

↔ IRION LANCER JUMBO

bulmor
strong sideloader solutions

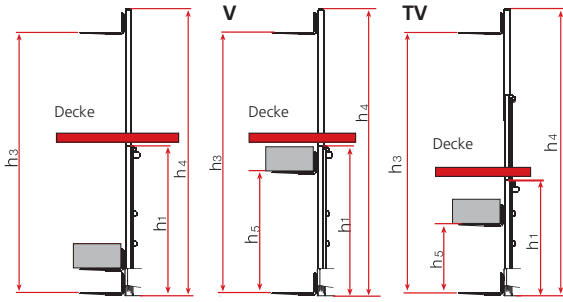


Technical
Information

**Electric
Sideloader
EQn 40-50**



E-Sideloader EQn 40-50



Mast Matrix Electric-Sideloader 4-5 to.
mast fully lowered, mast fully extended, free lift

EQn 40-50

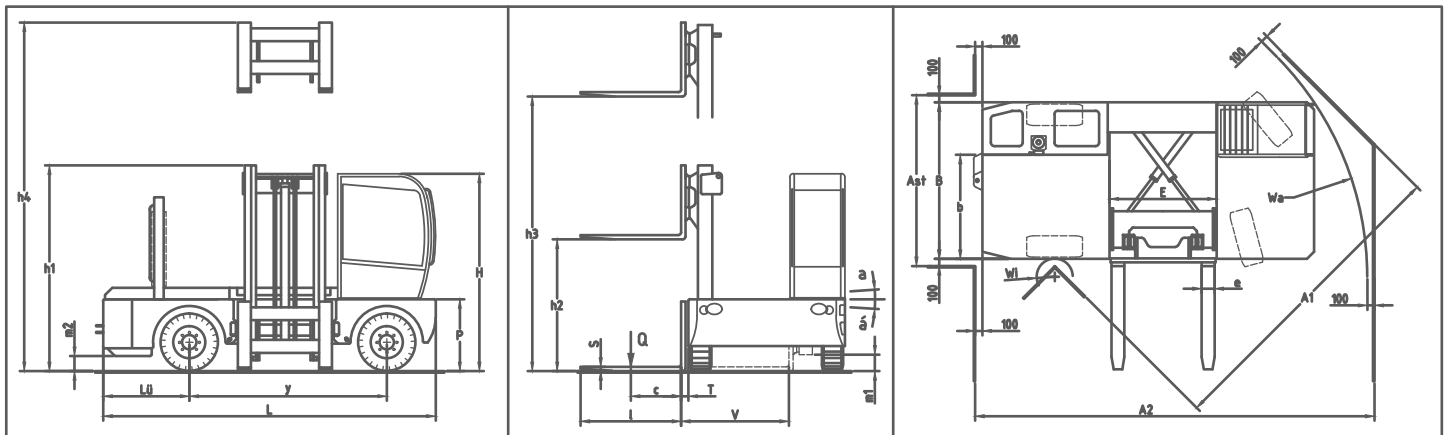
	Lift height (h3)	Height lowered (h1)	Height extended (h4) **	Free lift (h5) **
Duplex-Mast without freelif	4000	2830	4970	0
	4500	3080	5470	0
	5000	3330	5970	0
	5500	3580	6470	0
	6000	3830	6970	0
Duplex- Freelif-Mast	4000	2850	4970	1880
	4500	3100	5565	2035
	5000	3350	6065	2285
	5500	3600	6565	2535
	6000	3850	7065	2785
Triplex-Mast	4500	2400	5470	1410
	5000	2560	5970	1570
	5500	2730	6470	1740
	6000	2900	6970	1910
	6500	3060	7470	2070
	7000	3230	7970	2240
	8000	3560	8970	2570

* ... and identical types in construction

** ... with standard carriage

LIFTING CAPACITY EQn 40 // EQn 50

Platform width (mm)	Lift height (mm)								
	4	4,5	5	5,5	6	6,5	7	7,5	8
1200	4000/5000	4000/4790	3870/4560	3670/4340	3480/4050	3290/3850	3100/3640	2920/3440	2750/3250
1400	4000/5000	4000/5000	3890/4790	3700/4500	3450/4280	3270/4070	3090/3860	2910/3660	2790/3460
1600	4000/5000	4000/5000	4000/5000	3780/4810	3580/4590	3400/4370	3210/4090	3030/3880	2860/3680



Manufacturer specifications and quality characteristics

				Bulmor industries GmbH				
Characteristics	1	Manufacturer						
	2	Type	manufacturer's type designation		EQn 40/14 (12)	EQn 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			electro		
	6	Operator position				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	None	None	
	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	±3,6° (±4,5°)	±3,6° (±4,5°)
	14	Overall dimensions	L	Overall length	mm	4250	4250	
	15		B	Overall width	mm	2200 (2000)	2200 (2000)	
	16		h1	height, mast lowered	mm	2830	2830	
	17		h4	height, mast extended	mm	4970	4970	
	18		H	overall height cabin	mm	2680	2680	
	19	Platform	b	platform width	mm	1400 (1200)	1400 (1200)	
	20		E	well width	mm	1500	1500	
	21		P	platform height	mm	850*	850*	
	22	Mast reach	T	fork face standout	mm	100	100	
	23		V	traverse stroke	mm	1500 (1300)	1500 (1300)	
	24	Overhang length	Lü			mm	840	840
	25	Turning radius	outer/inner			mm	4390/630 (4330/730)	4390/630 (4330/730)
	26	Aisle width	Ast	for driving straight line	mm	2400 (2200)	2400 (2200)	
	27		A1	for 90° turning	mm	4150 (4020)	4150 (4020)	
	28		A2	for 90° turning within aisle	mm	5430 (5370)	5430 (5370)	
Performance	29	Speed	travel speed with/without load		km/h	19/20	19/20	
	30		lift speed with 80% max. load/without load		m/s	0,2/0,3	0,2/0,3	
	31		lowering speed with/without load		m/s	0,55/0,25	0,55/0,25	
	32		traverse speed		m/s	0,25	0,25	
	33	Drawbar pull			daN	1650-2350**	1650-2350**	
34	Gradeability	with/without load		%	11-17/17-26**	10-15/16-25**		
Weight	35	Machine weight	without load		kg	8600 (8400)	8950 (8750)	
	36	laden weight	front axle		kg	5220 (5140)	5860 (5780)	
	37	laden weight	rear axle		kg	7380 (7260)	8090 (7970)	
Chassis	38	Tyres	number front/rear		pcs.	2/2	2/2	
	39		dimension front			28x12.5-15	28x12.5-15	
	40		dimension rear			28x12.5-15	28x12.5-15	
	41	Wheelbase	y			mm	2690	2690
	42	Track	front/rear			mm	1850/1880 (1650/1680)	1850/1880 (1650/1680)
	43	Ground clearance	with load m1 below mast			mm	200	200
	44		with load m2 mid wheelbase			mm	135	135
45	Service brake	front/rear			- / hydr. multiple disk brake			
Transmission	46	Parking brake	rear			electric hydraulic		
	47	Battery	quantity / type		1 / 6 PzS			
	48		voltage/capacity		V/Ah	80 / 660 - 840 - 930		
	49	Drive motor	rated capacity S2-60min		kW	2 x 12		
	50	Motor for hydraulics	rated capacity S3-15%		kW	23,5		
	51	Type of control	AC=synchron technology, DC-technology			AC		
	52	Inverter	drive- / hydraulic drive			2x Zapi ACE-2 Power / 1x Zapi AC-2 Power		
	53	Recuperation	braking energy / lift energy			optional / optional		
	54	Battery	minimum weight		kg	2250		
	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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