

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-DR-101** is a **350 KGS Electric Drum Stacker/Lifter** designed for **lifting and stacking industrial drums** to a **maximum height of 1600 MM** using an **electric motor** and **Exide battery system**. With a controllable lowering speed, **20-stroke** lifting mechanism, front wheels of **85×50 MM**, and rear wheels of **180×50 MM**, it provides safe and precise drum handling in **chemical, oil, food processing, and pharmaceutical industries**. A **6-hour charge delivers 7 hours of continuous operation**.



BS-DR-101

TECHNICAL SPECIFICATION

BS-DR-101	Type A
Capacity	500 KGS
Max. Lifting Height	1600 MM
Lifting Speed	20 / Stroke
Lowering Speed	Controllable
Front Wheel Size	85×50 MM
Rear Wheel Size	180×50 MM
Overall Size Range	1990x890x2000 MM
Operation Type	Battery Operated
Duration	7 Hrs of Charge, 6 Hrs of Working
Battery	Exide

FEATURES

- Electric motor lift — zero manual effort for lifting 350 KGS drums to 1600 MM
- Controllable lowering speed — precise, safe placement of heavy drums
- Exide battery: 6-hour charge delivers 7-hour full-shift operation
- Compact 1990×890 MM footprint for easy movement in drum storage areas

Product Description

The **BS-DR-102** is a **500 KGS Manual Hydraulic Drum Stacker/Lifter** with a maximum **lifting height of 1600 MM** and an adjustable overall size range of **1600 MM to 4000 MM**, making it suitable for handling drums of various heights and sizes. **The controllable lowering speed and 20-stroke lifting mechanism** provide **safe, precise drum placement**. With front wheels of **85×50 MM** and rear wheels of **180×50 MM**, it offers smooth movement across warehouse and plant floors.



BS-DR-102

TECHNICAL SPECIFICATION

BS-DR-102	Type A
Capacity	350 KGS
Max. Lifting Height	1600 MM
Lifting Speed	20 / Stroke
Lowering Speed	Controllable
Front Wheel Size	85×50 MM
Rear Wheel Size	180×50 MM
Battery Brand	Exide
Overall Size (L×W×H)	1990×890×2000 MM
Charge Time	6 Hours
Operation Duration	7 Hours
Operation Duration	Electric

FEATURES

- 500 KGS capacity — handles heavy industrial drums safely up to 1600 MM
- Adjustable overall size: 1600 to 4000 MM — adapts to varied drum heights
- Controllable lowering speed for precise, safe drum placement at any height
- Manual hydraulic — no electricity needed, use anywhere in facility

Product Description

The **BS-DR-103** is a **300 KGS Manual Hydraulic Drum Truck** designed for **low-level drum lifting up to 400 MM height** — primarily for **tilting, repositioning, and moving drums** horizontally across factory floors rather than high stacking. With a compact overall size of **1025×915×1180 MM**, front wheels of **485×50 MM**, and rear wheels of **180×50 MM**, it is the **ideal ground-level drum handling tool** for **decanting operations, drum rotation, and short-distance drum transport** in **plants and warehouses**.



BS-DR-103

TECHNICAL SPECIFICATION

BS-DR-103	Type A
Capacity	300 KGS
Max. Lifting Height	400 MM
Lifting Speed	20 / Stroke
Lowering Speed	Controllable
Front Wheel Size	485×50 MM
Rear Wheel Size	180×50 MM
Overall Size (L×W×H)	1025×915×1180 MM
Overall Size (L×W×H)	Manual Hydraulic
Power Required	None

FEATURES

- 300 KGS capacity with compact 1025×915×1180 MM footprint for tight spaces
- 400 MM lift height — ideal for tilting drums over decanting stations
- Controllable lowering speed — safe, drip-free drum placement and pouring
- Large 485×50 MM front wheels for stable drum grip and transport

Product Description

The **BS-DR-104** is a **500 KGS Low Position Drum Handler** designed specifically for **ground-level drum grabbing, clamping, and transport** — where **lifting height** is not required but secure horizontal drum movement is. With an ultra-compact overall dimension of **766×604×989 MM** and **Nylon wheels**, it is the most **manoeuvrable drum handling** solution in the **BAIR SHIFT** range, ideal for **tight storage areas, drum rotation on ground level**, and **moving drums between floor-level positions** in **chemical** and **manufacturing plants**.



BS-DR-104

TECHNICAL SPECIFICATION

BS-DR-104	Type A
Capacity	500 KGS
Overall Size (L×W×H)	766×604×989 MM
Wheel Type	Nylon Wheels
Position Type	Low Position / Ground Level
Primary Use	Ground-Level Drum Transport
Operation Type	Manual
Power Required	None

FEATURES

- 500 KGS capacity in the most compact drum handler body (766×604×989 MM)
- Low position design — clamps and moves drums at ground level with zero lift
- Nylon wheels for smooth, quiet drum transport on plant and warehouse floors
- Ultra-compact footprint — operates in the tightest drum storage configurations

Product Description

The **BS-DR-105** is a **500 KGS Light Oil Drum Truck** — an **ultra-lightweight (self-weight only 46 KGS)** manual drum handling solution with a **300 MM maximum lifting height** and **Nylon wheels**. Designed for moving, tilting, and low-level lifting of oil drums, chemical barrels, and liquid containers in tight spaces where heavier drum equipment cannot operate efficiently. Its exceptionally **low self-weight** makes it the most **portable drum truck** in the **BAIR SHIFT** range — **easy to carry, reposition, and store**.



BS-DR-105

TECHNICAL SPECIFICATION

BS-DR-105	Type A
Capacity	500 KGS
Max. Lifting Height	300 MM
Self Weight	46 KGS
Wheel Type	Nylon
Product Type	Light Oil Drum Truck
Operation Type	Manual
Power Required	None
Primary Use	Oil / Chemical Drum Handling

FEATURES

- Exceptionally lightweight at only 46 KGS self-weight — most portable drum truck
- 500 KGS capacity despite ultra-light build — strong power-to-weight ratio
- 300 MM lift for low-level drum tilting, pouring & decanting operations
- Nylon wheels — quiet, smooth, non-marking on all floor surfaces

Product Description

The **BS-DR-106** is a **350 KGS Manual U-Shape Drum Stacker** designed to **grip, cradle,** and **lift drums securely** within a **wide U-shaped** frame with a **1085 MM** inner leg width. The **wide-leg U-frame** allows the unit to **straddle large industrial drums** from the sides, providing **exceptional lateral stability** during lifting (**max 300 MM height**) and **transport**. Nylon wheels ensure **smooth movement**. Ideal for **handling large-diameter drums, barrels,** and **containers in chemical, beverage,** and **food manufacturing plants**.



BS-DR-106

TECHNICAL SPECIFICATION

BS-DR-106	Type A
Capacity	350 KGS
Max. Lifting Height	300 MM
Frame Type	U-Shape
Inner Width of Legs	1085 MM
Wheel Type	Nylon
Operation Type	Manual
Power Required	None
Primary Use	Large-Diameter Drum Handling

FEATURES

- Wide U-frame (1085 MM inner width) — straddles large-diameter drums from sides
- Superior lateral stability during drum lifting and transport operations
- 350 KGS capacity for standard 200-litre industrial drum handling
- Nylon wheels — non-marking, smooth on all plant & warehouse floor surfaces

Product Description

The **BS-DR-107** is a **500 KGS Eagle Beak Type Drum Stacker** — a **uniquely designed manual drum handler** featuring a **beak-shaped clamping mechanism** that grips drums from above for **superior vertical stability** during **lifting and transport**. With **heavy-duty 10-inch rubber wheels**, an inner wheel width of **480 MM**, and an **outer wheel width** of **600 MM**, it **provides excellent load balance** and **manoeuvrability**. The **eagle beak grip** is **ideal for handling drums** in narrow corridors and between racks where U-frame stackers cannot reach.



BS-DR-107

TECHNICAL SPECIFICATION

BS-DR-107	Type A
Capacity	500 KGS
Frame Type	Eagle Beak Type
Wheel Type	10 Inch Rubber Wheels
Inner Width of Two Wheels	480 MM
Outer Width of Two Wheels	600 MM
Clamping Mechanism	Eagle Beak Top-Grip
Operation Type	Manual
Power Required	None

FEATURES

- Eagle beak top-grip mechanism — superior vertical drum stability vs U-frame
- 500 KGS capacity — handles full 200-litre steel and plastic drums
- 10-inch heavy rubber wheels for shock absorption on rough plant floors
- Compact 480 MM inner / 600 MM outer wheel width for narrow aisle drum ops

Product Description

The **BS-DR-108** is a **350 KGS Manual Drum Trolley** built from **Mild Steel** with a **3-wheel configuration** — the **most basic, cost-effective** drum **handling tool** in the **BAIR SHIFT** range. With a **300 MM lifting height**, it is designed for **simple drum tipping, tilting, and low-level repositioning tasks**. The **3-wheel design** provides a **tight turning circle** for use in **very narrow drum storage areas, battery rooms, and any facility requiring a simple, no-frills drum moving solution**.



BS-DR-108

TECHNICAL SPECIFICATION

BS-DR-108	Type A
Capacity	350 KGS
Max. Lifting Height	300 MM
Frame Type	U-Shape
Material	Mild Steel
Wheel Type	Nylon
Operation Type	Manual
Power Required	None
Primary Use	Large-Diameter Drum Handling

FEATURES

- 3-wheel design — tightest turning radius in the BAIR SHIFT drum range
- Mild steel construction — robust, weld-repaired, and low-cost to maintain
- 350 KGS capacity for standard light-to-medium duty drum operations
- 300 MM lift — simple drum tipping and low-level transfer operations



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