

↕ IRION LANCER JUMBO

bulmor
strong sideloader solutions



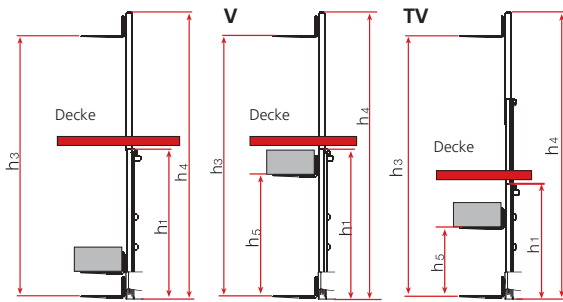
Technical
Information

**Sideloader
DQrc 50-60**



www.bulmor.com

Sideloader DQrc 50-60



Mast Matrix Sideloaders 5 to. & 6 to.
mast fully lowered, mast fully extended, free lift

DQrc 50 // DQrc 60 *

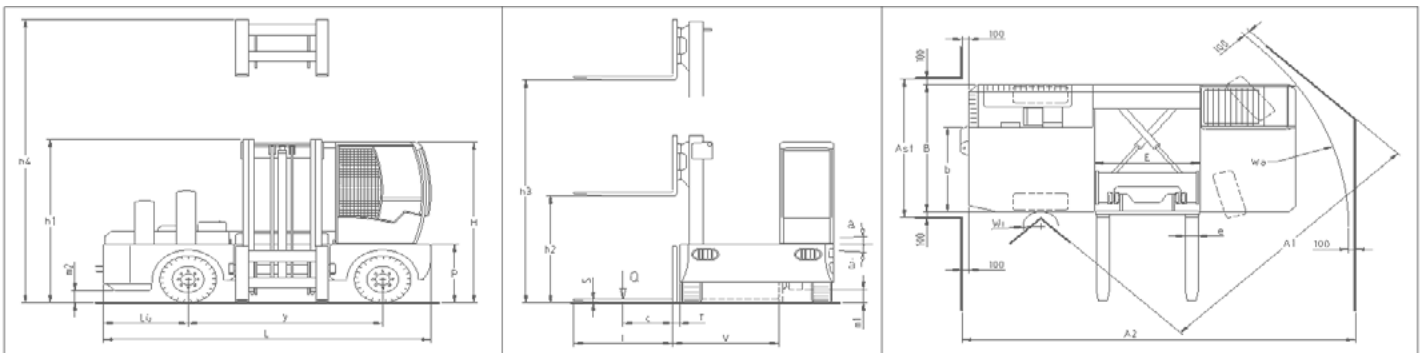
| | Lift height (h3) | Height lowered (h1) | Height extended (h4) ** | Free lift (h5) ** |
|--------------------------------|------------------|---------------------|-------------------------|-------------------|
| Duplex-Mast without freelif | 4000 | 2830 // 2890 | 4970 // 4970 | 0 |
| | 4500 | 3080 // 3140 | 5470 // 5470 | 0 |
| | 5000 | 3330 // 3390 | 5970 // 5970 | 0 |
| | 5500 | 3580 // 3640 | 6470 // 6470 | 0 |
| | 6000 | 3830 // 3890 | 6970 // 6970 | 0 |
| Duplex- Freelif-Mast | 4000 | 2850 // 2940 | 4970 // 4970 | 1880 // 1970 |
| | 4500 | 3100 // 3190 | 5565 // 5470 | 2035 // 2220 |
| | 5000 | 3350 // 3440 | 6065 // 5970 | 2285 // 2470 |
| | 5500 | 3600 // 3690 | 6565 // 6470 | 2535 // 2720 |
| | 6000 | 3850 // 3940 | 7065 // 6970 | 2785 // 2970 |
| Triplex-Mast | 4500 | 2400 // 2540 | 5470 // 5470 | 1430 // 1570 |
| | 5000 | 2560 // 2700 | 5970 // 5970 | 1590 // 1730 |
| | 5500 | 2730 // 2870 | 6470 // 6470 | 1760 // 1900 |
| | 6000 | 2900 // 3040 | 6970 // 6970 | 1930 // 2070 |
| | 6500 | 3060 // 3200 | 7470 // 7470 | 2090 // 2230 |
| | 7000 | 3230 // 3370 | 7970 // 7970 | 2260 // 2400 |
| | 7500 | 3400 // 3540 | 8470 // 8470 | 2430 // 2570 |
| 8000 | 3560 // 3700 | 8970 // 8970 | 2590 // 2730 | |

* ... and identical types in construction

** ... with standard carriage

LIFTING CAPACITY DQrc 50 / DQrc 60

| Platform width (mm) | Lift height (mm) | | | | | | | | |
|------------------------|------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | 4 | 4,5 | 5 | 5,5 | 6 | 6,5 | 7 | 7,5 | 8 |
| 1200 | 5000/6000 | 4650/5640 | 4400/5370 | 4170/5110 | 3940/4860 | 3720/4610 | 3510/4380 | 3310/4160 | 3120/3940 |
| 1400 | 5000/6000 | 4700/5710 | 4460/5440 | 4220/5180 | 3990/4920 | 3770/4680 | 3560/4440 | 3360/4210 | 3160/3990 |
| 1600 | 5000/6000 | 4760/5780 | 4510/5510 | 4270/5240 | 4040/4980 | 3820/4740 | 3600/4500 | 3400/4270 | 3200/4050 |



Manufacturer specifications and quality characteristics

| | | | | Bulmor industries GmbH | | |
|-----------------|---------------|--------------------|--|-----------------------------|-----------------------|-----------------------|
| Characteristics | 1 | Manufacturer | | Bulmor industries GmbH | | |
| | 2 | Type | manufacturer's type designation | DQrc 50/14 (12) | DQrc 60/14 (12) | |
| | 3 | Lifting capacity | Q without stabilisers | t | 5 | 6 |
| | 4 | Load centre | c distance | mm | 700 (600) | 700 (600) |
| | 5 | Drive | diesel, LPG, electro | | | |
| | 6 | Operator position | rider controlled | | | |
| | 7 | Type of steering | V-solid rubber, L-pneumatic, front/rear | | L / L | L / L |
| | 8 | Wheels | number front/rear (X= drive wheels) | | 2/2X | 2/2X |
| Dimensions | 9 | Lift | h3 lift height | mm | 4000 | 4000 |
| | 10 | | h2 free lift | mm | No | No |
| | 11 | Fork carriage | fork spread | mm | 360 - 1270 | 360 - 1420 |
| | 12 | Fork dimensions | W/D/L | mm | 50/180/1400 (1200) | 60/180/1400 (1200) |
| | 13 | Tilt of mast | forward/backward | degree | ±3,7° (±4,6°) | ±3,7° (±4,6°) |
| | 14 | Overall dimensions | L Overall length | mm | 4610 | 4760 |
| | 15 | | B Overall width | mm | 2200 (2000) | 2260 (2060) |
| | 16 | | h1 height, mast lowered | mm | 2830 | 2890 |
| | 17 | | h4 height, mast extended | mm | 4970 | 4970 |
| | 18 | | H overall height cabin | mm | 2750 | 2750 |
| | 19 | Platform | b platform width | mm | 1400 (1200) | 1400 (1200) |
| | 20 | | E well width | mm | 1350 | 1500 |
| | 21 | | P platform height | mm | 1030** | 1030** |
| | 22 | Mast reach | T fork face stand out | mm | 100 | 100 |
| | 23 | | V traverse stroke | mm | 1500 (1300) | 1500 (1300) |
| | 24 | Overhang length | Lü | mm | 1200 | 1200 |
| | 25 | Turning radius | outer/inner | mm | 4460 (4340) | 4650 (4530) |
| | 26 | Aisle width | Ast for driving straight line | mm | 2400 (2200) | 2460 (2260) |
| | 27 | | A1 for 90° turning | mm | 4140 (4020) | 4290 (4170) |
| | 28 | | A2 for 90° turning within aisle | mm | 5860 (5740) | 6050 (5930) |
| Performance | 29 | Speed | travel speed with/without load | km/h | 18/20 | 18/20 |
| | 30 | | lift speed with 80% max. load/without load | m/s | 0,25/0,30 | 0,25/0,30 |
| | 31 | | lowering speed with/without load | m/s | 0,5/0,3 | 0,5/0,3 |
| | 32 | | traverse speed | m/s | 0,3 | 0,3 |
| 33 | Drawbar pull | | daN | 1750 | 1750 | |
| 34 | Gradeability | with/without load | % | 10/20 | 8/18 | |
| Weight | 35 | Machine weight | without load | kg | 8390 (8170) | 9370 (9210) |
| | 36 | laden weight | front axle | kg | 6040 (5960) | 6870 (6570) |
| | 37 | laden weight | rear axle | kg | 7290 (7210) | 8500 (8460) |
| Chassis | 38 | Tyres | number front/rear | pcs. | 2/2 | 2/2 |
| | 39 | | dimension front | | 8.25-15 | 300-15 |
| | 40 | | dimension rear | | 8.25-15 | 300-15 |
| | 41 | Wheelbase | y | mm | 2840 | 2840 |
| | 42 | Track | front/rear | mm | 1930/1920 (1730/1720) | 1850/1860 (1650/1660) |
| | 43 | Ground clearance | with load m1 below mast | mm | 200 | 200 |
| | 44 | | with load m2 mid wheelbase | mm | 365 | 365 |
| 45 | Service brake | front/rear | hydraulic / hydrostatic | | | |
| Transmission | 46 | Parking brake | rear | electrohydraulic | | |
| | 47 | Battery | | start battery | | |
| | 48 | | voltage/capacity | V/Ah | 12/75 | |
| | 49 | Engine | manufacturer/model | Deutz TD 2.9 L4 Common Rail | | |
| | 50 | | max. rated power to DIN 70020 | kW(PS) | 55 (75) | |
| | 51 | | rated speed | 1/min | 2600 | |
| | 52 | | cylinders/capacity (ccm) | | 4/2900 | |
| | 53 | Transmission | | hydrostatic | | |
| | 54 | Clutch | | seamless clutch | | |
| 55 | Stability | | ISO 22915 | | | |

Technical changes reserved. * special material ** with wooden platform

10.01.2019 Rev.3

**Glued laminated timber
profiles
pipes
steel**

Our machines handle any long
and heavy material.
We offer comfortable and
safe handling of goods.

In the field of sideloaders and multidirectional sideloaders, Bulmor is the specialist in creating perfect solutions for each individual customer. Our products' profound quality coupled with robustness and safety makes us the ideal and reliable business partner.

Our bespoke sideloaders and multidirectional sideloaders are designed and produced in Bulmor's Upper-Austrian headquarters and excel through innovation, customer benefit, durability and great availability. As a matter of course, our machines are operated in the whole world, in different industries, from plastics and timber to concrete and steel applications.



Machinery Tradition since 1879



- Sideloaders
- Multidirectional Sideloaders
- Ground Support Equipment

Head office Austria
Bulmor industries GmbH
Kickenau 1
A-4320 Perg

t +43 7262 58397-0
f +43 7262 52297-11
e info@bulmor.com

Branch office Germany
Bulmor Deutschland GmbH
Hurststraße 2
D-77815 Bühl

Branch office UK
Bulmor Lancer Ltd.
Chartmoor Road
Leighton Buzzard