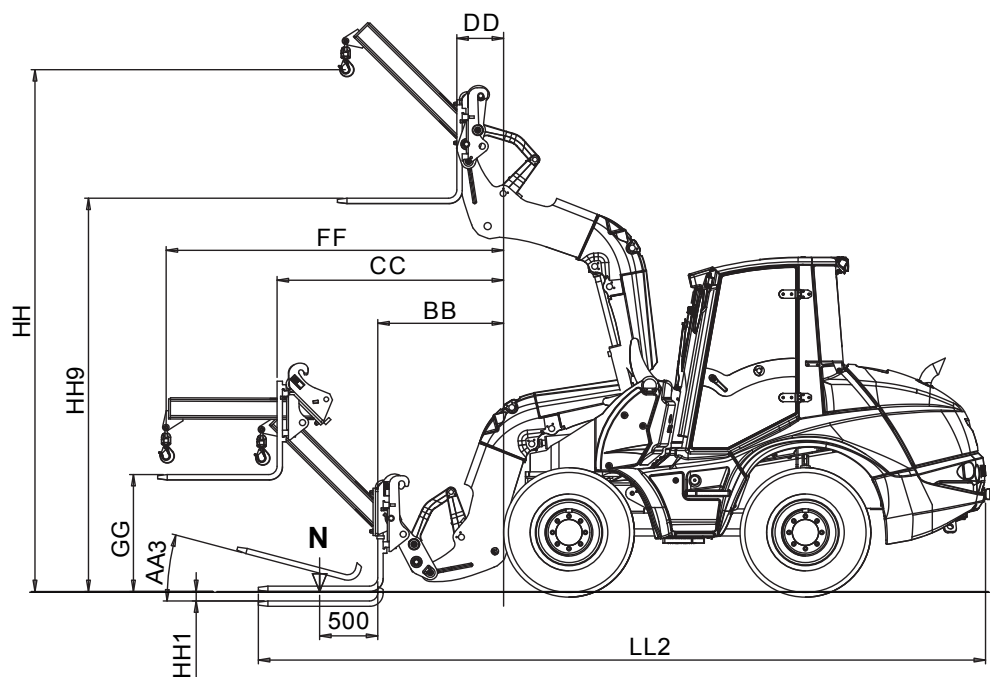


12.2.1 Buckets

Bucket type		Standard bucket	Lightweight bucket	Multi-purpose bucket
Bucket volume acc. to DIN ISO 7546	m ³	0.9		0.85
Bucket width	mm	2.100		2.100
Dead weight	kg	340		620
Loads				
Bulk density	t/m ³	2.0		1.9
Tipping load acc. to ISO 14397				
- max. steering angle, frontally	kg	3,700		3,390
- max. steering angle, swivelled	kg	3,900		3,880
Payload acc. to EN 474-3				
- frontal	kg	1,850		1,695
- swivelled	kg	1,950		1,940
Loads acc. to ISO 8313				
Bulk density	t/m ³	1.8		
Dump load				
- frontal	kg	3,700		3,390
- swivelled	kg	3,900		3,880
Payload				
- frontal	kg	1,850		1,695
- swivelled	kg	1,950		1,940
Tear-out force acc. to ISO 8313	kN	54.0		54.0
AA1 Dump angle	°	49		46
EE Max. dumping distance at dumping angle 45°	mm	1,660		1,750
GG Dumping height at max. dumping distance and dumping angle 45°	mm	940		1,000
HH1 Depth of feed-in	mm	150		110
HH5 Max. lifting height over bucket back with tilted bucket	mm	4,490		4,470
HH6 Dumping height at max. lifting height and dumping angle 45°	mm	2,650		2,600
JJ Free lift height	mm	3,130		3,120
LL Dumping distance at max. lifting height and dumping angle 45°	mm	740		740
LL2 Total length	mm	5,590		5,560
LL3 Dumping distance at max. lifting height and dumping angle 45°	mm	940		1,010
WW2 Max. dumping distance at dumping angle 45°	mm	1,470		1,390
Multipurpose bucket opened:				
DD Dumping distance at max. lifting height and tilted bucket	mm	-		920
HH7 Max. dumping height with tilted bucket	mm	-		3,270
MM Dumping distance at max. lifting height and tilted bucket	mm	-		650

12.2.2 Fork-lift attachment/lifting hook

- Dimensions acc. to ISO 7131/35



12.2.2 Fork-lift attachment

Tine length	1,100 mm
Tine height	850 mm
Tine spacing (centre)	
- min.	215 mm
- max.	1,060 mm
Dead weight	216 kg

Perm. payload N acc. to EN 474-3**max. steering angle, frontally**

- level ground (stability factor 1.25)	2,300 kg
- uneven ground (stability factor 1.67)	1,725 kg

max. steering angle, swivelled

- level ground (stability factor 1.25)	1,970 kg
- uneven ground (stability factor 1.67)	1,480 kg

Perm. payload N acc. to ISO 8313,
frontal

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

swivelled

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

Perm. payload N acc. to EN 474-3, **fork-lift attachment 300 mm above ground****max. steering angle, frontally**

- level ground (stability factor 1.25)	2,580 kg
- uneven ground (stability factor 1.67)	1,940 kg

AA3	Tilt angle	19 °
BB	Min. reach	1,050 mm
CC	Max. reach	1,480 mm
DD	Reach at max. lifting height	760 mm
GG	Free lift height at max. reach	1,440 mm
HH1	Depth of feed-in	170 mm
HH9	Free lift height at max. reach (upper tine edge)	3,170 mm
KK	Max. reach	1,010 mm
LL	Distance between tyre and payload	1,430 mm
LL2	Length	6,160 mm
MM	Reach at max. lifting height	300 mm
PP	Min. free lift height	810 mm

12.2.3 Lifting hook

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

Max. outreach (stability factor 2)

- frontal	1,000 kg
- swivelled	730 kg
Dead weight	147 kg

FF	Max. outreach	3,030 mm
HH	Max. lifting height	4,500 mm
RR	Max. outreach	2,560 mm