

Manufacturer specifications and quality characteristics

| | | TERRA / LANCER | | | |
|----------------|----------------------------|--|----------------------------------|---|---|
| Identification | 1 | Name of manufacturer / Product line | | | |
| | 2 | Model | | | |
| | 3 | Load capacity | Q without stabilisers | <i>t</i> | LQ 60/14 (12) LQ 70/14(12) LQ 80/14(16) |
| | 4 | Load center | <i>c</i> | <i>mm</i> | 6 7 8 |
| | 5 | Power supply | | | 700 (600) 700 (600) 700 (800) |
| | 6 | Type of control | | | diesel |
| | 7 | Tyres | V-solid, L-pneumatic, front/rear | | L / L L / L L / L |
| | 8 | Wheels | front/rear (X=drive wheel) | | 2/2X 2/2X 2/2X |
| Dimensions | 9 | Lift | <i>h3</i> lift height | <i>mm</i> | 4000 4000 4000 |
| | 10 | | <i>h2</i> free lift | <i>mm</i> | no no no |
| | 11 | Carriage | fork spread max/min | <i>mm</i> | 360 - 1420 360 - 1420 400 - 1420 |
| | 12 | Fork dimensions | | <i>mm</i> | 60/180/1400 (1200) 60/180/1400 (1200) 70/200/1400 (1600) |
| | 13 | Tilt angle | down/up | <i>Grad</i> | 4,5/4,5° 4,5/4,5° 4,5/4,5°(3,8/3,8°) |
| | 14 | Over all dimensions | <i>L</i> overall length | <i>mm</i> | 4850 4850 4850 |
| | 15 | | <i>B</i> overall width | <i>mm</i> | 2200 (2000) 2230 (2030) 2260 (2460) |
| | 16 | | <i>h1</i> mast fully lowered | <i>mm</i> | 2865 2865 2865 |
| | 17 | | <i>h4</i> mast fully extended | <i>mm</i> | 4970 4970 4970 |
| | 18 | | <i>h6</i> overall height cabin | <i>mm</i> | 2790 2790 2790 |
| | 19 | | Platform | <i>b</i> platform width | <i>mm</i> |
| | 20 | <i>M</i> well width | | <i>mm</i> | 1500 1500 1500 |
| | 21 | <i>P</i> platform height | | <i>mm</i> | 1030* 1030* 1030* |
| | 22 | Mast reach | <i>T</i> fork face standout | <i>mm</i> | 100 100 100 |
| | 23 | | <i>V</i> traverse stroke | <i>mm</i> | 1500 (1300) 1500 (1300) 1500 (1700) |
| | 24 | Rear overhang | <i>Lü</i> | <i>mm</i> | 1210 1210 1210 |
| | 25 | Turning radius | outer/inner | <i>mm</i> | 4600 (4480)/680 4620 (4500)/680 4640 (4760)/680 |
| | 26 | | <i>Ast</i> | <i>mm</i> | 2400 (2200) 2430 (2230) 2460 (2660) |
| 27 | Right angle stacking aisle | <i>A1</i> right angle intersecting aisle | <i>mm</i> | 4330 (4210) 4350 (4230) 4370 (4490) | |
| 28 | | <i>A2</i> 90° turning in the aisle | <i>mm</i> | 6010 (5890) 6030 (5910) 6050 (6170) | |
| Capacity | 29 | travel speed with/without load | | <i>km/h</i> | 20/22 20/22 20/22 |
| | 30 | lifting speed with/without load | | <i>m/s</i> | 0,35/0,40 0,30/0,35 0,30/0,35 |
| | 31 | lowering speed with/without load | | <i>m/s</i> | 0,50/0,30 0,50/0,30 0,50/0,30 |
| | 32 | traverse speed | | <i>m/s</i> | 0,30 0,30 0,30 |
| | 33 | Drawbar pull | | <i>daN</i> | 2600 2800 3000 |
| 34 | Gradeability | with/without load | | % | 18/28 16/27 15/27 |
| Weight | 35 | Truck weight | without load | <i>kg</i> | 9690 (9490) 10850 (10650) 11600 (11800) |
| | 36 | Laden weight | front | <i>kg</i> | 7060 (6960) 8405 (8305) 9280 (9380) |
| | 37 | Laden weight | rear | <i>kg</i> | 8630 (8530) 9445 (9345) 10320 (10420) |
| Chassis | 38 | Tyres | front/rear | <i>Stk.</i> | 2/2 2/2 2/2 |
| | 39 | | size front | | 300-15 355/65-15** 355/65-15** |
| | 40 | | size rear | | 300-15 355/65-15** 355/65-15** |
| | 41 | Wheelbase | <i>y</i> | <i>mm</i> | 2940 2940 2940 |
| | 42 | Track | front/rear | <i>mm</i> | 1850/1885 (1650/1685) 1800/1835 (1600/1635) 1800/1835 (2000/2035) |
| | 43 | Ground clearance | under mast | <i>mm</i> | 230 230 230 |
| | 44 | | at the lowest point | <i>mm</i> | 190 190 190 |
| 45 | Service brake | front/rear | | | hydraulic / hydrostatic |
| Transmission | 46 | Parking brake | | | electric-hydraulic |
| | 47 | Battery | model | | start battery |
| | 48 | | <i>V/Ah</i> | | 12/120 12/120 |
| | 49 | Engine | manufacturer/model | | Perkins 1104C-44 Perkins 1104C-44T |
| | 50 | | maximum power (DIN 70020) | <i>kW(HP)</i> | 61,5/83,5 74,5/101 |
| | 51 | | at revolutions per min | <i>1/min</i> | 2200 2200 |
| | 52 | | no. of cylinders/displacement | | 4/4400 4/4400 |
| | 53 | Transmission | | | |
| 54 | | | | | infinitely variable |
| 55 | Standstability | EN 1726-1, EN 1551 | | | yes |

Specifications are subject to change without notice. * with wood platform ** 32x12.1-15

2007-03-01

