

↕ **IRION** **LANCER** **JUMBO**

bulmor
strong sideloader solutions



Multidirectional Sideloaders with **BMS** Series



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single-piece frame

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Technology and details



Home of strong sideloader brands

Founded as Schöberl & Söhne Motoren- und Maschinenfabrik in 1879, the company first built forklift trucks in the 1960s and later specialised in the production of JUMBO sideloaders in the 1980s.

By integrating technology and experience from the sideloader pioneers IRION, LANCER and the German SHS, BULMOR is able to offer customised solutions from a comprehensive range of sideloaders and multidirectional sideloaders with over 45 years of experience in the manufacturing of forklift trucks.

The sideloaders are extremely strong and are designed and produced at the Austrian headquarters according to the customer's requests and to specific applications.



Machinery Tradition since 1879





Multidirectional sideloaders with **single-piece frame**

Maximum **stability at high lifting heights**

New energy-efficient control technology

- Steering mode can be changed during operation
- Minimal heat build-up, even under tough conditions

Mast reach with low-wear toothed belt drive

- Quiet handling
- Suspension system for top lift height
- Rarely needs retightening
- Low susceptibility to dirt

EMU
BMS



EMU 20-30 (48V)

BMS 30-35 (80V)

BMS 40-45 (80V)

BMS 50-60 (80V)

BMS 70 (80V)

BMS 80-100 (80V)

Easy maintenance

- Oil levels can be checked from the outside
- Quickly retighten lift chain from the outside
- Maintenance free swivel attachment



The new **BMS Series**

...more robust

...faster

...even easier to service



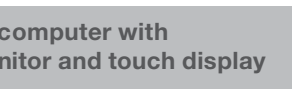
Ergonomic operation

- Low step-in height
- Increased legroom
- Options extras

On-board computer with colour monitor

- Joystick parameter settings
- Intuitive operation
- Intralogistics 4.0 compatible

	Classic Line	Premium Line	
MULTIDIRECTIONAL SIDELOADER Electric	EMU 20 // 25 // 30 Vulkollan®	BMS 30 // 35 Vulkollan® // Elastik	BMS 40 // 45 Vulkollan® // Elastik
Drive	48 Volt 465 Ah	80 Volt 465 Ah	80 Volt 620 Ah
Lifting capacity	up to 2 // 2,5 // 3 tons	up to 3 // 3,5 tons	up to 4 // 4,5 tons
Standard lift (h3)	3500 - 8000 mm	3500 - 8000 mm	3500 - 8000 mm
Overall dimension (L x B x H) by NB=1200	2960 x 1950 x 2400	3230 x 1950 x 2640	3100 x 2050 x 2670
Aisle width by NB=1200	2150-2950	2150 - 2950	2250 - 3050
Load centre	600	600	600
Useable platform with GT	1200	1200	1200
Turning radius	1770	1850	1850
Platform height	400	400 (500 EB)	400 (500 EB)
Well width (E)	1380	1380	1580
Fork distance (GTL)	1250	1270	1460
Drive motor	AC-Technology 2 x 3,9 kW	AC-Technology 2	
Working hydraulics	AC-Technology 1 x 11 kW	AC-Technology 1 x 18 kW	
Battery	48 V 3 PzS 465 Ah 4 PzS 620 Ah 5 PzS 775 Ah 6 PzS 930 Ah	80 V 3 PzS 465 Ah 4 PzS 620 Ah 5 PzS 775 Ah	80 V 4 PzS 620 Ah 5 PzS 775 Ah 6 PzS 930 Ah
Tyres	Vulkollan® 2x ø343 x 140 (K), 4x ø250 x 80 (L) Super Elastic Tyres optional	Vulkollan® 2x ø406 x 178 (K) , 4x ø285 x 100 (L) EB 2x ø457 x 203 (K) , 4x ø406 x 152 (L)	Vulkollan® 2x ø 406 x 178 (K) 4x ø285 x 100 (L) EB 2x ø457 x 229 (K) 4x ø406 x 152 (L)
Technology	AC Technology compact & mobile 12 steering system standard flexible applicable (465 up to 930 Ah) Vulkollan & Elastik Tyres	 Energy-efficient control technology Mast reach with low-wear toothed	
Cabin	Can be customized with standard options	 Low step-in height On-board colour mo	
Type of cabin	standard: Longitudinal: 670 x 1000 mm optional: Longitudinal rear entry 670 x 1000 mm Lateral cabin: 800, 850, 900 x 670 mm Lateral cabin: 800, 850, 900 x 900 mm Diagonal cabin: 850 x 1000 mm	standard: Longitudinal: 670 x 1000 mm optional: Longitudinal rear entry 670 x 1000 mm Lateral cabin: 800, 850, 900 x 670 mm Lateral cabin: 800, 850, 900 x 900 mm Diagonal cabin: 850 x 1000 mm	standard: Lateral cabin: 800 x optional: Longitudinal: 670 x 1000 mm Longitudinal rear entry: 670 x 1000 mm Lateral cabin: 850, 900 x 670 Lateral cabin: 800, 850, 900 x 900 Diagonal cabin: 850 x 1000

	BMS 50 // 55 // 60 // 70* Vulkollan® // Elastik *BMS 70 only with Vulkollan available	BMS 70 // 80 Vulkollan® // Elastik	BMS 80 // 90 // 100 Vulkollan®
	80 Volt 775 Ah	80 Volt 930 Ah	80 Volt 1085 Ah
	up to 5 // 5,5 // 6 // 7 tons	up to 7 - 8 tons	up to 8 // 9 // 10 tons
	3500 - 8000 mm	3500 - 8000 mm	3500 - 8000 mm
	3100 x 2150 x 2670 3500 x 2150 x 2795 (EB) 3100 x 2200 x 2670 (VB) (BMS 70)*	3800 x 2250 x 2880	4100 x 2450 x 3250
	2350 - 3150 2400 - 3200 (BMS 70)*	2450 - 3250	2650 - 3450
	600	600	600
	1200	1200	1200
	1880 (2050 EB)	2100	2350
	450 (575 EB)	600	600
	1620	1620	2300
	1460	1460	2100
2 x 5 kW		AC-Technology 2 x 7,5 kW	t.b.a.
	AC-Technology 1 x 28 kW		t.b.a.
	80 V 5 PzS 775 Ah 6 PzS 930 Ah	80 V 6 PzS 930 Ah	80 V 7 PzS 1085 Ah 8 PzS 1240 Ah
	Vulkollan® 2x ø406 x 178 (K) , 8x ø285 x 75 (L) EB 2x ø559 x 254 (K) , 4x ø457 x 203 (L) (BMS 50 //55) EB 2x ø559 x 305 (K) , 4x ø457 x 203 (L) (BMS 60)	Vulkollan® 2x ø711 x 254 (K) 4x ø457 x 203 (L) EB 2x ø711 x 305 (K) 4x ø457 x 229 (K)	Vulkollan® 4x ø406 x 203 (K) , 8x ø400 x 100 (L)
	 Hydraulic motor with sensor	 Electronic damping	
 belt drive	 Maintenance free slewing ring	 Load sensing system	
 Increased legroom		 Controller	
 computer with monitor and touch display	 Optionally 1hand joystick or 2 mini (individually parameterizable)		 Extensive optional extras
670 mm mm 0 mm 900 mm mm	standard VK: Lateral cabin 900 x 670 mm standard EB: Lateral cabin 900 x 900 mm optional: Lateral cabin: 800, 850, 900 x 670 mm Lateral cabin: 800, 850, 900 x 900 mm Diagonal cabin: 850 x 1000 mm LK front seat: 800 x 1350 mm (only EB)	standard: Lateral cabin 900 x 900 mm optional: K front seat: 800 x 1350 mm	standard: Lateral cabin: 1100 x 950 mm

Information refers to standard versions and requires prior technical clarification. Reserve technical changes.



Multidirectional sideloaders with **articulated frame**

Safe and agil on uneven floors and outdoors

The electrically driven multidirectional sideloaders with articulated frame are at their best when it comes to narrow platform widths combined with lower lifting heights. The level reconciliation allows for faster response times on uneven ground. If the machines are equipped with solid tyres, level reconciliation with King-Pin is even faster. Our products are used to easily manoeuvre long and heavy goods, round material, chipboards or cable reels in narrow-aisle racks in- and outdoors. Furthermore, they can be operated in block storage systems. Due to the electric drive, the multidirectional sideloaders are silent and environmentally friendly.



EFYco 30-35 (48V)

EFYco 40-45 (48V)

EFYco



Level reconciliation for
faster response times on
uneven ground

Possible camera positioning



All load wheels are oscillating supported and therefore provide perfect load distribution

	Classic Line	Classic Line
MULTIDIRECTIONAL SIDELOADER Electric	EFYco 30 // 35 Vulkollan® // Elastik	EFYco 40 // 45 Vulkollan® // Elastik
Drive	48 Volt 465 Ah	48 Volt 465 Ah
Lifting capacity	up to 3 // 3,5 tons	up to 4 // 4,5 tons
Standard lift (h3)	3500 - 8000 mm	3500 - 8000 mm
Overall dimension (L x B x H) by NB=1200	2800 x 2050 x 2550	2800 x 2050 x 2550
Aisle width by NB=1200	2250 - 3050	2250 - 3050
Load centre	600	600
Useable platform with	1200	1200
Turning radius	1750	1750
Platform height	400 (500 EB)	400 (500 EB)
Well width (E)	1320	1320
Fork distance (GTL)	1150	1150
Drive motor	AC-Technology 2 x 5 kW	AC-Technology 2 x 5 kW
Working hydraulics	AC-Technology 1 x 19 kW	AC-Technology 1 x 19 kW
Battery	48 V 3 PzS 465 Ah 4 PzS 620 Ah 5 PzS 775 Ah 6 PzS 930 Ah	48 V 3 PzS 465 Ah 4 PzS 620 Ah 5 PzS 775 Ah 6 PzS 930 Ah
Tyres	Vulkollan® 2x ø406 x 178 - cabin, 4x ø285 x 100 - Load Super Elastic Tyres optional	Vulkollan® 2x ø406 x 178 - cabin, 4x ø285 x 100 - Load Super Elastic Tyres optional
Technology	AC Technology compact & mobile 12 steering system standard flexible applicable (465 up to 930 Ah) Vulkollan & Elastic Tyres	AC Technology compact & mobile 12 steering system standard flexible applicable (465 up to 930 Ah) Vulkollan & Elastic Tyres
Cabin	Can be customized with standard options	Can be customized with standard options
Type of cabin	standard: Lateral cabin: 800 x 670 mm optional: Longitudinal with rear entry 800 x 900 mm Diagonal cabin: 800, 850, 900 x 670 mm Diagonal cabin: 800, 850, 900 x 900 mm	standard: Lateral cabin: 800 x 670 mm optional: Longitudinal with rear entry 800 x 900 mm Diagonal cabin: 800, 850, 900 x 670 mm Diagonal cabin: 800, 850, 900 x 900 mm

Information refers to standard versions and requires prior technical clarification. Reserve technical changes.



References and
fields of



Timber, steel, aluminium, etc. –
Bulmor products are successfully
operated in most diverse industries.





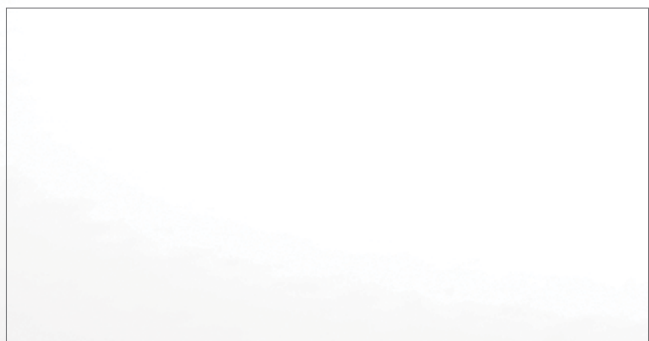
- Sideloaders
- Multidirectional sideloaders
- Ground support equipment

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