

 bulmor



## Sideloader DQ 100-120

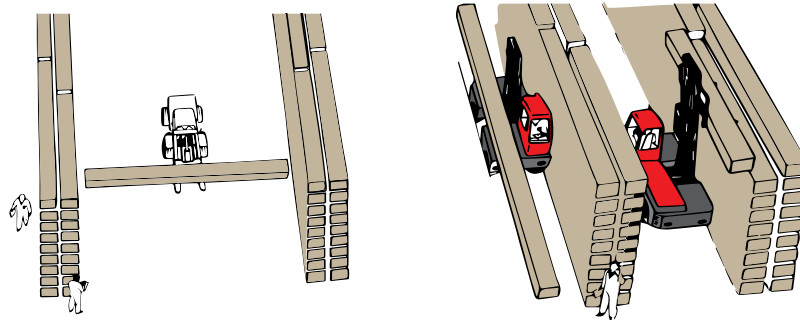
Technical  
Information





# Sideloaders lifting 10-12 tons

The big wheels, the high-performance drive and the exceptionally solid lift mast ensure power reserves when it comes to extraordinary applications. This machine category easily, comfortably and safely handles loads up to 12 tons. They are characterised by their high availability and excellent durability.



## FACTS

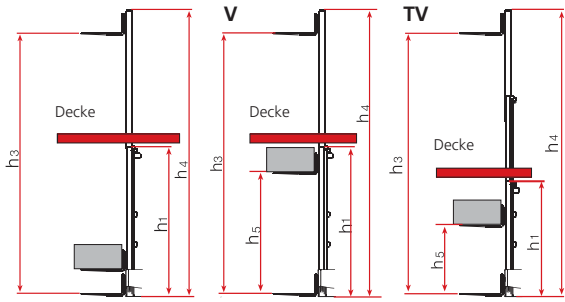
Lifting capacity	10 to 12 tons
Engine	diesel
Drive	hydrostatic
platform height	1.380 mm*
Platform widths	1.400 - 1.800 mm
Lifting heights	up to 8.000 mm

\* with wooden platform

# 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 \*

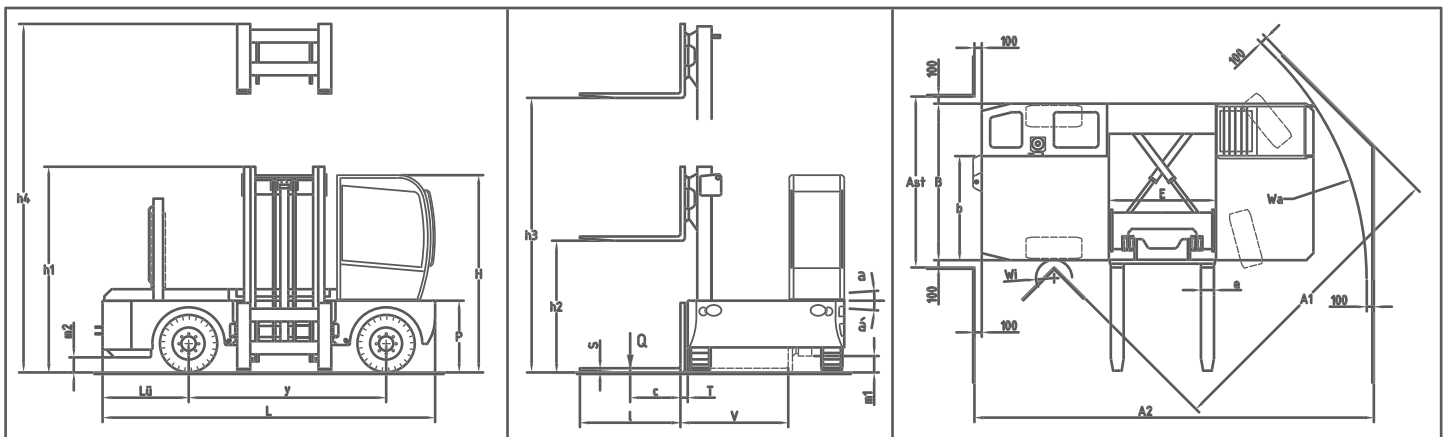
	Lift height (h3)	Height lowered (h1)	Height extended (h4) **	Free lift (h5) **
Duplex-Mast without freelif	4000	3300	5375	0
	4500	3550	5875	0
	5000	3800	6375	0
	5500	4050	6875	0
	6000	4300	7375	0
Duplex- Freelif-Mast	4000	3400	5375	2025
	4500	3650	5875	2275
	5000	3900	6375	2525
	5500	4150	6875	2775
	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
	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			
46	Parking brake	rear		electrohydraulic			
Transmission	47	Battery			start battery		
	48	Engine	voltage/capacity		V/Ah	24/135	
	49		manufacturer/model		Perkins 1206E-E66TA Common Rail		
	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

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Timber, steel, aluminium, tubes etc. - our machines master all kinds of operations in most diverse industries.



References and applications

