

↔ IRION LANCER JUMBO

bulmor
strong sideloader solutions



Technical
Information

Sideloader DQ 100-120

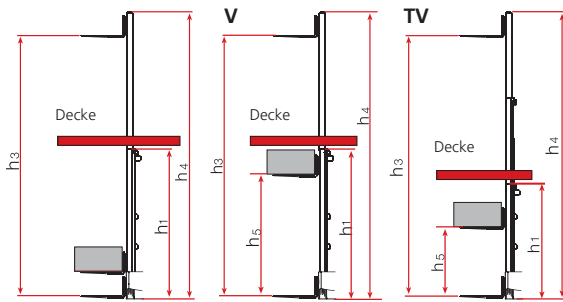


Stage V
internal
warehouse
use

Sideloader DQ 100-120

Mast Matrix DQ-Heavy-Line Sideloader 10 to & 12 to.

Platform width max. 2000 mm, wider than 2000 mm on demand
mast fully lowered, mast fully extended, free lift



DQ 100-120 *

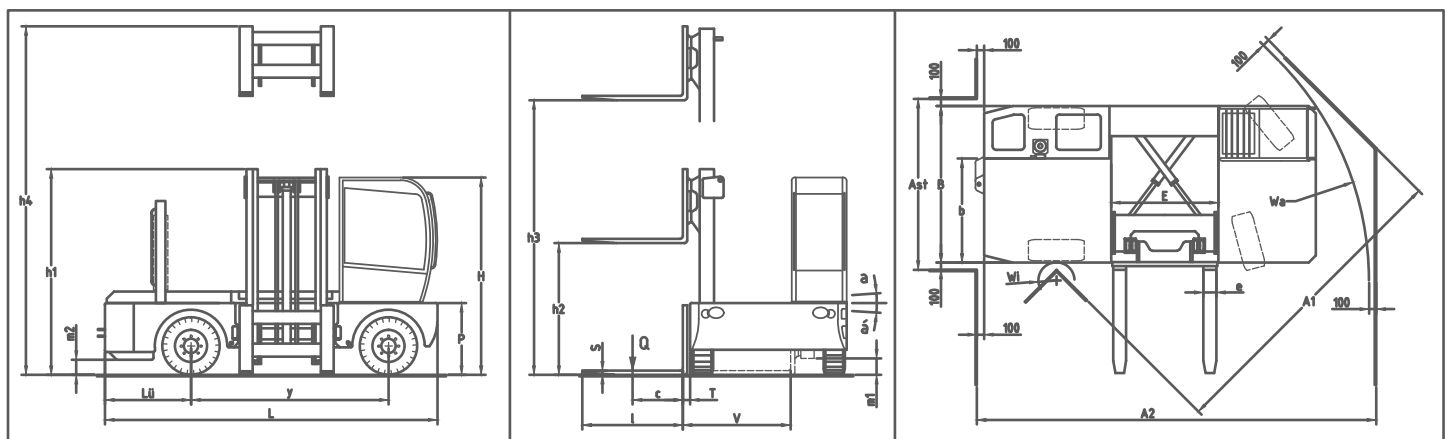
	Lift height (h3)	Height lowered (h1)	Height extended (h4) **	Free lift (h5) **
Duplex-Mast without freelif	4000	3300	5375	0
	4500	3550	5875	0
	5000	3800	6375	0
	5500	4050	6875	0
	6000	4300	7375	0
Duplex- Freelif-Mast	4000	3400	5375	2025
	4500	3650	5875	2275
	5000	3900	6375	2525
	5500	4150	6875	2775
	6000	4400	7375	3025
Triplex-Mast	4500	2920	5875	1525
	5000	3080	6375	1685
	5500	3250	6875	1855
	6000	3420	7375	2025
	6500	3580	7875	2185
	7000	3750	8375	2355
	7500	3920	8875	2525
	8000	4080	9375	2685

* ... and identical types in construction

** ... with standard carriage

RESIDUAL CAPACITY DQ 100 // DQ 120

Platform width (mm)	Lift height (mm)								
	4	4,5	5	5,5	6	6,5	7	7,5	8
1400	10000/12000	9760/11620	9360/11200	8970/10690	8580/10280	8200/9790	7920/9400	7550/9010	7200/8640
1600	10000/12000	9790/11690	9400/11180	9010/10770	8640/10360	8340/9880	7980/9490	7620/9110	7350/8740
1800	10000/12000	9830/11770	9430/11340	9120/10910	8730/10500	8430/10090	8140/9690	7770/9290	7490/8910



Manufacturer specifications and quality characteristics

				Bulmor industries GmbH			
Characteristics	1	Manufacturer					
	2	Type	manufacturer's type designation		DQ 100/14 (16)	DQ 120/14 (16)	
	3	Lifting capacity	Q	without stabilisers	t	10	12
	4	Load centre	c	distance	mm	700 (800)	700 (800)
	5	Drive	diesel, LPG, electro		Diesel		
	6	Operator position	Sitzlenkung				
	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	none	none
	11	Fork carriage	fork spread		mm	400 - 1640	400 - 1640
	12	Fork dimensions	W/D/L		mm	80/200/1400 (1600)	80/200/1400 (1600)
	13	Tilt of mast	forward/backward		Grad	±4,5° (±3,8°)	±4,5° (±3,8°)
	14	Overall dimensions	L	Overall length	mm	6250	6250
	15		B	Overall width	mm	2300 (2500)	2300 (2500)
	16		h1	height, mast lowered	mm	3300	3300
	17		h4	height, mast extended	mm	5375	5375
	18		H	overall height cabin	mm	3350	3350
	19	Platform	b	platform width	mm	1400 (1600)	1400 (1600)
	20		E	well width	mm	1800	1800
	21		P	platform height	mm	1380*	1380*
	22	Mast reach	T	fork face standout	mm	100	100
	23		V	traverse stroke	mm	1500 (1700)	1500 (1700)
	24	Overhang length	Lü		mm	1650	1650
	25	Turning radius	outer/inner		mm	5700 (5820) / 1030	5700 (5820) / 1030
	26	Aisle width	Ast	for driving straight line	mm	2500 (2700)	2500 (2700)
	27		A1	for 90° turning	mm	5180 (5300)	5180 (5300)
	28		A2	for 90° turning within aisle	mm	7550 (7670)	7550 (7670)
Performance	29	Speed	travel speed with/without load		km/h	24/25	22/25
	30		lift speed with 80% max. load/without load		m/s	0,3/0,32	0,3/0,32
	31		lowering speed with/without load		m/s	0,5/0,4	0,5/0,4
	32		traverse speed		m/s	0,30	0,30
33	Drawbar pull			daN	5300	5300	
34	Gradeability	with/without load		%	15/26	13/24	
Weight	35	Machine weight	without load		kg	16420 (16930)	17950 (18450)
	36	laden weight	front axle		kg	11750 (11970)	13480 (13680)
	37	laden weight	rear axle		kg	14670 (14960)	16470 (16770)
Chassis	38	Tyres	number front/rear		pcs.	2/2	2/2
	39		dimension front			14.00-20	14.00-20
	40		dimension rear			14.00-20	14.00-20
	41	Wheelbase	y		mm	3665	3665
	42	Track	front/rear		mm	1880/1880 (2080/2080)	1880/1880 (2080/2080)
	43	Ground clearance	with load m1 below mast		mm	300	300
	44		with load m2 mid wheelbase		mm	300	300
45	Service brake	front/rear		hydraulic / hydrostatic			
Transmission	46	Parking brake	rear		electrohydraulic		
	47	Battery			start battery		
	48		voltage/capacity	V/Ah	24/135		
	49	Engine	manufacturer/model		Perkins 1206E-E66TA Common Rail Stage V		
	50		max. rated power to DIN 70020		kW(PS)	116,5 (158)	
	51		rated speed		1/min	2200	
	52		cylinders/capacity (ccm)		6/6600		
	53	Transmission	hydrostatic				
	54	Clutch	seamless clutch				
	55	Stability	ISO 22915				

Technical changes reserved. * with wooden platform

01.05.2015 Rev.0

**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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