

↔ IRION LANCER → JUMBO

bulmor
strong sideloader solutions



Technical
Information

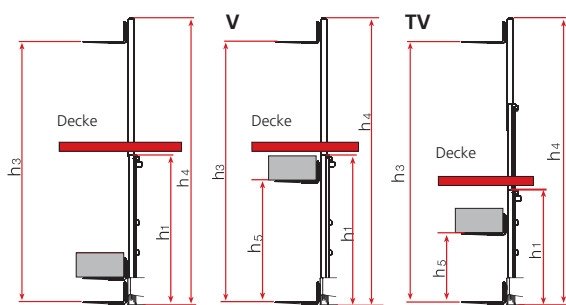
**Sideloader
DQrc 50-60**



Stage V
internal
warehouse
use

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 *

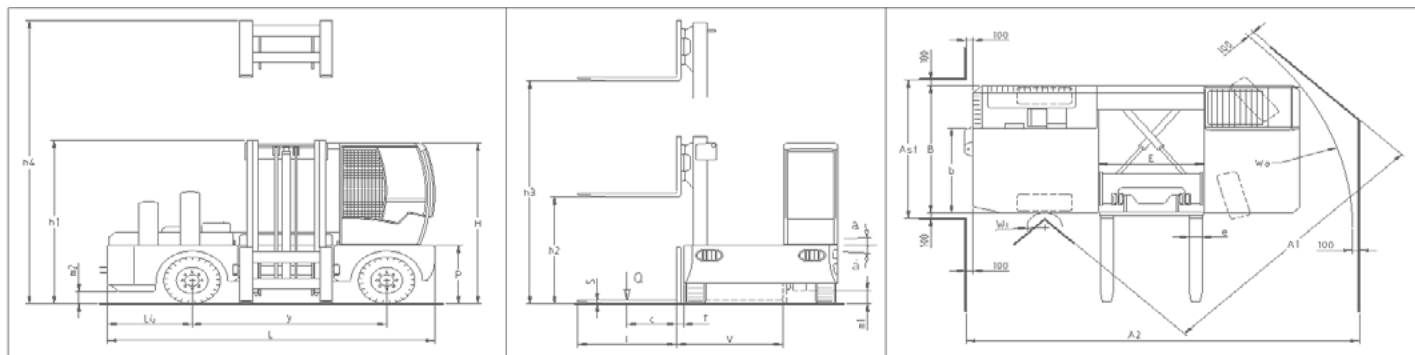
	Lift height (h3)	Height lowered (h1)	Height extended (h4) **	Free lift (h5) **
Duplex-Mast without freelif	4000	2830 // 2890	4970 // 4970	0
	4500	3080 // 3140	5470 // 5470	0
	5000	3330 // 3390	5970 // 5970	0
	5500	3580 // 3640	6470 // 6470	0
	6000	3830 // 3890	6970 // 6970	0
Duplex- Freelif-Mast	4000	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						
	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		diesel			
	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		b	platform width	mm	1400 (1200)	1400 (1200)	
	20	Platform	E	well width	mm	1350	1500	
	21		P	platform height	mm	1030**	1030**	
	22		T	fork face standout	mm	100	100	
	23	Mast reach	V	traverse stroke	mm	1500 (1300)	1500 (1300)	
	24		Lü	overhang length	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				
46	Parking brake	rear		electrohydraulic				
Transmission	47	Battery			start battery			
	48		voltage/capacity	V/Ah	12/75			
	49	Engine	manufacturer/model		Deutz TD 2.9 L4 Common Rail Stage V			
	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

