

# BMU 35-45

## Universal multidirectional loader

### NEW in the Team

with  
**Save-Plus**  
System

#### Universal loader BMU 35 - 45

The BMU is an outstandingly agile and compact universal loader with multidirectional steering for handling pallets and long goods.

- PU tyres for indoor operation
- Optional elastic tyres for combined indoor and outdoor operation
- 48 volt drive
- Load capacities from 3,5 to 4,5 tonnes
- with efficient technology of the BMS series.

48 volt drive



## Multidirectional Sideloader

technical Data

# Multidirectional-Sideloader **BMU 35-45**

Typ			BMU 35	BMU 40	BMU 45
Lifting Capacity	Q	kg	3500	4000	4500
Load centre	c by NB = 1200	mm	600		
Width GT	Vn rated dimension cassis back to face of fork	mm	750	850	
Width BGTs	Ve effective dimension cassis back to face of fork	mm	900	1000	
Useable width with GT	NB = B - Vn	mm	1200		
Useable width with BGTs	NB = B - Ve	mm	1050		
Mast traverse GT	V = NB + 100	mm	1300		
<b>Overall Dimensions</b>					
Total length	L	mm	2900		
Total length over cabin	Lk (Standard cabin LK6,7)	mm	3230	2900	
Useable platform	NB from - to	mm	800 - 1800		
Total width	B (NB = 800)	mm	1950	2050	
Aisle width	AST (B = 1550)	mm	2150/2950	2250/3050	
Platform height	P	mm	400/500		
Well width	E	mm	1380		
Ground clearance	m (under Mast)	mm	100		
Cabin height	H (Standard cabin LK6,7)	mm	2640	2670	
Lift height	h3 (Rated lift height)	mm	3500		
Total width	bei B = 1750 / 2150 / 2550	°	±1,1 / ±0,85 / ±0,7	±1 / ±0,76 / ±0,62	
Horizontal mast correction	bei h3=6000 & B = 1750 / 2150 / 2550	mm	±115 / ±89 / ±73	±105 / ±80 / ±65	
<b>Fork Carriage</b>					
Fork distance outer edge to outer edge GT	GTL	mm	1270		
Fork distance GT	AK - AK	mm	1270 - 400		
Fork distance outer edge to outer edge BGTs	GTL	mm	3200	3600	
Fork distance BGTs	AK - AK	mm	3200 - 400	3600 - 400	
Tilting fork carriage	+ = on / - = off	°	+5 / -5		
<b>Weights</b>					
Weight including battery	B=1950; 3,5m Duplex; GT; 4PzS	kg	5500	5650	6000
Weight including battery & rated load		kg	9000	9650	10500
Stability	ISO 22915-7			Yes	
<b>Battery</b>					
Voltage		V	48		
Capacity		Ah	775 / 930		
<b>Drive</b>					
Drive motor	AC - Technology	kW	2 x 5		
Working hydraulics		kW	1 x 21		
<b>Dimension</b>					
Wheels	Number driven / load side (Soft Tyres)		2/4 (2/4)		
Drive wheels	Vulkollan® - Diameter x Width	mm	ø406 x178		
Load wheels	Vulkollan® - Diameter x Width	mm	ø285 x 100		
Spec. Ground pressure	Number driven / load side (ready to drive on load)	N/cm²	350 / 355	365 / 395	380 / 400
Drive wheels	Elastic Tyres - Diameter x Width	mm	ø457 x 203	ø457 x 229	
Load wheels	Elastic Tyres - Diameter x Width	mm	ø406 x 152		
Spec. Ground pressure	Number driven / load side (ready to drive on load)	N/cm²	120 / 85	120 / 93	125 / 98
<b>Steering / brakes</b>					
Steering	Multidirectional steering standard 12-steering programs		electrohydraulic		
Service brake I	Activation by accelerator release		regenerative		
Service brake II	Activation by operating brake pedal		proportional counter-current braking		
Park-/Parking brake			electromagnetically released sprung-applied brake		
Working Pressure	For Attachment	bar	185		

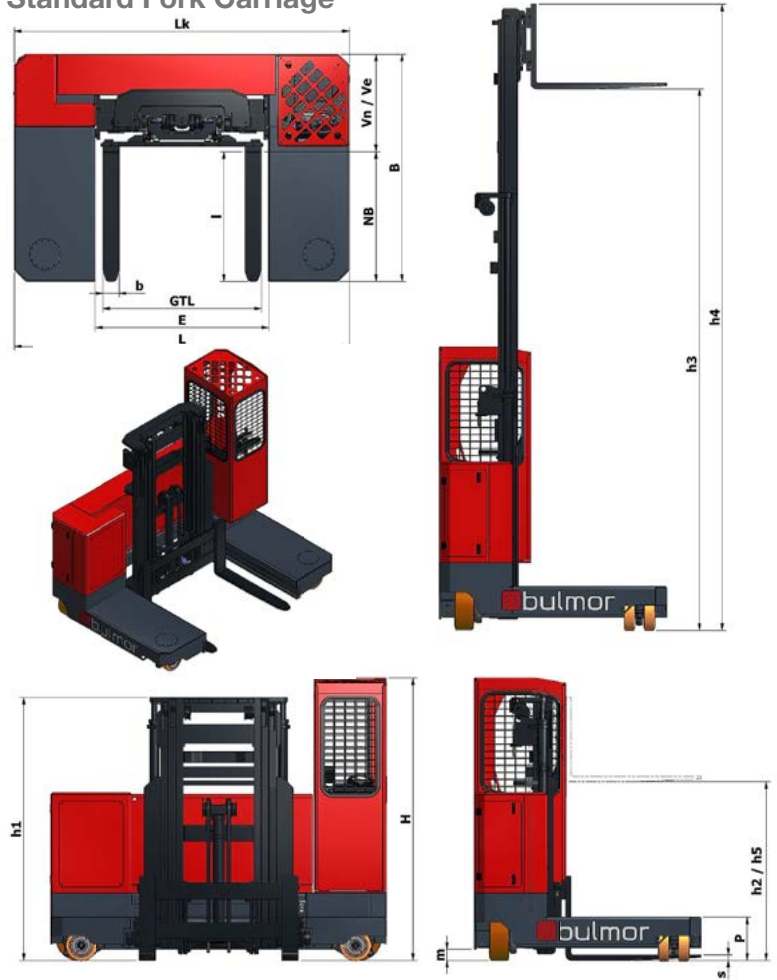
## Mast Data

BMU 35 / BMU 40-45 Duplex (D)				
Lift Height	Height			Free-Lift
	closed height	extended GT	Extended BGTs	
h3	h1	h4	h4	h2
3500	2500/2600	4280/4280	4640/4640	600
4000	2750/2850	4780/4780	5140/5140	600
4500	3000/3100	5280/5280	5640/5640	600
5000	3250/3350	5780/5780	6140/6140	600
5500	3500/3600	6280/6280	6640/6640	600
6000	3750/3850	6780/6780	7140/7140	600

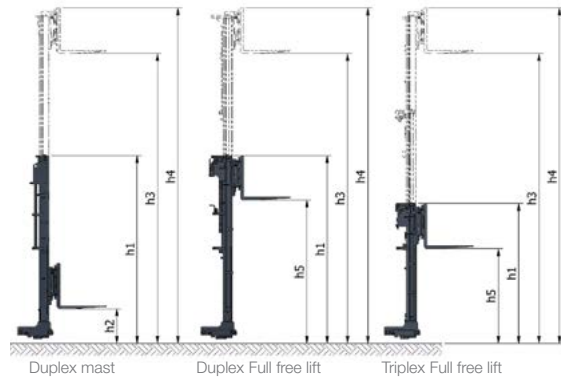
BMU 35 / BMU 40-45 Duplex Full free lift mast (V)					
Lift Height	Height			Free-Lift	
	closed height	extended GT	Extended BGTs	GT	BGTs
h3	h1	h4	h4	h5	h5
3500	2500/2500	4280/4280	4640/4640	1720/1720	1360/1360
4000	2750/2750	4780/4780	5140/5140	1970/1970	1610/1610
4500	3000/3000	5280/5280	5640/5640	2220/2220	1860/1860
5000	3250/3250	5780/5780	6140/6140	2470/2470	2110/2110
5500	3500/3500	6280/6280	6640/6640	2720/2720	2360/2360
6000	3750/3750	6780/6780	7140/7140	2970/2970	2610/2610

BMU 35 / BMU 40-45 Triplex Full free lift mast (T)					
Lift Height	Height			Free-Lift	
	closed height	extended GT	Extended BGTs	GT	BGTs
h3	2420/2430	5780/5780	6140/6140	1640/1650	1280/1290
5000	2590/2600	6280/6280	6640/6640	1810/1820	1450/1460
5500	2750/2770	6780/6780	7140/7140	1970/1990	1610/1630
6000	2920/2930	7280/7280	7640/7640	2140/2150	1780/1790
6500	3090/3100	7780/7780	8140/8140	2310/2320	1950/1960
7000	3250/3270	8280/8280	8640/8640	2470/2490	2110/2130
7500	3420/3430	8780/8780	9140/9140	2640/2650	2280/2290
8000	3830	9205	9205	2620	2620

## Standard Fork Carriage



## Mast Dimensions



## RESIDUAL CAPACITY BMU 35 / 40 / 45

Plattform-width (mm)	Lift height (m)						
	3,5	4	4,5	5	5,5	6	6,5
1200	3500/4000/4500	3200/3730/4200	3050/3550/4000	2950/3330/3750	2800/3110/3500	a.A./2880/3250	a.A.
1400	3500/4000/4500	3200/3730/4200	3050/3550/4000	2950/3330/3750	2800/3110/3500	2750/2880/3250	2500/2750/3100
1600	3500/4000/4500	3200/3730/4200	3050/3550/4000	2950/3330/3750	2800/3110/3500	2750/2880/3250	2500/2750/3100

	7	7,5	8
1200	a.A.	a.A.	a.A.
1400	a.A.	a.A.	a.A.
1600	a.A./2660/3000	a.A.2530/2850	a.A.

## Forks

Type	Cross section				
		1000	1200	1400	1600
BMU 35	b / s	125 / 45	150 / 50	150 / 50	
BMU 40	b / s		150 / 50	150 / 50	180 / 50
BMU 45	b / s		150 / 50	180 / 50	150 / 60

# Typical BULMOR- more than others.

Every machine in the BULMOR fleet stands for power and robustness, as well as efficiency and safety. Every machine is created using the experience and genes of more than 45 years of experience in the field of forklift construction.



- Sideloader
- Multidirectional sideloaders
- Ground support equipment

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