

Manufacturer specifications and quality characteristics

				TERRA / LANCER				
Identification	1	Name of manufacturer / Product line						
	2	Model		HSL 150/16	HSL 150(180)/16			
	3	Load capacity	Q without/with stabilisers	t	15/-	15/18		
	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	400 - 1600	500 - 1600	
	12	Fork dimensions			mm	100/200/1600	100/250/1600	
	13	Tilt angle	down/up		Grad	4,5/4,5°	4,5/4,5°	
	14	Over all dimensions	L	overall length	mm	6850	6850	
	15		B	overall width	mm	2650	2650	
	16		h1	mast fully lowered	mm	3600	3600	
	17		h4	mast fully extended	mm	5640	5640	
	18		h6	overall height cabin	mm	3440	3440	
	19		b	platform width	mm	1600	1600	
	20	Platform	M	well width	mm	1800	1800	
	21		P	platform height	mm	1550*	1550*	
	22		T	fork face standout	mm	100	100	
	23	Mast reach	V	traverse stroke	mm	1700	1700	
	24		Lü	rear overhang	mm	1800	1800	
	25	Turning radius	outer/inner		mm	6990/2360	6990/2360	
	26		Ast		mm	2850	2850	
	27	Right angle stacking aisle	A1 right angle intersecting aisle		mm	5530	5530	
	28		A2 90°turning in the aisle		mm	8990	8990	
Capacity	29	travel speed with/without load		km/h	22/24	21/23		
	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	6000	6000	
Weight	34	Gradeability	with/without load		%	15/24	14/24	
	35	Truck weight	without load		kg	25380	25880	
	36	Laden weight	front		kg	18390	20140	
	37	Laden weight	rear		kg	21990	23740	
Chassis	38			front/rear	Stk.	2/2	2/2	
	39	Tyres	size front			14.00-24	14.00-24	
	40		size rear			14.00-24	14.00-24	
	41	Wheelbase	y	mm	4010	4010		
	42	Track	front/rear		mm	2200	2200	
	43	Ground clearance	under mast		mm	300	300	
	44		at the lowest point		mm	400	400	
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 L06 2V			
	50		maximum power (DIN 70020)		kW(HP)	173 (235)		
	51		at revolutions per min		1/min	2300		
	52		no. of cylinders/displacement			6/7140		
	53	Transmission			hydrostatic			
	54			infinitely variable				
	55	Standstability	EN 1726-1, EN 1551		yes			

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

2007-03-01

