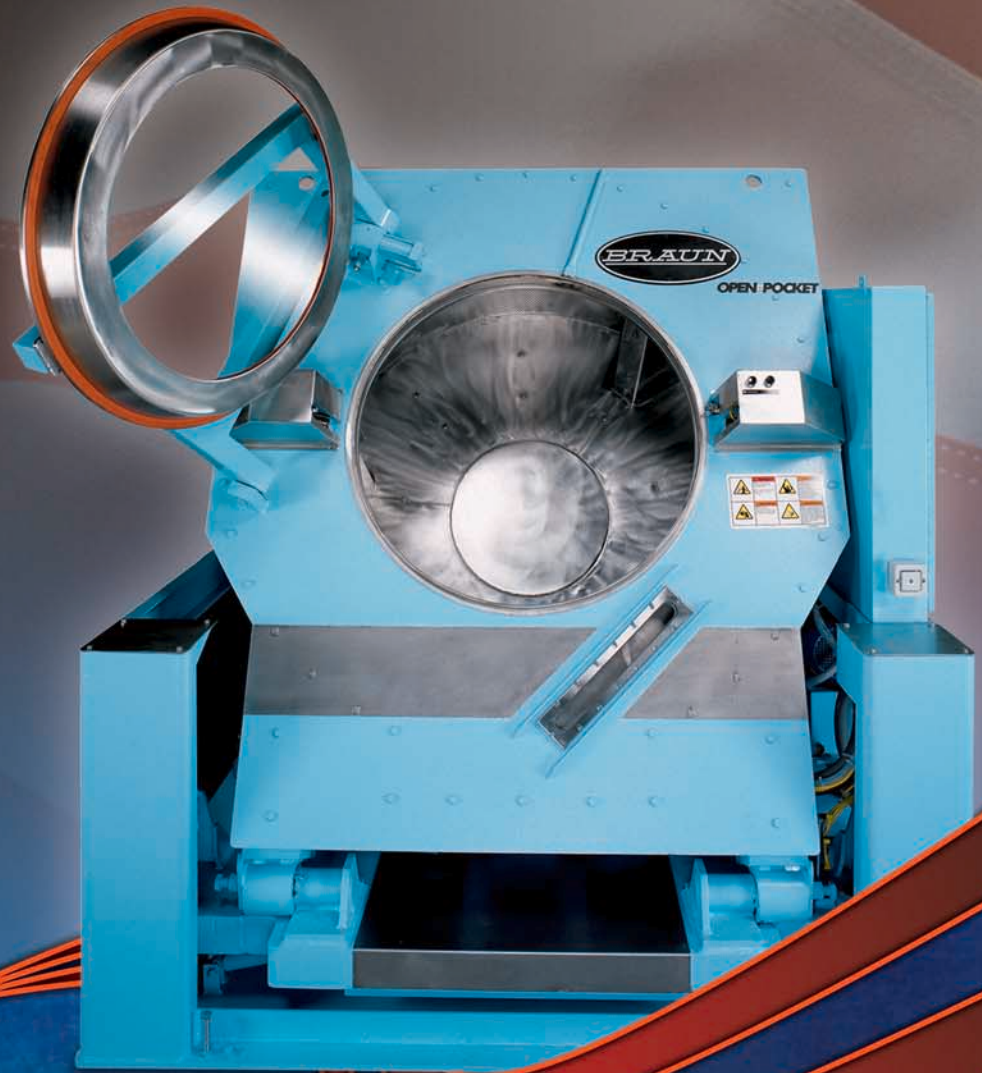
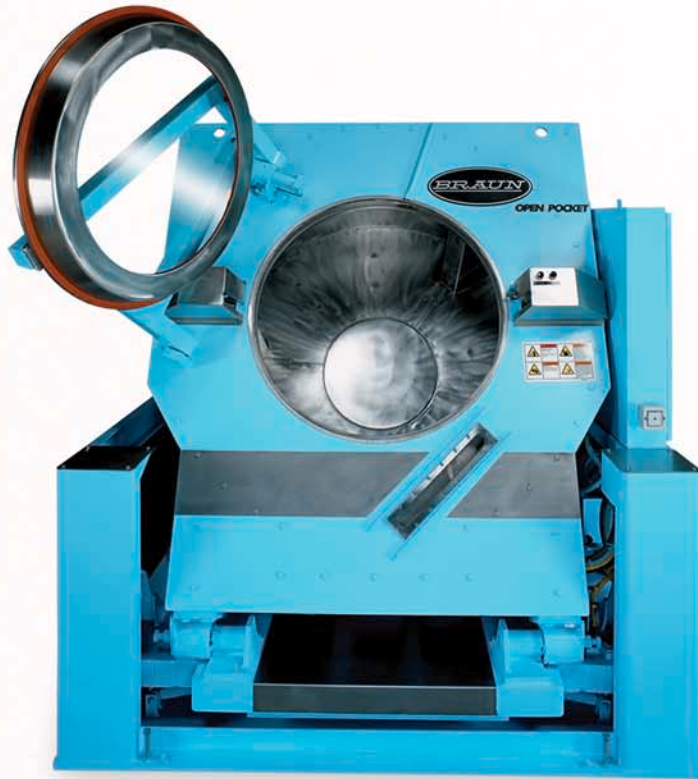


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# Computer Controlled OPEN POCKET WASHER/EXTRACTORS

## Braun Open Pocket Washer/Extractors



### **Braun 450 N2 OP**

*The washing capacity of a 450 lb. with a width of just 89 inches.*

Braun Open Pocket Washer/Extractors are created with ease of use in mind. Ergonomic design and user-friendly microprocessor controls allow one operator to simultaneously control several machines smoothly and effectively.

Open Pocket machines are mounted on Braun's Neutron Suspension to isolate vibration from the workspace. Because of the unsurpassed vibration dampening of the neutron suspension, Braun Open Pockets can be installed without a foundation, even on suitable upper floors.

This promotes less wear on major end components and provides outstanding durability and machine longevity.

Braun Open Pocket Washer/Extractors feature two-way tilting for safe, easy loading and unloading. Braun makes the most of G-forces in the extraction process with increased cylinder diameters, providing maximum, efficient water removal.

Whichever model meets your needs, Braun's design engineers will smoothly integrate the new machines into your plant layout to reduce the number of full time employees while optimizing material flow. Braun's team will use their years of integration expertise to assist you in developing the most efficient laundry system available today.

Braun Washer/Extractors with two-way tilting can now be networked into a fully automated laundry system. By linking Braun Washer/Extractors to an automated loose goods shuttle system and Braun Pass-Thru Dryers, your facility can be easily managed by one operator from a centrally located workstation running on Braun's Windows®-based Data Management software.

When you demand versatility, performance, efficiency and reliability, meet your needs from the wide range of Braun Open Pocket Washer/Extractors.



**Fully Automated  
Open Pocket  
Washer/Extractor  
System**



#### Braun 650 N2

*High volume doesn't come at the expense of convenience.*

*The 650 OP's 44" load and 40" unload height is comfortable for operators using chutes, slings, and automated systems in loading, and carts or conveyors in unloading.*

#### SINGLE-MOTOR DRIVE

Now standard on all Braun Open Pocket Washer/Extractors, Single-Motor Drive (SMD) is the latest advance in energy-efficient drive technology. Using only one motor, a Braun Open Pocket is economical to operate, easy to maintain and offers greater flexibility in program options.

A Braun Open Pocket with SMD ramps up to full speed smoothly — without stepping, without fixed speeds — to programmable extraction speeds up to 625 rpm. With smooth ramp up, SMD allows the machine to pin the goods and then go into higher extract speeds, removing more water quickly before sending the goods on to the dryer, ironer or tunnel finisher. More thoroughly extracted goods means shorter dryer times and lower natural gas costs. Additionally, it means finishing operations will require less cycle time and less energy.

Using fewer and less complicated parts, a Braun Open Pocket with SMD promises less down time and dollars spent on maintenance.

A Braun Open Pocket equipped with Single Motor Drive offers the most in washer/extractor reliability and performance.

#### 450 N2 and 650 N2 Open Pocket Washer/Extractors

The Braun 450 N2 and 650 N2 Open Pocket Washer/Extractors were designed to smoothly integrate into various plant layouts. These machines offer the largest processing capability in the industry per allocation of floor space. This is significant as operators look to maximize their productivity in their existing facilities. They are engineered for ease of use, space allocation limitation concerns, and ergonomics. A unique feature to these machines is that the suspension has been redesigned to reduce the washer/extractor's profile and to provide a reduction in vibration. The 450 N2 and 650 N2 provide versatility, outstanding performance, efficiency and reliability, with the washing capacity of a 450 lb. Open Pocket in a narrow width of just 89 inches, or a 650 lb. Open Pocket in a narrow width of 106 inches.

#### LOAD BALANCING

Braun Washer/Extractors are designed in such a way that the load balances itself prior to moving into the extraction phase. By slowly ramping up to a programmable extraction speed, Braun Washer/Extractors evenly distribute the wet goods against the cylinder, eliminating the need for artificial counterbalances. This balance method results in consistent thickness of goods throughout the cylinder, delivering a uniformly extracted load, free of wet clusters which greatly hinder the efficiency of your drying and finishing areas.



Braun 200 OP

# Open Pocket Washer/Extractor

## Standard Features

- Two-way tilt for safe load handling
- Microprocessor controls for easy operation and full programmability
- Mounted on Braun Neutron Suspension for a vibration-free workplace
- Automatically balanced load in extraction eliminates costly wet clusters
- Can be easily integrated into a fully-automated, complete laundry system

## Specifications

Open Pocket Model	200 Non-Tilting Single Motor Drive	200 Tilting Single Motor Drive	450 N2 Tilting Single Motor Drive	650 N2 Tilting Single Motor Drive
Maximum recommended capacity - lb/Kg	250/113	250/113	500/227	700/318
Cylinder diameter. x depth - in - mm	50 x 34 1/8 1270 x 864	50 x 34 1/8 1270 x 864	65 x 38 3/4 1651 x 984	76 1/4 x 39 3/8 1937 x 1000
Cylinder volume - cu ft/cu m	38.8/1.099	38.8/1.099	74.4/2.11	104.1/2.948
Cylinder loading angle	n/a	26°	26°	24°
Cylinder unloading angle	n/a	20°	20°	21°
Cylinder operating angle	2°	0-3°	0-3°	0-3°
Cylinder door area opening for loading - sq in/sq cm	1,256/8,103	1,256/8,103	1,256/8,103	1,809/11,671
Diameter of cylinder opening - in/mm	40/1016	40/1016	40/1016	48/1219
Height of unloading door above floor - in/mm	34/864	30/762	40/1016	40/1016
Height of loading door above floor - in/mm	34/864	35/889	42/1067	44/1118
Single motor - hp	20	20	40	40
Extract speed - rpm range	57-625	57-625	57-599	50-553
Wash speed - rpm range	30-57	30-57	25-57	25-57
Automatic drain valve - in/mm	6/152	6/152	8/203	8/203
Automatic inlet valve - in	1 1/4	1 1/4	2	2 1/2
Steam valve - in	3/4	3/4	1 1/4	1 1/4
Overall width - in/mm	89/2261	93/2362	89/2261	106/2692
Overall depth - in/mm*	85/2159	85/2159	96/2438	115/2921
Overall height - in/mm	82/2083	88/2235	98/2489	110/2794
Approximate domestic shipping weight (net), skidded - lb/kg	9,100/4,128	9,600/4,354	19,000/8,618	23,610/10,709

Standard electrical specifications: 208, 240, 480, 600 volts, 3 phase, 60 cycle.

For any characteristics other than the above, consult G.A. Braun, Inc., Syracuse, N.Y.

\*Plus safety rail for loading tilt angle.



**ISO 9001:2000 CERTIFIED**

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