

# Manufacturer specifications and quality characteristics

				TERRA / LANCER			
Identification	1	Name of manufacturer / Product line					
	2	Model		HSL 120/16	HSL 120(150)/16		
	3	Load capacity	Q without/with stabilisers	t	12/-	12/15	
	4	Load center	c	mm	800	800	
	5	Power supply	diesel				
	6	Type of control	rider controlled				
	7	Tyres	V-solid, L-pneumatic, front/rear		L / L	L / L	
	8	Wheels	front/rear (X=drive wheel)		2/2X	2/2X	
Dimensions	9	Lift	h3 lift height	mm	4000	4000	
	10		h2 free lift	mm	no	no	
	11	Carriage	fork spread max/min		mm	500 - 1640	400 - 1640
	12	Fork dimensions			mm	70/250/1600	100/200/1600
	13	Tilt angle	down/up		Grad	4,5/4,5°	4,5/4,5°
	14	Over all dimensions	L	overall length	mm	6300	6300
	15		B	overall width	mm	2550	2550
	16		h1	mast fully lowered	mm	3320	3320
	17		h4	mast fully extended	mm	5350	5350
	18		h6	overall height cabin	mm	3270	3270
	19		b	platform width	mm	1600	1600
	20	Platform	M	well width	mm	1800	1800
	21		P	platform height	mm	1380*	1380*
	22		T	fork face standout	mm	100	100
	23	Mast reach	V	traverse stroke	mm	1700	1700
	24		Lü	rear overhang	mm	1640	1640
	25	Turning radius	outer/inner		mm	6020/1330	6020/1330
	26		Ast		mm	2750	2750
	27	Right angle stacking aisle	A1 right angle intersecting aisle		mm	5290	5290
	28		A2 90°turning in the aisle		mm	7860	7860
Capacity	29	travel speed with/without load		km/h	21/23	20/22	
	30	lifting speed with/without load		m/s	0,35/0,40	0,30/0,35	
	31	lowering speed with/without load		m/s	0,50/0,30	0,50/0,30	
	32	traverse speed		m/s	0,3	0,3	
	33	Drawbar pull			daN	5000	5000
Weight	34	Gradeability	with/without load		%	16/25	14/24
	35	Truck weight	without load		kg	20580	21080
	36	Laden weight	front		kg	15180	16930
	37	Laden weight	rear		kg	17400	19150
Chassis	38			front/rear	Stk.	2/2	2/2
	39	Tyres	size front			14.00-20	14.00-20
	40		size rear			14.00-20	14.00-20
	41	Wheelbase	y	mm	3730	3730	
	42	Track	front/rear		mm	2100	2100
	43	Ground clearance	under mast		mm	270	270
	44		at the lowest point		mm	300	300
45	Service brake	front/rear		hydraulic / hydrostatic			
Transmission	46	Parking brake			electric-hydraulic		
	47	Battery	model		start battery		
	48		V/Ah		24/135		
	49	Engine	manufacturer/model		Deutz TCD 2013 L04 2V		
	50		maximum power (DIN 70020)		kW(HP)	113 (153)	
	51		at revolutions per min		1/min	2300	
	52		no. of cylinders/displacement			4/4764	
	53	Transmission			hydrostatic		
	54				infinitely variable		
	55	Standstability	EN 1726-1, EN 1551		yes		

Specifications are subject to change without notice. \* with wood platform

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