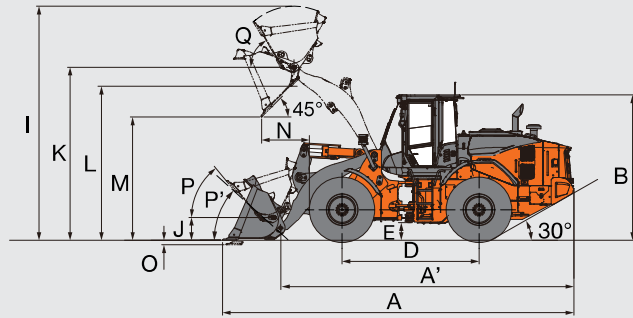
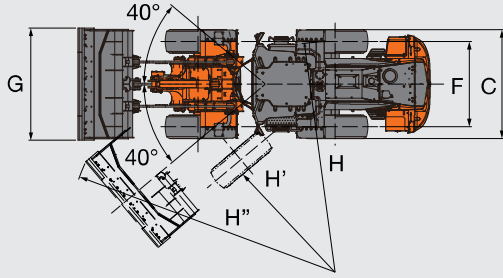


DIMENSIONS & SPECIFICATIONS ZW180-7



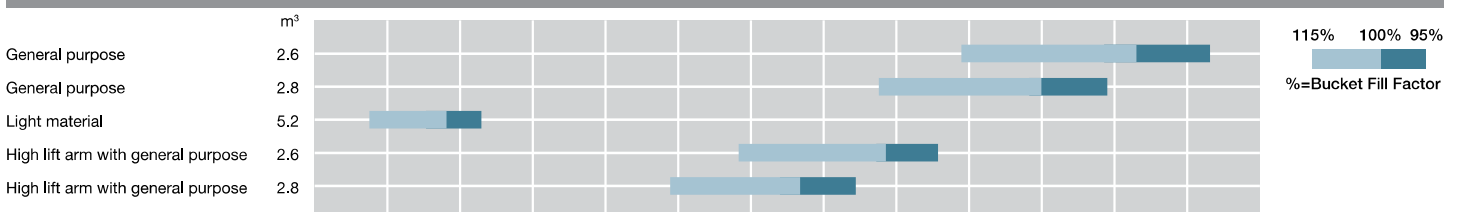
Bucket type			Standard arm					High-lift arm	
			General purpose				High volume	General purpose	
			Weld-on teeth	Bolt-on cutting edge	Weld-on teeth	Bolt-on cutting edge	Bolt-on cutting edge	Bolt-on cutting edge	
Bucket capacity	ISO 7546: 1983 Heaped	m ³	2,6	2,6	2,8	2,8	5,2	2,6	2,8
	ISO 7546: 1983 Struck	m ³	2,2	2,2	2,4	2,4	4,4	2,2	2,4
A Overall length		mm	8 085	7 975	8 135	8 025	8 430	8 470	8 520
A' Overall length (Without Bucket)		mm	6 725	6 725	6 725	6 725	6 725	7 225	7 225
B Overall height	up to cab top	mm	3 310	3 310	3 310	3 310	3 310	3 310	3 310
C Width over tires	outside tire	mm	2 505	2 505	2 505	2 505	2 505	2 505	2 505
D Wheel base		mm	3 100	3 100	3 100	3 100	3 100	3 100	3 100
E Ground clearance	Minimum	mm	400	400	400	400	400	400	400
F Tread		mm	1 930	1 930	1 930	1 930	1 930	1 930	1 930
G Bucket width		mm	2 535	2 535	2 535	2 535	2 950	2 535	2 535
H Turning radius (Centerline of outside tire)		mm	5 235	5 235	5 235	5 235	5 235	5 235	5 235
H' Turning radius to inside of tires		mm	2 995	2 995	2 995	2 995	2 995	2 995	2 995
H'' Loader clearance radius, bucket in carry position		mm	6 145	6 115	6 160	6 130	6 420	6 330	6 345
I Overall operating height	bucket full raise	mm	5 280	5 280	5 345	5 345	5 840	5 685	5 750
J Carry height of bucket pin	at carry position	mm	400	400	400	400	400	400	400
K Height to bucket hinge pin, fully raised		mm	3 925	3 925	3 925	3 925	3 925	4 335	4 335
L Lift arm clearance at max. lift		mm	3 670	3 645	3 670	3 645	3 650	4 055	4 055
M Dumping clearance 45 deg, full height		mm	2 710	2 785	2 675	2 750	2 465	3 190	3 155
N Reach 45 deg dump, full height		mm	1 205	1 095	1 240	1 130	1 415	1 245	1 280
O Digging depth (Horizontal digging angle)		mm	70	95	70	95	95	170	170
P Max. roll back at carry position		deg	47	47	47	47	47	47	47
P' Max. roll back at ground level		deg	43	44	43	44	44	45	45
Q Roll back angle at full height		deg	60	60	60	60	60	53	53
Static tipping load ISO 14397-1: 2007(Section 1-5) *	Straight	kg	12 570	12 440	12 570	12 450	12 040	9 790	9 780
	Full turn	kg	10 880	10 750	10 870	10 750	10 330	8 410	8 400
Breakout force		kN	128	117	122	112	81	107	103
		kgf	13 010	11 920	12 430	11 410	8 300	10 940	10 470
Operating weight * (With ROPS / FOPS Cab)		kg	14 950	15 040	14 960	15 080	15 470	15 240	15 270

Note
 : Static tipping load and operating weight marked with include 20,5R25 (L3) tires (No ballast) with lubricants, full fuel tank and operator.
 Machine stability and operating weight depend on counterweight, tire size and other attachments.

WEIGHT CHANGE

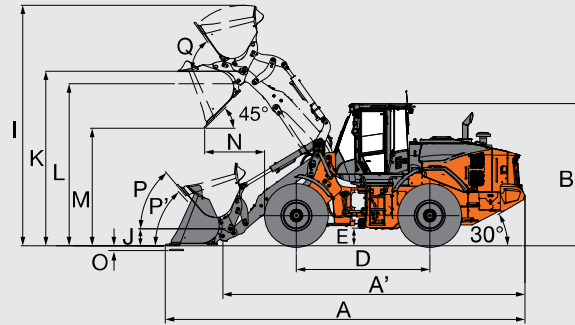
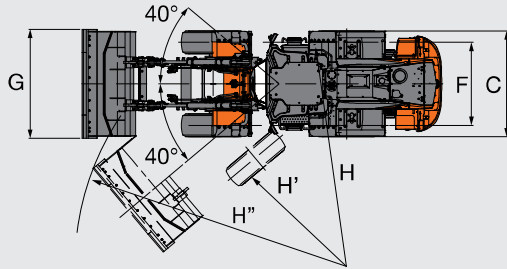
Option item	Operating weight (kg)	Tipping load (kg)		Overall width (mm) (outside tire)	Overall height (mm)	Overall length (mm)
		Straight	Full turn			
Tire	20,5R25(L3) XHA2	±0	±0	±0	±0	±0
	20,5R25(L5) XLDD2A	+460	+370	+320	+15	+25
	20,5R25(L5) XMINED2 PRO	+620	+490	+430	+10	+35
	20,5R25(L2) XSNOPLUS	+70	+70	+60	+5	-10
	20,5R25(L3) VJT	+10	+30	+30	-5	-5
	20,5R25(L3) TL-3A+	+150	+140	+120	+10	-5
Belly guard	+165	+120	+110	±0	±0	±0

BUCKET SELECTION GUIDE



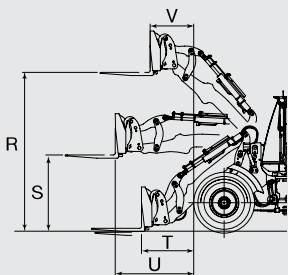
SPECIFICATIONS

DIMENSIONS & SPECIFICATIONS ZW180PL-7



		General purpose						
		Bolt-on cutting edge			Weld-on teeth			
Bucket capacity	ISO 7546: 1983 Heaped	m ³	2.6	2.8	3.1	2.5	2.7	3.0
	ISO 7546: 1983 Struck	m ³	2.3	2.4	2.7	2.2	2.3	2.6
A Overall length		mm	8 330	8 380	8 480	8 450	8 500	8 600
A' Overall length (Without Bucket)		mm	7 020	7 020	7 020	7 020	7 020	7 020
B Overall Height	up to cab top	mm	3 310	3 310	3 310	3 310	3 310	3 310
C Width over tires	outside tire	mm	2 505	2 505	2 505	2 505	2 505	2 505
D Wheel base		mm	3 100	3 100	3 100	3 100	3 100	3 100
E Ground clearance	Minimum	mm	400	400	400	400	400	400
F Tread		mm	1 930	1 930	1 930	1 930	1 930	1 930
G Bucket width		mm	2 535	2 535	2 535	2 535	2 535	2 535
H Turning radius (Centerline of outside tire)		mm	5 235	5 235	5 235	5 235	5 235	5 235
H' Turning radius to inside of tires		mm	2 995	2 995	2 995	2 995	2 995	2 995
H'' Loader clearance radius, bucket in carry position		mm	6 190	6 205	6 230	6 225	6 240	6 270
I Overall operating height	bucket full raise	mm	5 590	5 650	5 720	5 590	5 650	5 720
J Carry height of bucket pin	at carry position	mm	400	400	400	400	400	400
K Height to bucket hinge pin, fully raised		mm	4 050	4 050	4 050	4 050	4 050	4 050
L Lift arm clearance at max. lift		mm	3 760	3 760	3 760	3 760	3 760	3 760
M Dumping clearance 45 deg, full height		mm	2 720	2 690	2 620	2 650	2 610	2 540
N Reach 45 deg dump, full height		mm	1 390	1 420	1 490	1 510	1 540	1 610
O Digging depth (Horizontal digging angle)		mm	110	110	110	80	80	80
P Max. roll back at carry position		deg	50	50	50	50	50	50
P' Max. roll back at ground level		deg	48	48	48	48	48	48
Q Roll back angle at full height		deg	55	55	55	55	55	55
Bucket weight		kg	1 290	1 330	1 390	1 190	1 230	1 290
Static tipping load ISO 14397-1: 2007(Section 1-5) *	Straight	kg	10 770	10 730	10 670	10 930	10 840	10 780
	Full turn	kg	9 260	9 230	9 180	9 400	9 320	9 270
Breakout force		kN	112	108	101	120	116	108
		kgf	11 400	11 000	10 300	12 200	11 800	11 000
Operating weight * (With ROPS / FOPS Cab)		kg	15 610	15 650	15 710	15 510	15 550	15 610

WITH FORK ATTACHMENT



Attachment type		Fork	
R	Max. stacking height	mm	3 830
S	Height of fork at maximum reach	mm	1 810
T	Reach at ground level	mm	1 310
U	Max. reach	mm	1 910
V	Reach at max. stacking height	mm	1 070
Static tipping load	Straight	kgf	8 520
	Full 40 degree turn	kgf	7 390
Max. payload per EN 474-3, 80 %		kg	6 960
Max. payload per EN 474-3, 60 %		kg	5 220
Fork tine length		mm	1 220
Operating weight *		kg	14 980

Note: *: Static tipping load and operating weight marked with* include 20.5R25 (L3) tires (No ballast) with lubricants, full fuel tank and operator. Machine stability and operating weight depend on counterweight, tire size and other attachments.

WEIGHT CHANGE

Option item	Operating weight (kg)	Tipping load (kg)		Overall width (mm) (outside tire)	Overall height (mm)	Overall length (mm)
		Straight	Full turn			
20.5R25(L3) XHA2	±0	±0	±0	±0	±0	±0
20.5R25(L5) XLDD2A	+460	+310	+260	+15	+25	-20
20.5R25(L5) XMINED2 PRO	+620	+410	+350	+10	+35	-30
20.5R25(L2) XSNOPPLUS	+70	+60	+50	+5	-10	+5
20.5R25(L5) VJT	+10	+20	+20	-5	-5	±0
20.5R25(L5) TGA	+150	+110	+100	+10	+10	+10