

↕ IRION LANCER → JUMBO

**bulmor**  
strong sideloader solutions



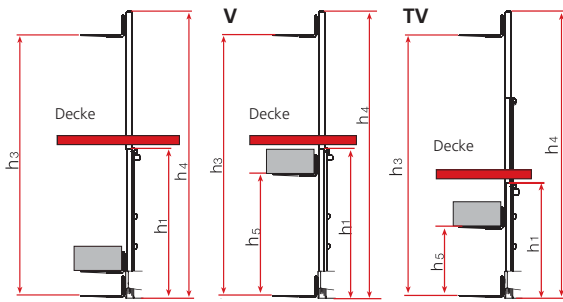
Technical  
Information

## Sideloader DQn 40-50



**Stage V**  
internal  
warehouse  
use

# Sideloader DQn 40-50



Mast Matrix Sideloaders 4 to. & 5 to.  
mast fully lowered, mast fully extended, free lift

## DQn 40 // DQn 50 \*

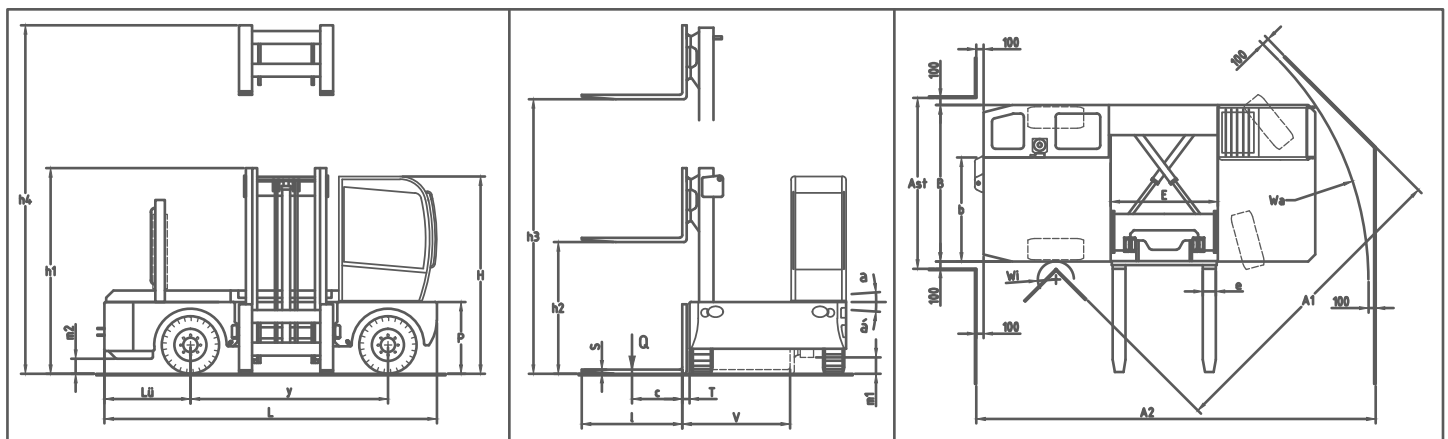
	Lift height (h3)	Height lowered (h1)	Height extended (h4) **	Free lift (h5) **
Duplex-Mast without freelif	4000	2700 // 2830	4780 // 4970	0
	4500	2950 // 3080	5280 // 5470	0
	5000	3200 // 3330	5780 // 5970	0
	5500	3450 // 3580	6280 // 6470	0
	6000	3700 // 3830	6780 // 6970	0
Duplex- Freelif-Mast	4000	2800 // 2850	4780 // 4970	2020 // 1880
	4500	3050 // 3100	5400 // 5565	2150 // 2035
	5000	3300 // 3350	5900 // 6065	2400 // 2285
	5500	3550 // 3600	6400 // 6565	2650 // 2535
	6000	3800 // 3850	6900 // 7065	2900 // 2785
Triplex-Mast	4500	2330 // 2400	5280 // 5470	1550 // 1430
	5000	2490 // 2560	5780 // 5970	1710 // 1590
	5500	2660 // 2730	6280 // 6470	1880 // 1760
	6000	2830 // 2900	6780 // 6970	2050 // 1930
	6500	2990 // 3060	7280 // 7470	2210 // 2090
	7000	3160 // 3230	7780 // 7970	2380 // 2260
	7500	3330 // 3400	8280 // 8470	2550 // 2430
	8000	3490 // 3560	8780 // 8970	2710 // 2590

\* ... and identical types in construction

\*\* ... with standard carriage

## LIFTING CAPACITY DQn 40 / DQn 50

Platform width (mm)	Lift height (mm)								
	4	4,5	5	5,5	6	6,5	7	7,5	8
1200	4000/5000	3890/4770	3700/4530	3510/4300	3330/4080	3160/3870	2990/3670	2830/3470	2680/3290
1400	4000/5000	3930/4820	3740/4580	3550/4350	3370/4130	3200/3910	3030/3710	2870/3510	2720/3330
1600	4000/5000	3980/4870	3780/4630	3590/4400	3410/4170	3230/3960	3070/3750	2900/3560	2750/3370



## Manufacturer specifications and quality characteristics

		Bulmor industries GmbH					
Characteristics	1	Manufacturer					
	2	Type	manufacturer's type designation		DQn 40/14 (12)	DQn 50/14 (12)	
	3	Lifting capacity	Q	without stabilisers	t	4	5
	4	Load centre	c	distance	mm	700 (600)	700 (600)
	5	Drive	diesel, LPG, electro				
	6	Operator position			diesel seated		
	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 free lift	no free lift
	11	Fork carriage	fork spread		mm	300 - 1420	360 - 1420
	12	Fork dimensions	W/D/L		mm	50/150/1400 (1200)	50/180/1400 (1200)
	13	Tilt of mast	forward/backward		degree	3,5°/3,5° (4°/4°)	3,5°/3,5° (4°/4°)
	14	Overall dimensions	L	Overall length	mm	4500	4500
	15		B	Overall width	mm	2200 (2000)	2230 (2030)
	16		h1	height, mast lowered	mm	2700	2830
	17		h4	height, mast extended	mm	4780	4970
	18		H	overall height cabin	mm	2610	2610
	19		b	platform width	mm	1400 (1200)	1400 (1200)
	20	Platform	E	well width	mm	1500	1500
	21		P	platform height	mm	850*	850*
	22		T	fork face standout	mm	100	100
	23	Mast reach	V	traverse stroke	mm	1500 (1300)	1500 (1300)
	24		Lü		mm	1100	1100
	25	Turning radius	outer/inner		mm	4370 (4250)/600	4370 (4250)/600
26	Aisle width	Ast	for driving straight line	mm	2430 (2230)	2430 (2230)	
27		A1	for 90° turning	mm	4150 (4030)	4150 (4030)	
28		A2	for 90° turning within aisle	mm	5670 (5550)	5670 (5550)	
29		travel speed with/without load		km/h	20/22	20/22	
30	Speed	lift speed with 80% max. load/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	0,30	0,30	
33	Drawbar pull			daN	1750	1750	
34	Gradeability	with/without load		%	13/22	12/20	
Weight	35	Machine weight	without load		kg	7380 (7220)	7980 (7820)
	36	laden weight	front axle		kg	5340 (5260)	6140 (6060)
	37	laden weight	rear axle		kg	6040 (5960)	6840 (6760)
Chassis	38	Tyres	number front/rear		Stk.	2/2	2/2
	39		dimension front			27x10-12	27x10-12
	40		dimension rear			27x10-12	27x10-12
	41	Wheelbase	y		mm	2640	2620
	42	Track	front/rear		mm	1920 (1720)	1920 (1720)
	43	Ground clearance	with load m1 below mast		mm	160	160
	44		with load m2 mid wheelbase		mm	185	185
45	Service brake	front/rear			hydraulic / hydrostatic	hydraulic / hydrostatic	
Transmission	46	Parking brake	rear			electrohydraulic	
	47	Battery				start battery	
	48		voltage/capacity	V/Ah		12/150	
	49	Engine	manufacturer/model			Deutz TD 2.9 L4 Stage V	
	50		max. rated power to DIN 70020		kW(PS)	55,4 (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. \* with wooden platform

10.01.2019 Rev.00

**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

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