

Manufacturer specifications and quality characteristics

| | | | | TERRA / LANCER | | | | |
|----------------|---------------|-------------------------------------|-----------------------------------|-------------------------|-----------------------|-------------|-------------|--|
| Identification | 1 | Name of manufacturer / Product line | | | | | | |
| | 2 | Model | | HSL 100/16 | HSL 100(120)/16 | | | |
| | 3 | Load capacity | Q without/with stabilisers | t | 10/- | 10/12 | | |
| | 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 - 1640 | 500 - 1640 | |
| | 12 | Fork dimensions | | | mm | 70/200/1600 | 70/250/1600 | |
| | 13 | Tilt angle | down/up | | Grad | 4,5/4,5° | 4,5/4,5° | |
| | 14 | Over all dimensions | L | overall length | mm | 6150 | 6150 | |
| | 15 | | B | overall width | mm | 2450 | 2450 | |
| | 16 | | h1 | mast fully lowered | mm | 3320 | 3320 | |
| | 17 | | h4 | mast fully extended | mm | 5350 | 5350 | |
| | 18 | | h6 | overall height cabin | mm | 3170 | 3170 | |
| | 19 | | b | platform width | mm | 1600 | 1600 | |
| | 20 | Platform | M | well width | mm | 1800 | 1800 | |
| | 21 | | P | platform height | mm | 1280* | 1280* | |
| | 22 | | T | fork face standout | mm | 100 | 100 | |
| | 23 | Mast reach | V | traverse stroke | mm | 1700 | 1700 | |
| | 24 | | Lü | rear overhang | mm | 1620 | 1620 | |
| | 25 | Turning radius | outer/inner | | mm | 5930/1340 | 5930/1340 | |
| | 26 | | Ast | | mm | 2650 | 2650 | |
| | 27 | Right angle stacking aisle | A1 right angle intersecting aisle | | mm | 5190 | 5190 | |
| | 28 | | A2 90°turning in the aisle | | mm | 7750 | 7750 | |
| Capacity | 29 | travel speed with/without load | | km/h | 21/23 | 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 | 5000 | 5000 | |
| Weight | 34 | Gradeability | with/without load | | % | 20/33 | 18/31 | |
| | 35 | Truck weight | without load | | kg | 15860 | 16860 | |
| | 36 | Laden weight | front | | kg | 11680 | 13180 | |
| | 37 | Laden weight | rear | | kg | 14180 | 15680 | |
| Chassis | 38 | | | front/rear | Stk. | 2/2 | 2/2 | |
| | 39 | Tyres | size front | | | 12.00-20 | 12.00-20 | |
| | 40 | | size rear | | | 12.00-20 | 12.00-20 | |
| | 41 | Wheelbase | y | mm | 3660 | 3660 | | |
| | 42 | Track | front/rear | | mm | 2100 | 2100 | |
| | 43 | Ground clearance | under mast | | mm | 270 | 270 | |
| | 44 | | at the lowest point | | mm | 250 | 250 | |
| 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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