

 bulmor



Technical  
Information

Sideloader  
DQ 50

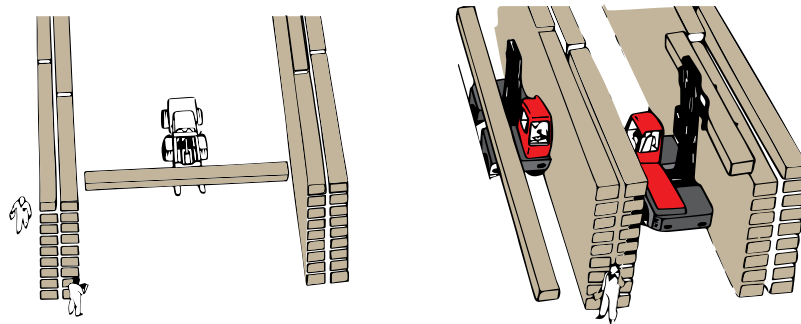


[www.bulmor.com](http://www.bulmor.com)



# Sideloaders lifting up to 5 tons

This category of Bulmor Sideloaders lifts loads of all kinds of up to 5 tons. The extremely resilient lifting unit and the right front wheel that is placed inwards are the basis for extraordinary outdoor and indoor application. They are characterised by their high availability and excellent durability.



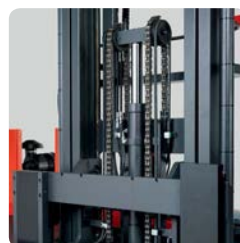
## FACTS

Lifting capacity	up to 5 tons
Engine	Diesel or LPG
Drive	hydrostatic
platform height	1030 mm
Platform widths	1.200 to 1.400 mm*
Lifting heights	up to 8,000 mm

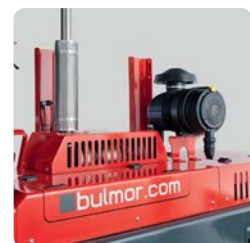
\* with wooden platform



Intended front wheel for narrow turning radius with maximum steering angle

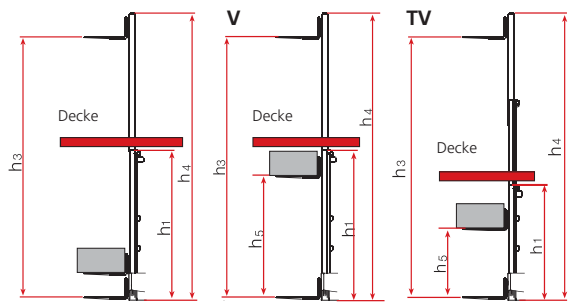


Solid lifting mast



Big service flaps for easy maintainability

# Sideloader DQ 50



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

## DQ 50 \*

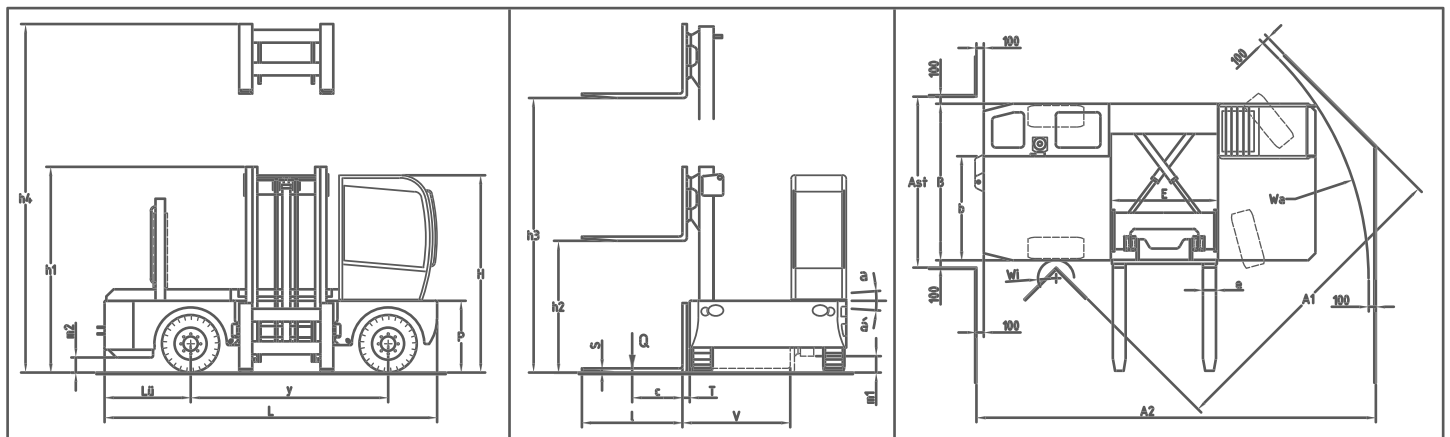
	Lift height (h3)	Height lowered (h1)	Height extended (h4) **	Free lift (h5) **
Duplex-Mast without freelif	4000	2885	4970	0
	4500	3135	5470	0
	5000	3385	5970	0
	5500	3635	6470	0
	6000	3885	6970	0
Duplex-Freelif-Mast	4000	2870	4970	1870
	4500	3120	5570	2020
	5000	3370	6070	2270
	5500	3620	6570	2520
	6000	3870	7070	2770
Triplex-Mast	4500	2430	5470	1430
	5000	2590	5970	1590
	5500	2760	6470	1760
	6000	2930	6970	1930
	6500	3190	7470	2090
	7000	3360	7970	2260
	8000	3690	8970	2590

\* ... and identical types in construction

\*\* ... with standard carriage

## LIFTING CAPACITY DQ 50

Platform width (mm)	Lift height (mm)								
	4	4,5	5	5,5	6	6,5	7	7,5	8
1200	5000	4860	4640	4410	4200	3980	3840	3640	3440
1400	5000	4910	4690	4460	4320	4100	3900	3690	3500
1600	5000	4850	4650	4530	4310	4100	3900	3700	3510



## Manufacturer specifications and quality characteristics

Characteristics	1	Manufacturer			Bulmor industries GmbH	
	2	Type	manufacturer's type designation		DQ 50/14 (12)	
	3	Lifting capacity	Q	without stabilisers	t	5
	4	Load centre	c	distance	mm	700 (600)
	5	Drive	diesel, LPG, electro			diesel
	6	Operator position				seated
	7	Type of steering	V-solid rubber, L-pneumatic, front/rear			L / L
	8	Wheels	number front/rear (X= drive wheels)			2/2X
Dimensions	9	Lift	h3	lift height	mm	4000
	10		h2	free lift	mm	no free lift
	11	Fork carriage	fork spread		mm	360 - 1420
	12	Fork dimensions	W/D/L		mm	50/180/1400 (1200)
	13	Tilt of mast	forward/backward		degree	3,5°/3,5° (4°/4°)
	14	Overall dimensions	L	Overall length	mm	4700
	15		B	Overall width	mm	2200 (2000)
	16		h1	height, mast lowered	mm	2885
	17		h4	height, mast extended	mm	4970
	18		H	overall height cabin	mm	2790
	19		b	platform width	mm	1400 (1200)
	20	Platform	E	well width	mm	1500
	21		P	platform height	mm	1030*
	22	Mast reach	T	fork face standout	mm	100
	23		V	traverse stroke	mm	1500 (1300)
	24	Overhang length	Lü		mm	1195
	25	Turning radius	outer/inner		mm	4460 (4340)/630
	26	Aisle width	Ast	for driving straight line	mm	2400 (2200)
27	A1		for 90° turning	mm	4230 (4110)	
28	A2		for 90° turning within aisle	mm	5860 (5740)	
Performance	29	Speed	travel speed with/without load		km/h	20/22
	30		lift speed with 80% max. load/without load		m/s	0,25/0,30
	31		lowering speed with/without load		m/s	0,50/0,30
	32		traverse speed		m/s	0,30
	33	Drawbar pull			daN	2450
34	Gradeability	with/without load		%	16/28	
Weight	35	Machine weight	without load		kg	8450 (8290)
	36	laden weight	front axle		kg	6100 (6020)
	37	laden weight	rear axle		kg	7350 (7270)
Chassis	38	Tyres	number front/rear		Stk.	2/2
	39		dimension front			300-15
	40		dimension rear			300-15
	41	Wheelbase	y		mm	2750
	42	Track	front/rear		mm	1890/1930 (1690/1730)
	43	Ground clearance	with load m1 below mast		mm	23ww0
	44		with load m2 mid wheelbase		mm	190
	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 854E-E34TAWF Common Rail
	50		max. rated power to DIN 70020	kW(PS)	70 (95)	
	51		rated speed	1/min	2200	
	52		cylinders/capacity (ccm)		4/3400	
	53	Transmission				hydrostatic
	54	Clutch				seamless clutch
	55	Stability				ISO 22915

Technical changes reserved. \* with wooden platform

01.05.2015 Rev.0