BRAUN

MATERIAL HANDLING

Shuttles

Nesting Shuttle

Loose Goods Shuttle

SafeLoad Shuttle System®

U.S.A.

All Braun Products are Proudly Manufactured in the U.S.A.

ISO 9001 Certified

gabraun.com

SAFELOAD SHUTTLE SYSTEM®

SafeLoad Shuttle System® *chute loading capability significantly enhances wash room safety! (Also available in a non-chute load configuration and non ride-on configuration).*

BRAUN SAFELOAD SHUTTLE SYSTEMS

These systems significantly enhance wash room safety! The chute loading capability provides operators a safe means for loading and unloading open pocket washers and dryers, virtually eliminating hazards associated with semi-automated and automated wash alleys.

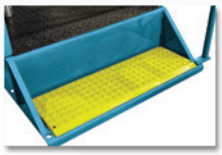
SafeLoad Shuttles with chute loading feature a hydraulically controlled loading device. Mounted onto the shuttle, it allows the operator to engage it into the washer door opening. Once engaged, the operator can then control the goods bag to open and automatically drop through the loading device into the washer.

Loading washers has been determined to present the greatest safety risk in the semi-automated wash floor. This system eliminates the need to manually push bags into a washer extractor.

This system is available with a "cockpit" for ride-on operation, or with a remote control panel. Both facilitate continuous processing.

SAFETY DEVICES

- On-board video cameras for monitoring travel blind spots!
- The control platform is guarded by multiple-redundant safety interlock systems
- Touch screen controls
- Shuttle Safety Mat (for ride-on configurations) This safety mat deactivates shuttle movement when it detects personnel outside the operator control cockpit and anyone on the cockpit step.



Shuttle Safety Mat

Safety Rated Door Interlock

Foot Pedal Interlock

MANUAL SAFELOAD SYSTEM®

Manual SafeLoad System®

Designed to support the loading of washers in a manual wash aisle operating environment, this shuttle removes the potential for serious injury to the operator from pushing bags into a moving washer cylinder.

Design Features

- Patent-pending solution ideal for manual wash rooms with rail height restrictions and narrow wash alleys.
- Addresses safety issues of loading washers/extractors by hand.
- Uses Braun's proven conveyance and loading technology.
- Prime mover is powered by a dry cell battery which also powers the conveyor and bed lift actuator.
- Adjustable for varying washer heights for Braun and non-Braun machines.
- Addresses ergonomic issues.
- Potential for increased productivity over existing loading techniques.
- Prime mover is equipped with a travel horn and a built-in backup crush provision.
- Plugs into a standard electrical wall outlet.
- Full Visibility–operator has full visibillity around the device when it is in a horizontal position.

Controls

The left side push button switches elevate the conveyor bed up and down.

The right side control features a spin/spray activation for loading items such as mats, terry cloth and sheets. This is always activated during the loading process.

The toggle switch changes the direction of the conveyor bed forward or back.

Junction Box/Spin Spray

The spin/spray can be chosen from a junction box mounted on the washer.

Washer Level Indicator

The level indicator is used to help gauge the proper elevation for the washer being used.

Transmitter and Receiver Functionality

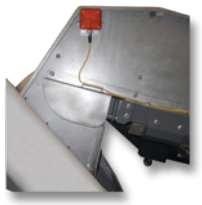
A transmitter is mounted on the Manual SafeLoad System and a receiver mounted onto the washer. This allows the operator to wirelessly activate the basket spin/spray on the washer.

Transmitter Mounted on Manual Safeload System

Receiver Mounted on Washer

Pinch Points

Potential pinch points are guarded to increase operator safety.



Safety Lights

Safety lights are activated when the device is powered on.

This shuttle removes the potential for serious injury to the operator from pushing bags into a moving washer cylinder.

SHUTTLES AND MATERIAL HANDLING ELEVATORS

Loose Goods Shuttles

These shuttle systems are engineered for the Braun 200 lb., 450 lb. and 650 lb. Automated Open Pocket Washer/ Extractor Systems.

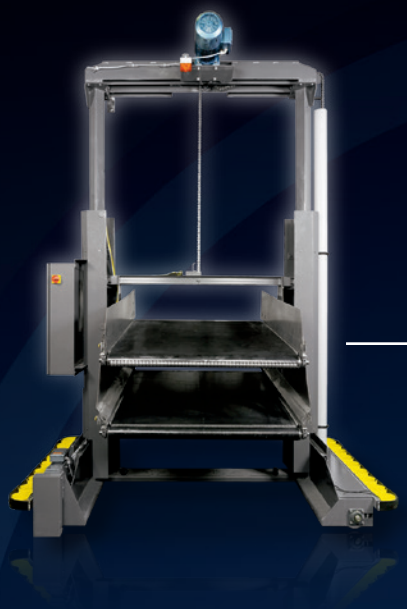
BRAUN LOOSE GOODS SHUTTLES

Available in the following models:

OPSH44 for 200-500 lb. wash floors

OPSH66 for 500-700 lb. wash floors

They are engineered for the Braun 200 lb., 450 lb. and 650 lb. Automated Open Pocket Washer/Extractor Systems with auto or manual functionality. The shuttle automatically travels to the washer/extractor, aligns, and accepts goods from the tilting machine. The shuttle then travels to the next available dryer where it automatically advances the goods and loads the dryer.



Nesting Shuttles
Can meet the demands of any plant layout.

NESTING SHUTTLES

Available for Braun's 100–150 lb. and 200–220 lb. batch tunnel washing systems.

Braun Nesting Shuttles store and transport extracted cakes from the extraction press to the dryer.

These automated delivery systems can include single or multiple elevating shuttles, depending upon individual needs.

SMOOTH, ERROR-FREE TRANSFER OF GOODS

- The ergonomics of loading and unloading Braun tunnels and dryers is greatly enhanced.
- Braun's inverter driven smart shuttle system basically eliminates much of the heavy work; providing a safe, smooth, error-free and complete transfer of goods.

Bumper and tape switch safety devices

SAFETY DEVICES

- Bumper and tape switch safety devices are standard on Braun Loose Goods and Nestling Shuttles. Scanners are available as an option. They ensure that shuttle hazardous motion will come to a complete stop in accordance with OSHA and ANSI safety requirements.

BRAUN

ISO 9001 CERTIFIED

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