

MATERIAL HANDLING EQUIPMENT



PRODUCT CATALOGUE

About Us

(**BairShift** is a leading brand of industrial material handling equipment. Based in Haryana, India, we deliver robust, high-performance solutions engineered for warehouses, factories, and logistics operations across the country.



Our Mission

To provide reliable, heavy-duty material handling equipment that maximizes operational efficiency and workplace safety. Every product we build reflects our commitment to quality, durability, and practical engineering.

Our Vision

At BairShift, we envision a future where every industrial operation, regardless of size or complexity, can achieve seamless and efficient material handling. We strive to be at the forefront of innovation, continuously enhancing our product line to meet the evolving needs of our clients and the industry. By investing in cutting-edge technology and sustainable practices, we aim to reduce the environmental impact of our operations while delivering unparalleled service and support. Our team is dedicated to fostering long-term partnerships with our customers, empowering them to reach new heights of productivity and safety.

Why Choose BairShift

ISO 9001 & ISO 14001 Certified

Manufactured under strict international quality and environmental standards.

Heavy-Duty Engineering

Built for 3-ton+ loads with corrosion-resistant, powder-coated steel frames.

Pan-India Service Network

Dedicated support, spare parts availability, and on-site installation assistance.

Custom Configurations

Tailored solutions for unique warehouse layouts and operational requirements.

Product Description

The **BS-OP-101** is a **300 KG Semi Electric Order Picker** available in four platform height variants — **2700 MM, 3300 MM, 4000 MM, and 4500 MM** — with **max working heights** reaching up to **6000 MM**. The operator rides the elevated platform to pick orders directly from high racks. **With dual 24V/0.4KW drive motors, a 24V/1.6KW lifting motor, 2×12V/150AH battery, 24V/15A charger, and speeds of 4 KMPH (platform stowed) and 1.6 KMPH (platform raised),** it is built for safe, efficient high-level order picking in large distribution warehouses



TECHNICAL SPECIFICATION

BS-OP-101	Type A	Type B	Type C	Type D
Max. Platform Height	2700 MM	3300 MM	4000 MM	4500 MM
Max. Working Height	4120 MM	5000 MM	5400 MM	6000 MM
Ground Clearance	40 MM	40 MM	40 MM	40 MM
Lift Rated Capacity	300 KGS	300 KGS	300 KGS	300 KGS
Platform Size	600×640 MM			
Drive Speed (Stowed)	4 KMPH			
Drive Speed (Raised)	1.6 KMPH			
Min. Turning Radius	1600 MM			
Max. Climbing Cap.	15–20%			
Driving Wheel Size	230×80 MM			
Caster Size	6 Inch			
Driving Motor	2×24V / 0.4 KW			
Lifting Motor	24V / 1.6 KW			
Battery	2×12V / 150 AH			
Charger	24V / 15A			
Overall Length	Overall Length			
Overall Width	1830 MM	2130 MM	1840 MM	2000 MM
Overall Weight	430 KGS	450 KGS	660 KGS	680 KGS

FEATURES

- 4 variants: 2720 to 4500 MM platform — max machine height up to 6100 MM
- Ultra-compact 850 MM width — fits all narrow-aisle and tight warehouse layouts
- Economy series: most affordable order picker entry point in BAIR SHIFT range
- 12V/1.6KW lifting motor + 12V/120AH battery — reliable single-shift operation

Product Description

The **BS-OP-102** is a **200 KG Economy Order Picker** — a **compact**, cost-effective high-level picking solution available in four platform height variants (**2720 MM** to **4500 MM**) with max machine heights up to **6100 MM**. Powered by a **12V/1.6KW** lifting motor and **12V/120AH** battery with **12V/15A charger**, it is the most accessible entry-level order picker in the **BAIR SHIFT** range. The compact **850 MM overall width** makes it **ideal for narrow-aisle and space-constrained warehouse environments**.



BS-OP-102 Type A,B,C,D

TECHNICAL SPECIFICATION

BS-OP-102	Type A	Type B	Type C	Type D
Max. Platform Height	2720 MM	3300 MM	4000 MM	4500 MM
Max. Machine Height	4020 MM	4900 MM	5400 MM	6100 MM
Ground Clearance	30 MM	30 MM	30 MM	30 MM
Lift Rated Capacity	200 KGS	200 KGS	200 KGS	200 KGS
Platform Size	600×600 MM	600×640 MM	600×640 MM	600×640 MM
Lifting Motor	12V / 1.6 KW			
Battery	12V / 120 KW			
Charger	12V / 15A			
Overall Length	1300 MM	1300 MM	1320 MM	1320 MM
Overall Width	850 MM	850 MM	850 MM	850 MM
Overall Height	1760 MM	2040 MM	1830 MM	2000 MM

FEATURES

- 4 variants: 2720 to 4500 MM platform — max machine height up to 6100 MM
- Ultra-compact 850 MM width — fits all narrow-aisle and tight warehouse layouts
- Economy series: most affordable order picker entry point in BAIR SHIFT range
- 12V/1.6KW lifting motor + 12V/120AH battery — reliable single-shift operation

Product Description

The **BS-OP-103** is a **premium 1.5-Ton High Level Order Picker** — the **most powerful and advanced order picking machine in the BAIR SHIFT range**. With lifting heights of **5000 MM, 7000 MM, and 9000 MM (max extended height 11230 MM)**, a **24V/1100AH battery**, dual **4.5KW drive and lift motors**, and a **travel speed of 7.7/8 KMPH**, it is engineered for large **automated distribution centres, pharma warehouses, and high-density very narrow aisle (VNA) storage operations requiring high-speed, high-accuracy order fulfilment** at extreme heights.



TECHNICAL SPECIFICATION

BS-ST-103		Type A	
Rated Load	1500 KGS (1.5 Ton)	Height of Overhead Guard	2290 MM
Load Center Distance	600 MM	Ground Clearance — Below Chassis	76 MM
Load Dist. — Drive Axle to Fork	206 MM	Ground Clearance — Axle Center	51 MM
Wheel Base	1236 MM	Aisle Width (1000×1200 Crossways)	1400 MM
Service Weight (With Battery)	3870 KGS	Turning Radius	1800 MM
Axle Load Laden — Front/Rear	4320 / 1360 KGS	Travel Speed — Laden/Unladen	7.7 / 8 KMPH
Axle Load Unladen — Front/Rear	1960 / 2220 KGS	Lift Speed Laden/Unladen	0.15 / 0.30 MPS
Tyre Size — Front	310×1245 MM	Lowering Speed Laden/Unladen	0.28 / 0.30 MPS
Tyre Size — Rear	128×73 MM	Gradeability — Laden/Unladen	5% / 10%
Additional Wheel Dimension	150×47 MM	Drive Motor Rating	4.5 KW
Wheel Number — Front/Rear	1×2 / 4	Lift Motor Rating	4.5 KW
Thread (Rear)	1236 MM	Lift Motor Rating	24V / 1100 AH
Height — Most Lowered	2410 / 3080 / 3750 MM	Lift Motor Rating	982×397×760 MM
Lifting Height	5000 / 7000 / 9000 MM		
Height — Most Extended	7230 / 9230 / 11230 MM		
Stand Height	230 MM		
Height Lowered	80 MM		
Overall Length	3200 MM		
Length to Face of Forks	1975 MM		
Overall Width	1100 / 1352 MM		
Fork Dimension	45×100×1200 MM		
Distance Between Fork Arms	530 / 715 MM		



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