

OPERATING DATA

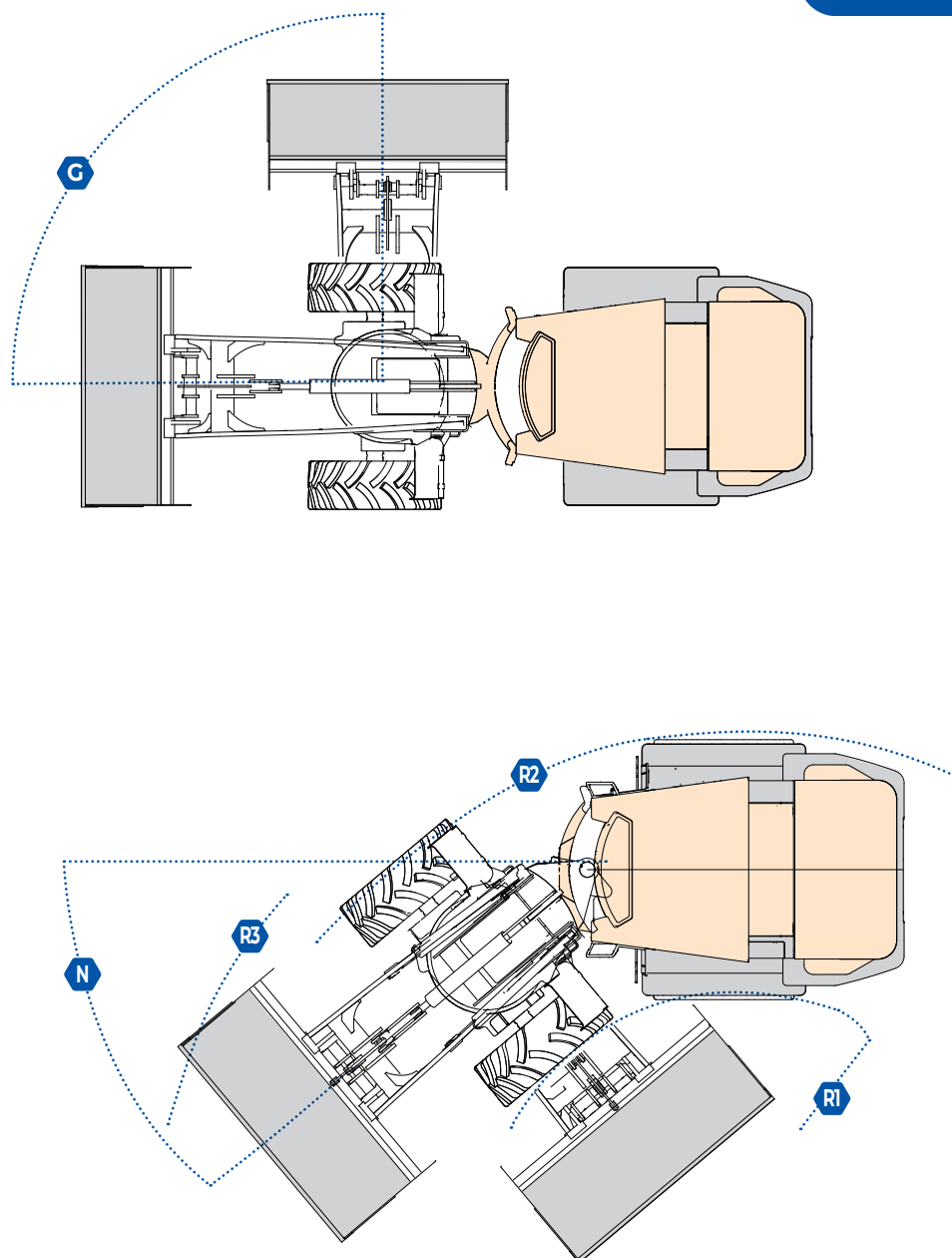
TECHNICAL DATA	SWING LOADERS		TELESCOPIC WHEEL LOADERS		TELESCOPIC SWING LOADERS	
	SL 9075	SL 9088	TL 9065	TL 9078	TSL 9075	TSL 9088
Engine	Deutz	Deutz	Deutz	Deutz	Deutz	Deutz
Type	TD 2,9	TCD 3,6	TD 2,9	TCD 3,6	TD 2,9	TCD 3,6
Output in hp	74.3	114	74.3	114	74.3	114
Nominal speed	2300	2000	2300	2000	2300	2000
Emissions level	V	V	V	V	V	V
Travel drive	<ul style="list-style-type: none"> · Performance regulated, hydrostatic drive with load limit sensing control · Inching function freely adjusted with the rotary potentiometer 					
Speed in mph	12.4	12.4	12.4	12.4	12.4	12.4
· Optional: mph	18.6	18.6	18.6	18.6	18.6	18.6
· Optional: mph <small>(gearbox)</small>	-	24.9	-	24.9	-	24.9
Frame and suspension						
Steering type	Articulated steering					
Steering angle	+/- 40°					
Rear axle pendulum	+/- 10°					
Axles	Planetary rigid axle					
Differential lock 100%	FA+RA	RA	FA+RA	RA	FA+RA	RA
Swing axle lock	Yes	Yes	No	No	Yes	Yes
Standard tyres	405/70-R20					
Brakes						
Service brake	<ul style="list-style-type: none"> · Oil bath multi-disk brake acting on all 4 wheels · Additional braking function via inching and hydrostatic drive, acting on all 4 wheels · 24.9 mph Version with 2-Circuit power brake 					
Parking brake	<ul style="list-style-type: none"> · Electro-hydraulic spring-loaded brake acting on all 4 wheels, automatically activated when the engine is not running and, in the case of 114 hp machines, additionally when the drivers seat is not in use. 					
Starting aid	No	Yes	No	Yes	No	Yes

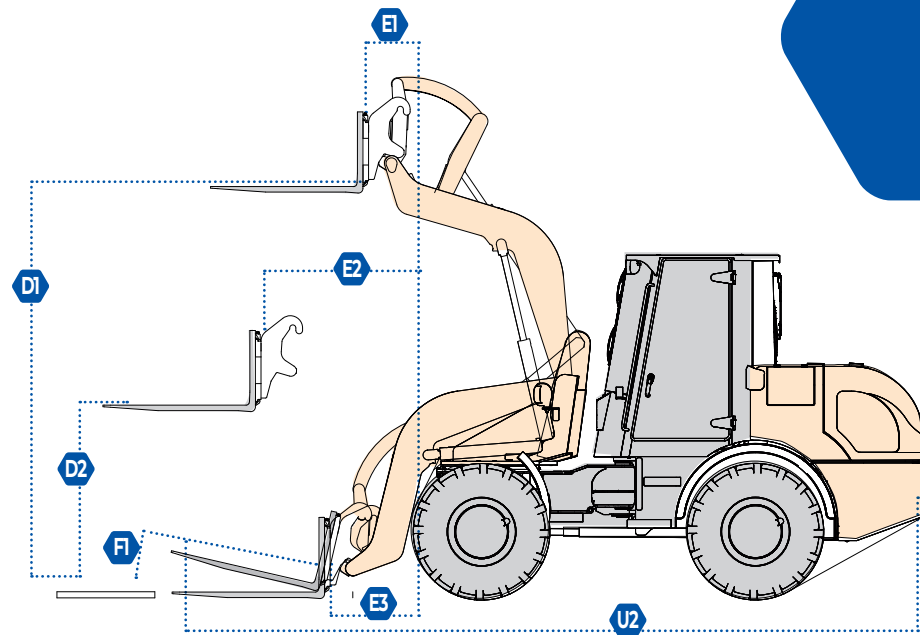
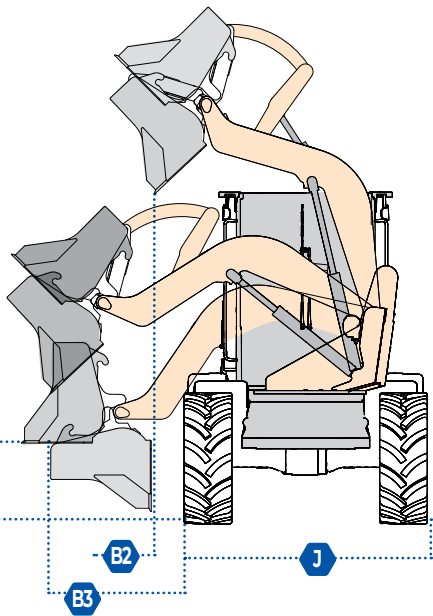
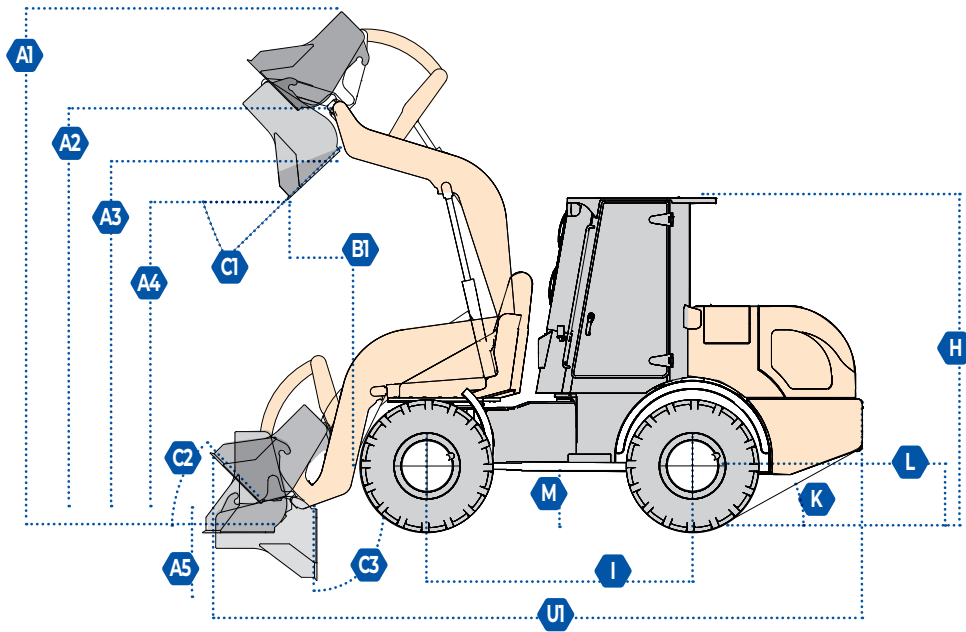
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	SL 9075	SL 9088	TL 9065	TL 9078	TSL 9075	TSL 9088
Hydraulics	<ul style="list-style-type: none"> · Lifting, tipping and slewing cylinder, double-acting · Control unit with electro-hydraulic pilot control · Proportional, load-independent control circuit for quick-change unit and attachments · Paus multifunction Joystick for 1-lever cross-connection for lifting, tipping, (telescopic) and slewing cylinder · Actuation of slewing cylinder by turning-movement of the Joystick · Connectible float position · Auxiliary control circuit pressure relief 					
Pump	ZRP	VP	ZRP	VP	ZRP	VP
Pressure in psi	2900	2900	2900	2900	2900	2900
Delivery rate in gpm	21.1	37	21.1	37	21.1	37
Auxiliary control circuit (optional) gpm	21.1	26.4 alt. 37	21.1	26.4 alt. 37	21.1	26.4 alt. 37
	Flow rate, controlled by potentiometer					

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	SL 9075	SL 9088	TL 9065	TL 9078	TSL 9075	TSL 9088
Service weight in lb	15192	16769	14321	15898	16515	16868
Standard Bucket Volume yd³	1.3	1.6	1.3	1.3	1.3	1.3
Tipping load straight in lb	8798	10970	8269	9592	9032	10165
Tipping load articulated in lb	7398	9217	6769	7762	7629	8522
Payload, 80% PAL (level ground)	4675	6350	See Load diagram			
Payload, 60% PAL (uneven ground)	3506	4763	See Load diagram			
Payload 90° 80% PAL	3493	4675	See Load diagram			
Payload 90° 60% PAL	2620	3506	See Load diagram			

TECHNICAL DATA SL

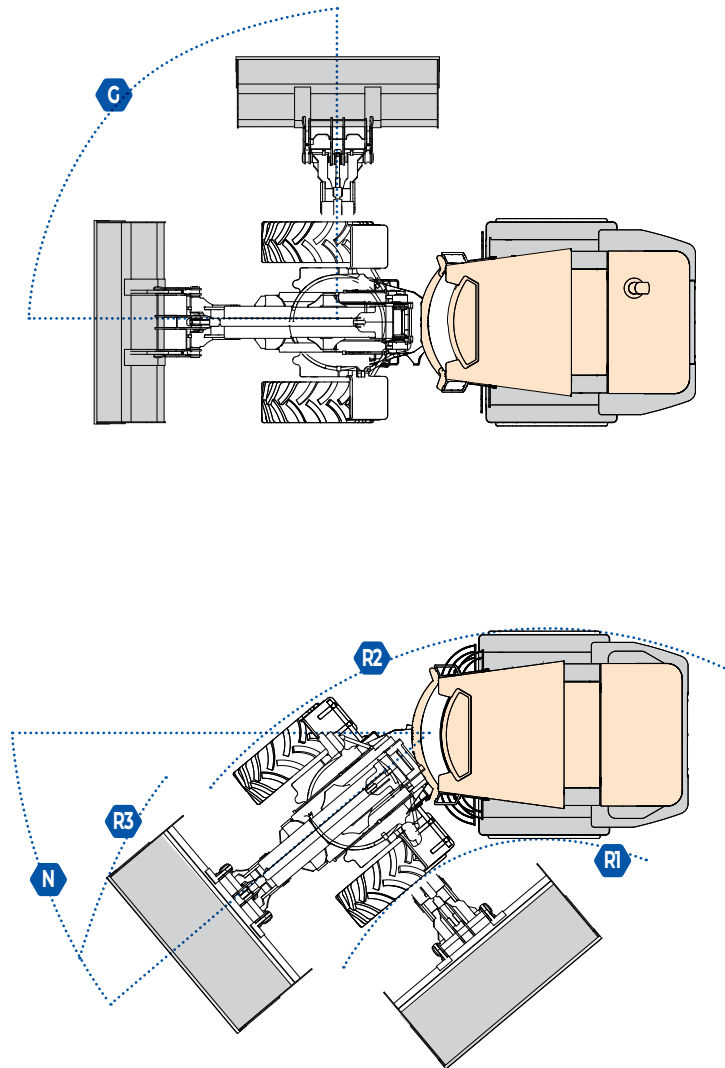
Description	Dimension	SWING LOADERS		Unit
		SL 9075	SL 9088	
Max. overall height	A1	170.5	170.5	in
Max. height attachment pin	A2	138.2	138.2	in
Max dump height over drop side	A3	119.3	119.3	in
Dumping Height	A4	108.3	108.3	in
Digging Depth	A5	2.4	2.4	in
Min. height of bucket base 90°	A6	21.7	21.7	in
Dumping reach, upper	B1	28.1	24.6	in
Dumping reach, upper 90°	B2	12.6	10	in
Dumping reach, max. 90°	B3	46.1	44.3	in
Dumping angle	C1	43	43	°
Filling angle	C2	45	45	°
Tip back angle	C3	90	90	°
Max. stacking height	D1	130.7	130.7	in
Stacking height at max. stacking reach	D2	59.6	59.6	in
Tilting angle/pallet fork	F	13	13	°
Swinging angle	G	90	90	°
Cab height	H	108.3	108.3	in
Wheelbase	I	84.4	88.1	in
Width over tires	J	76.2	81.3	in
Slope angle	K	30	30	°
Static load radius	L	19.3	19.3	in
Ground clearance	M	17.1	17.7	in
Steering angle	N	40	40	°
Turning radius, inner	R1	78	84.1	in
Turning radius, outer	R2	156.7	166.8	in
Turning radius, outer, straight loading system	R3	174	186.8	in
Total length	U1	210.6	216.5	in
Total length/pallet fork	U2	237.8	244.5	in

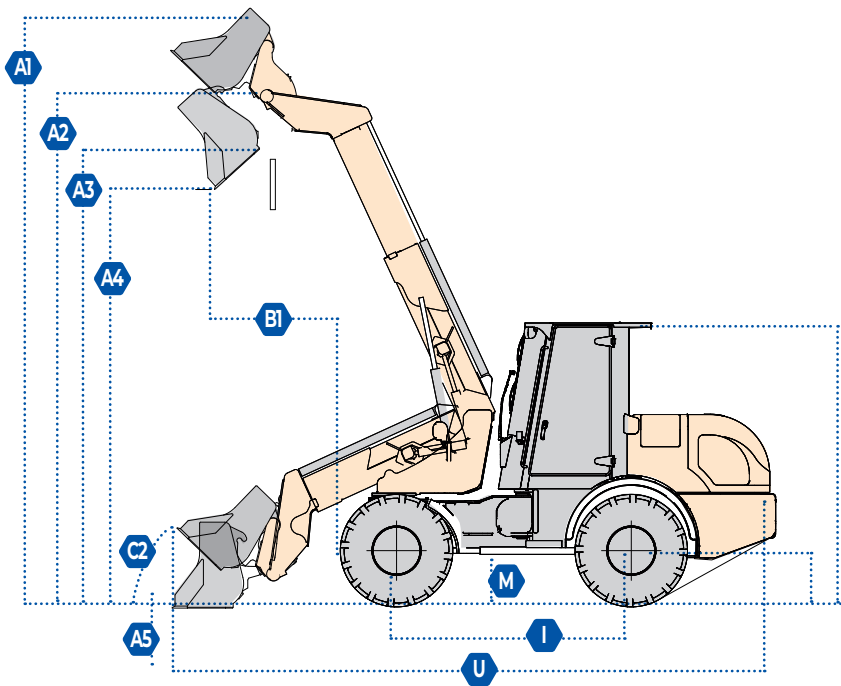
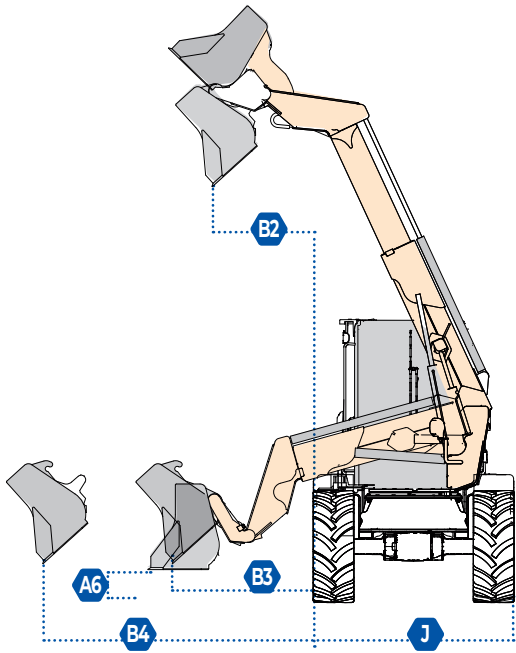




TECHNICAL DATA TL / TSL

Description	Dimension	TELESCOPIC WHEEL LOADERS		TELESCOPIC SWING LOADERS		Unit
		TL 9065	TL 9078	TSL 9075	TSL 9088	
Max. overall height	A1	231,3	231,3	231,3	231,3	in
Max. height attachment pin	A2	196,9	196,9	196,9	196,9	in
Max dump height over drop side	A3	172,2	172,2	172,2	172,2	in
Dumping Height	A4	160,6	160,6	160,6	160,6	in
Undermining depth	A5	3,1	3,1	3,1	3,1	in
Min. height of bucket base 90°	A6	-	-	10,2	10,2	in
Dumping reach, upper	B1	49,2	49,2	49,2	49,2	in
Dumping reach, upper 90°	B2	-	-	39,4	39,4	in
Dumping reach, min. 90°	B3	-	-	55,1	55,1	in
Dumping reach, max. 90°	B4	-	-	106,3	106,3	in
Dumping angle	C1	44	44	44	44	°
Filling angle	C2	44	44	44	44	°
Max. stacking height	D1	190,2	190,2	190,2	190,2	in
Max. stacking height	D2	144,1	144,1	144,1	144,1	in
Swinging angle	G	-	-	90	90	°
Cab height	H	108,3	108,3	108,3	108,3	in
Wheelbase	I	91,7	91,7	91,7	91,7	in
Width over tires	J	78,7	78,7	78,7	78,7	in
Slope angle	K	1,2	1,2	1,2	1,2	in
Static load radius	L	19,3	19,3	19,3	19,3	in
Ground clearance	M	17,3	17,3	17,3	17,3	in
Steering angle	N	40	40	40	40	°
Turning radius, inner	R1	85,0	89,8	85,0	89,8	in
Turning radius, outer	R2	168,5	172,0	168,5	172,0	in
Turning radius, outer, straight loading system	R3	186,2	189,0	186,2	189,0	in
Total length	U	228,5	233,9	228,5	233,9	in
Centre of gravity	X	19,7	19,7	19,7	19,7	in

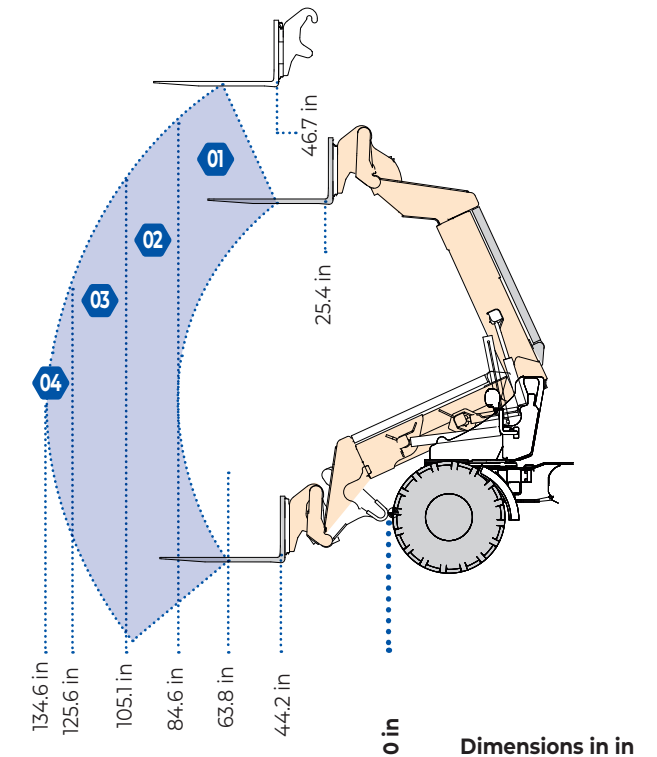




LOAD CAPACITY DIAGRAMS

STRAIGHT LOADING POSITION (TSL + TL)								
PAYLOAD EN-474-3 80 % IN lb								
Range	TSL 9075		TSL 9088		TL 9065		TL 9078	
	Steering articulated	Steering straight	Steering articulated	Steering straight	Steering articulated	Steering straight	Steering articulated	Steering straight
01	4763	5292	5402	5402	4339	5292	4983	5402
02	3852	4626	4381	5288	3411	4348	3881	4968
03	3389	4070	3854	4653	3001	3823	3416	4370
04	2822	3440	3175	3881	2417	3228	2719	3643

Payloads in lb according to EN-474-3 80 %, load centre of gravity 19.7 in to fork back



LOADING POSITION 90° (TSL)				
Range	TSL 9075		TSL 9088	
	Steering articulated	Steering straight	Steering articulated	Steering straight
05	2822	3175	2911	3352
06	2057	2381	2093	2573
07	1742	2015	1773	2179
08	1323	1588	1323	1764

Payloads in lb according to EN-474-3 80 %, load centre of gravity 19.7 in to fork back

