

 bulmor



Sideloaders DQ 60-80

built to work.

Technical
Information



Sideloader DQ 60-80

Mast Matrix Sideloaders 6 to. & 7-8 to.

mast fully lowered, mast fully extended, free lift

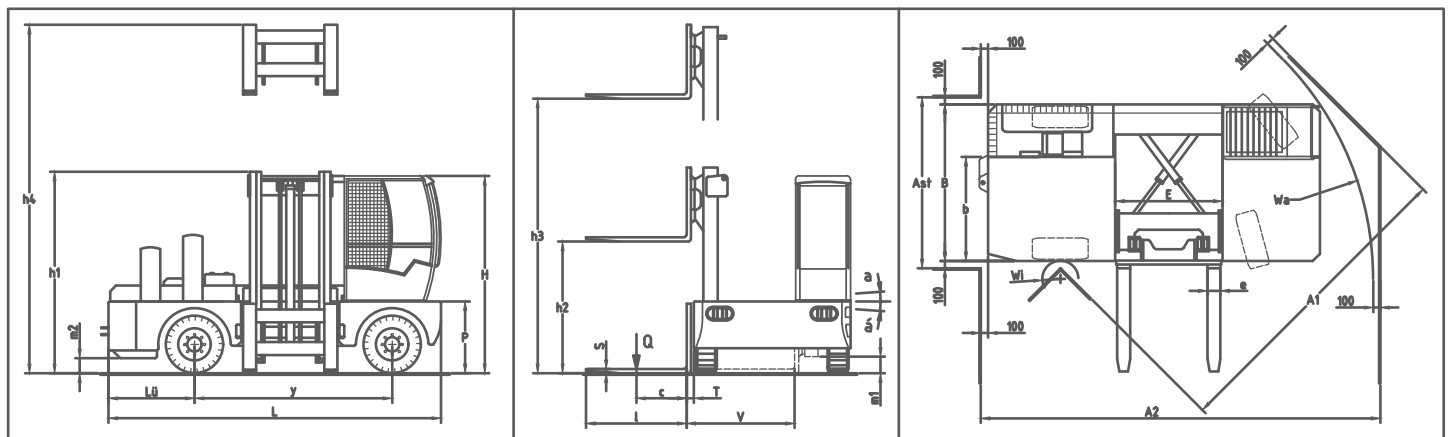
		DQ 60 // DQ 70-80 *			
		Lift height (h3)	Height lowered (h1)	Height extended (h4) **	Free lift (h5) **
Duplex-Mast without freelif	4000		2890	4970 // 5140	0
	4500		3140	5470 // 5640	0
	5000		3390	5970 // 6140	0
	5500		3640	6470 // 6640	0
	6000		3890	6970 // 7140	0

Duplex- Freelif-Mast	4000		2940 // 2950	4970 // 5140	1970 // 1810
	4500		3190 // 3200	5470 // 5640	2220 // 2060
	5000		3440 // 3450	5970 // 6140	2470 // 2310
	5500		3690 // 3700	6470 // 6640	2720 // 2560
	6000		3940 // 3950	6970 // 7140	2970 // 2810

Triplex-Mast	4500		2540 // 2550	5470 // 5640	1570 // 1405
	5000		2700 // 2710	5970 // 6140	1730 // 1565
	5500		2870 // 2880	6470 // 6640	1900 // 1735
	6000		3040 // 3050	6970 // 7140	2070 // 1905
	6500		3200 // 3210	7470 // 7640	2230 // 2065
	7000		3370 // 3380	7970 // 8140	2400 // 2235
	7500		3540 // 3550	8470 // 8640	2570 // 2405
	8000		3700 // 3710	8970 // 9140	2730 // 2565

* ... and identical types in construction

** ... with standard carriage



Manufacturer specifications and quality characteristics

				Bulmor industries GmbH				
Characteristics	1	Manufacturer						
	2	Type	manufacturer's type designation		DQ 60/14 (12)	DQ 70/14 (12)	DQ 80/14 (12)	
	3	Lifting capacity	Q	without stabilisers	t	6	7	8
	4	Load centre	c	distance	mm	700 (600)	700 (600)	700 (600)
	5	Drive				diesel		
	6	Operator position				seated		
	7	Type of steering	V-solid rubber, L-pneumatic, front/rear			L / L	L / L	L / L
	8	Wheels	number front/rear (X= drive wheels)			2/2X	2/2X	2/2X
Dimensions	9	Lift	h3	lift height	mm	4000	4000	4000
	10		h2	free lift	mm	no free lift	no free lift	no free lift
	11	Fork carriage	fork spread		mm	360 - 1420	360 - 1420	400 - 1420
	12	Fork dimensions	W/D/L		mm	60/180/1400 (1200)	60/180/1400 (1200)	60/200/1400 (1200)
	13	Tilt of mast	forward/backward		degree	±3,8° (±4,7°)	±3,8° (±4,7°)	±3,8° (±4,7°)
	14	Overall dimensions	L	Overall length	mm	4850	4850	4850
	15		B	Overall width	mm	2200 (2000)	2230 (2050)	2260 (2090)
	16		h1	height, mast lowered	mm	2890	2890	2890
	17		h4	height, mast extended	mm	4970	5140	5140
	18		H	overall height cabin	mm	2790	2790	2790
	19	Platform	b	platform width	mm	1400 (1200)	1400 (1200)	1400 (1200)
	20		E	well width	mm	1500	1500	1500
	21		P	platform height	mm	1030*	1030*	1030*
	22	Mast reach	T	fork face standout	mm	100	100	100
	23		V	traverse stroke	mm	1500 (1300)	1500 (1300)	1500 (1300)
	24	Overhang length	Lü		mm	1220	1220	1220
	25	Turning radius	outer/inner		mm	4590 (4480)/700	4610 (4500)/700	4630 (4530)/700
	26	Aisle width	Ast	for driving straight line	mm	2400 (2200)	2430 (2250)	2460 (2290)
	27		A1	for 90° turning	mm	4310 (4190)	4330 (4220)	4340 (4240)
	28		A2	for 90° turning within aisle	mm	6010 (5900)	6030 (5920)	6050 (5950)
Performance	29	Speed	travel speed with/without load		km/h	20/22	20/22	20/22
	30		lift speed with 80% max. load/without load		m/s	0,35/0,40	0,30/0,35	0,30/0,35
	31		lowering speed with/without load		m/s	0,50/0,30	0,50/0,30	0,50/0,30
	32		traverse speed		m/s	0,30	0,30	0,30
	33	Drawbar pull			daN	2550	2550	2550
34	Gradeability	with/without load		%	14/24	12/22	11/20	
Weight	35	Machine weight	without load		kg	9500 (9670)	10350 (10275)	11245 (11305)
	36	laden weight	front axle		kg	6820 (6895)	7634 (7601)	8468 (8494)
	37	laden weight	rear axle		kg	8680 (8775)	9716 (9674)	10777 (10811)
Chassis	38	Tyres	number front/rear		pcs.	2/2	2/2	2/2
	39		dimension front			300-15	355/65-15	XZM 355/65-15
	40		dimension rear			300-15	355/65-15	XZM 355/65-15
	41	Wheelbase	y		mm	2900	2900	2900
	42	Track	front/rear		mm	1830/1860 (1630/1660)	1780/1810 (1580/1610)	1780/1810 (1580/1610)
	43	Ground clearance	with load m1 below mast		mm	230	230	230
	44		with load m2 mid wheelbase		mm	200	200	200
45	Service brake	front/rear			hydraulic / hydrostatic			
Transmission	46	Parking brake	rear			electrohydraulic		
	47	Battery				start battery		
	48		voltage/capacity	V/Ah		12/120		
	49	Engine	manufacturer/model			Perkins 854F-E34TA Common Rail		
	50		max. rated power to DIN 70020		kW(PS)	75 (102)		
	51		rated speed		1/min	2200		
	52		cylinders/capacity (ccm)			4/3400		
	53	Transmission				hydrostatic		
	54	Clutch				seamless clutch		
	55	Stability				ISO 22915		