

Technical Data (Attachments)

12 Attachments

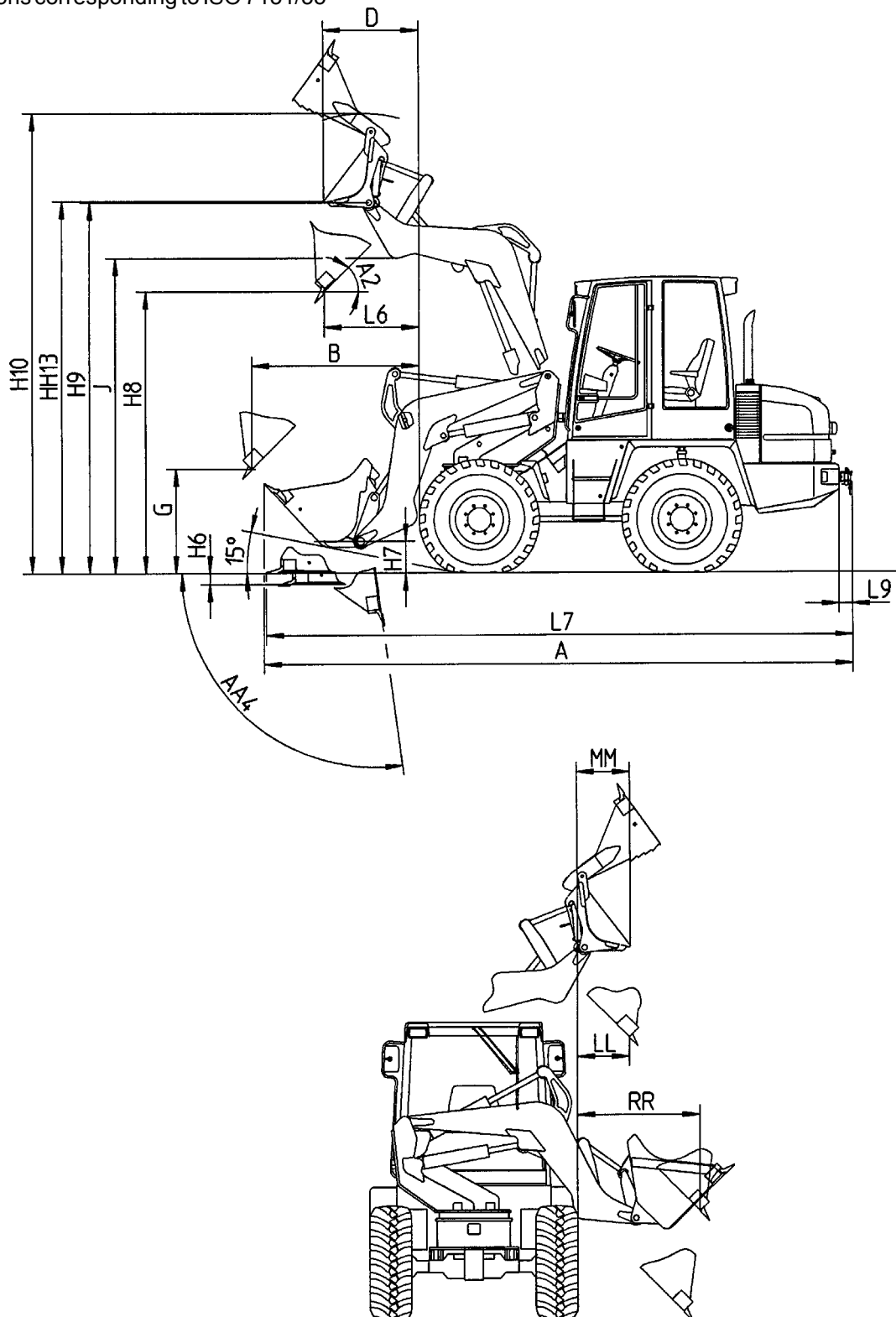


Notes

The technical data assume 17.5-25 12 PR tires

12.1 Buckets

Dimensions corresponding to ISO 7131/35



12.1 Buckets

Bucket type		Bucket I with teeth	Bucket II no teeth	Bucket III no teeth	Muliti-purpose bucket
Bucket volume to DIN/ISO 7546	m³	1,45	2,00	2,40	1,30
- heaped	m³	1,60	2,20	2,65	1,45
Bucket width	mm	2480	2480	2480	2480
Net weight	kg	465	525	575	690
Loads to DIN 24094					
Aggregate density	t/m³	1,9	1,4	1,1	2,0
Dumping load					
- in-line	kg	5630	5480	5390	5300
- swiveled	kg	6010	5820	5670	5600
Lifting load					
- in-line	kg	2815	2740	2695	2650
- lateral	kg	3005	2910	2835	2800
Loads according to ISO 8313					
Aggregate density	t/m³	1,7	1,12	1,0	1,75
Dumping load					
- in-line	kg	5090	4960	4860	4790
- swiveled	kg	4810	4660	4540	4490
Workload					
- in-line	kg	2545	2480	2430	2395
- swiveled	kg	2405	2330	2270	2245
Breakout force according to ISO 8313	kN	80	66	55	73
A Total length	mm	6580	6630	6715	6570
AA4 max. dump in angle	°	100	100	100	100
A2 max. dump in angle	°	53	53	53	53
B max. dump out range					
at dump out angle 45°	mm	1920	2055	2145	1990
G Dump out height at					
max. dump out range.					
and dump out angle 45°	mm	1100	960	870	1035
H6 Penetration	mm	110	110	110	110
H7 Clearance to center lug					
(Quick coupler)	mm	565	565	565	565
H8 Dump out height at max lifting height					
and dump out angle 45°	mm	3075	2935	2845	3010
H9 Clearance to center lug					
(Quick coupler)	mm	3985	3985	3985	3985
H10 max. working height	mm	4975	5165	5290	4950
J Heaped height	mm	3390	3390	3390	3390
LL Dump out range at max. lifting height					
and dump out angle 45°	mm	465	605	690	535
L6 Dump out range at max. lifting height					
and dump out angle 45°	mm	1075	1215	1300	1145
L7 Overall length	mm	6505	6575	6690	6600
L9 Shunting and towing coupling	mm	125	125	125	125
RR Max. dump out range .					
at dump out angle 45°	mm	1410	1545	1635	1480
Multi-purpose bucket open:					
D Dump out range at max. lifting height					
and tilted bucket	mm	-	-	-	870
HH13 max. dump out height					
with tilted bucket	mm	-	-	-	3910
MM Dump out range at max. lifting height					
and tilted bucket	mm	-	-	-	370

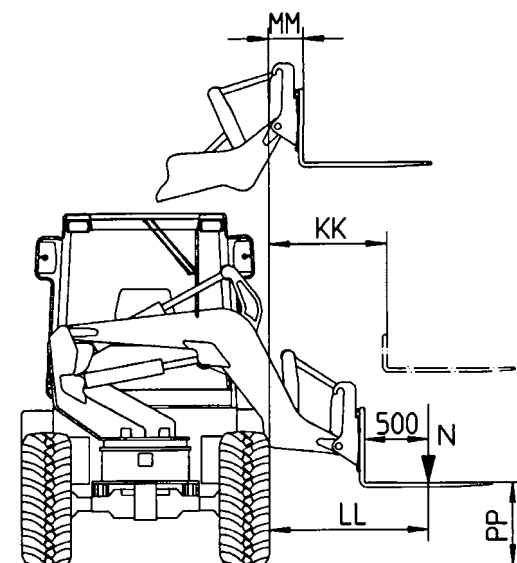
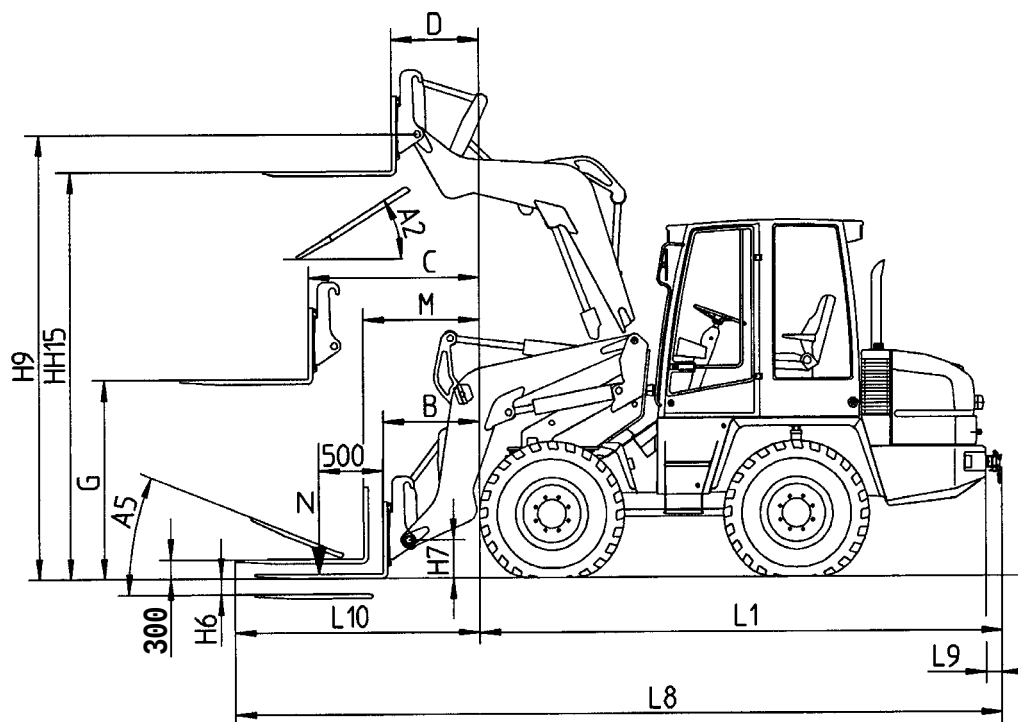


NOTE

- Permissible loads corresponding to **DIN 24094** are included for **purpose of comparison only**.
- Permissible loads corresponding to **ISO 8313** are the **actual loads**.

12.2 Fork-lift attachment

Measurements corresponding to ISO 7131/35



12.2 Fork-lift Attachment

Tine length	1200 mm
Tine height	50 mm
Distance between tines (from center)	
- min.	340 mm
- max.	1340 mm
Weight	310 kg

Max. permissible load N according to DIN 24094

frontal

- even ground (stability factor 1,25)	4025 kg
- uneven ground (stability factor 1,67)	3020 kg

swiveled

- even ground (stability factor 1,25)	3945 kg
- uneven ground (stability factor 1,67)	2960 kg

Max. permissible load N according to ISO 8313

frontal

- even ground (stability factor 1,25)	3750 kg
- uneven ground (stability factor 1,67)	2810 kg

swiveled

- even ground (stability factor 1,25)	3460 kg
- uneven ground (stability factor 1,67)	2595 kg

Max. permissible load N according to ISO 8313, with fork-lift 300 mm over ground

frontal

- even ground (stability factor 1,25)	4460 kg
- uneven ground (stability factor 1,67)	3345 kg

A2	Dump out angle	50 °
A5	Tilt in angle	25 °
B	Min. range	1020 mm
C	Max. range	1615 mm
D	Range at max. lifting height	760 mm
G	Heaped height at max. range	1750 mm
H6	Cutting depth	60 mm
H7	Clearance to center lug (quick coupler)	765 mm
H9	Clearance to center lug (quick coupler)	3995 mm
HH15	Heaped height at max. range (top of fork tines)	3735 mm
KK	Max. range	1110 mm
LL	Clearance between tires and load	1415 mm
L1	Length	4615 mm
L8	Overall length	7015 mm
L9	Shunting and towing coupling	125 mm
L10	Clearance from tires to top of fork tines (height at top of fork tines 300 mm)	2400 mm
M	Range (height at top of fork tines 300 mm)	1195 mm
MM	Range at max. lifting height	305 mm
PP	Heaped height min.	780 mm

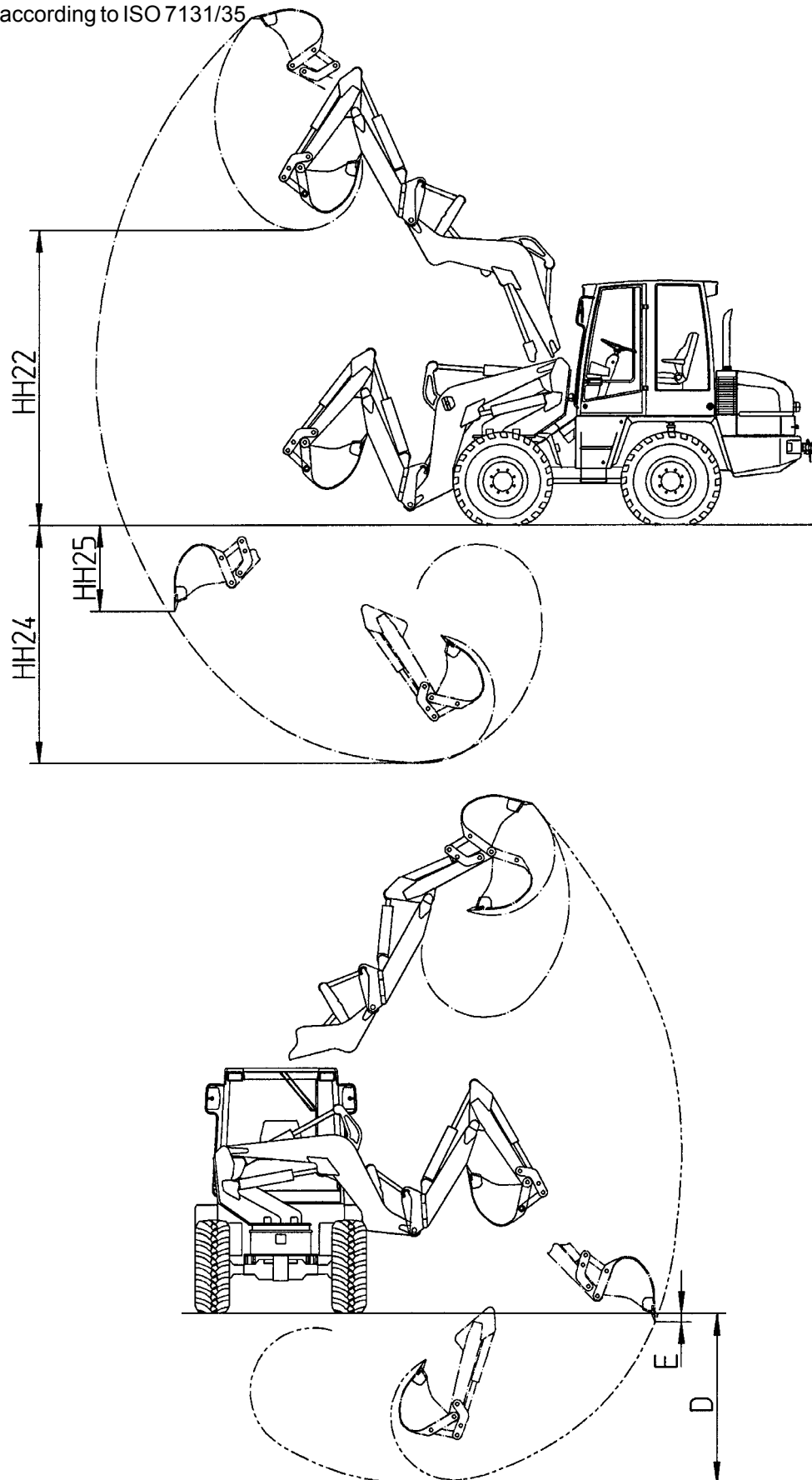


NOTE

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12.3 Front-end Loader

Measurements according to ISO 7131/35



12.3 Front-end loader

Breakout force at cutting edge of bucket max. 3720 daN

Curling force at cutting edge of bucket max. 2830 daN

Bucket volume to DIN ISO 7451	Bucket width to DIN ISO 7451	Net weight
0,06 m ³	300 mm	65 kg
0,09 m ³	400 mm	75 kg
0,12 m ³	500 mm	90 kg
0,14 m ³	600 mm	95 kg
0,17 m ³	700 mm	105 kg

Net weight

- Front-end loader without bucket 435 kg

D Max. digging depth above cutting edge according to DIN ISO 7135 2090 mm

E Penetration ./ mm

HH22 Max. dump out height according to DIN ISO 7135 2920 mm

HH24 Max. digging depth above cutting edge according to DIN ISO 7135 2890 mm

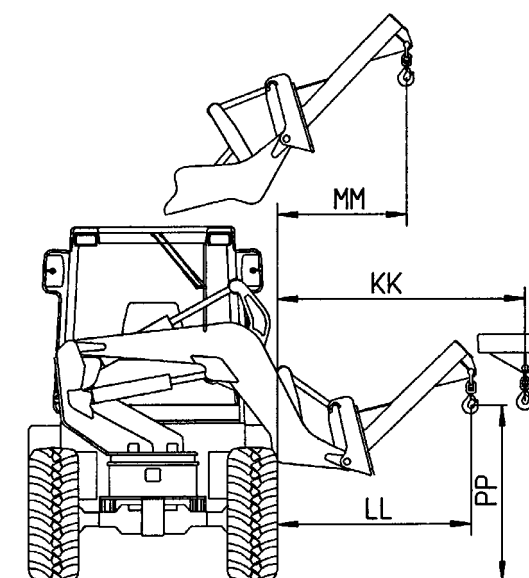
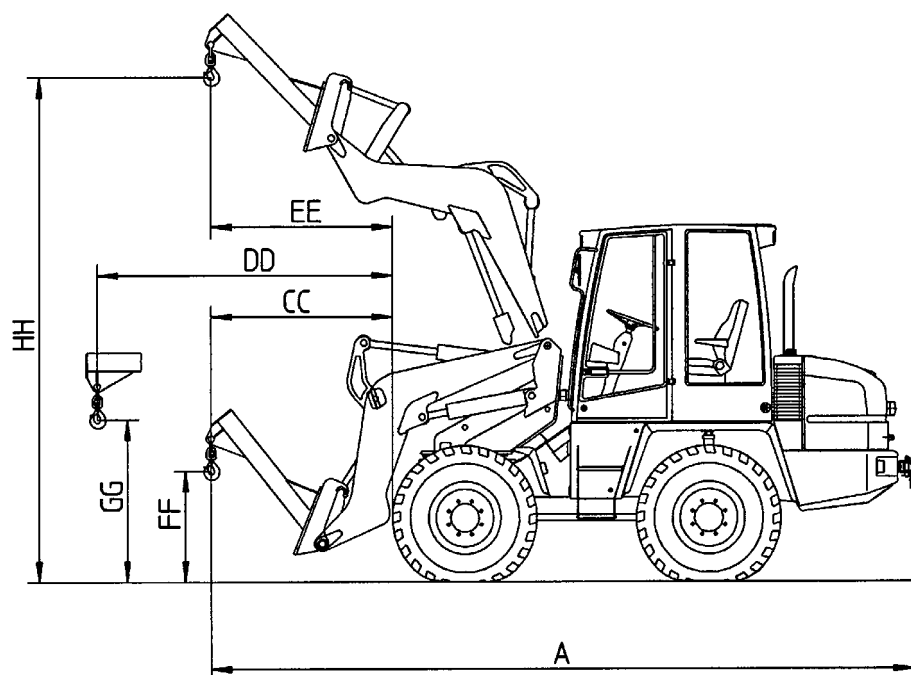
HH25 Penetration 1170 mm

Timing values $n_{\text{engine max.}}$:

- Extend boom 0,9 s
- Retract boom 1,8 s
- Open bucket 0,9 s
- Close bucket 1,8 s

12.4 Lifting Hook

Dimensions according to ISO 7131/35



12.4 Lifting Hook

Max. permissible load according to DIN EN 474-3 (measurement analogous to ISO 8313)

at maximum reach (stability factor 2)

- frontal	1660 kg
- swiveled	1320 kg

Net weight	230 kg
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A	Total length	6515 mm
CC	Min. reach	1895 mm
DD	Max. reach	3335 mm
EE	Max. reach at maximum lifting height	1785 mm
FF	Min. lifting height with tilted quick coupler	1380 mm
GG	Lifting height at max. reach	1670 mm
HH	Max. lifting height	5145 mm
KK	Max. reach	2845 mm
LL	Min. reach	2010 mm
MM	Max. reach at maximum lifting	1260 mm
PP	Lifting height at min. reach	2515 mm