

# 78/42

## TILTING WASHER/EXTRACTOR

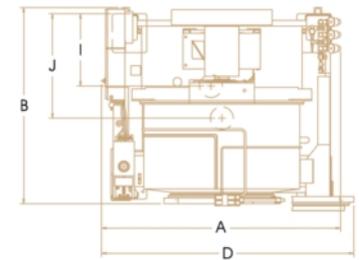


- OPEN POCKET STAINLESS STEEL CYLINDER (116 CU. FT. CAPACITY)
- TWO WAY HYDRAULIC TILT SYSTEM
- SINGLE MOTOR VARIABLE SPEED DRIVE (UP TO 300 G's)
- LARGE AUTOMATIC DOOR - (52" DIA.)
- TOUCHSCREEN COLOR MICROPROCESSOR CONTROL
- OPTIONAL WATER RE-USE FEATURE

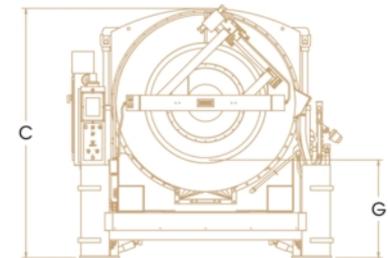


**BRIM LAUNDRY MACHINERY Co., Inc.**  
Solid Machinery. Powerful Support.

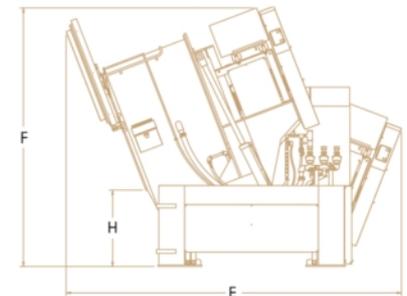
DIMENSIONS - in (mm)	
MODEL	<u>78/42</u>
A Shipping Width	125" (3,175)
B Shipping Depth	102" (2,591)
C Shipping Height	115" (2,921)
D Overall Operating Width	132" (3,353)
E Overall Operating Depth	176" (4,470)
F Overall Operating Height	143" (3,632)
G Door Bottom Height - Load	46" (1,168)
H Door Bottom Height - Unload	41" (1,041)
I C.L. Of Waste Drain	38" (965)
J C.L. Of Reuse Drain (Optional)	55" (1,397)



PLAN VIEW



FRONT ELEVATION



RIGHT SIDE ELEVATION



**B**rim Washer/Extractors blend the right combination of technology and common sense with the most rugged industrial machine design available anywhere in the world. Maximum productivity and quality are achieved with an end-loading open-pocket cylinder, which provides easy access as well as superior mechanical action during the washing process. In short, Brim Washer/Extractors deliver the performance and durability that you demand.



The Brim two-way hydraulic tilting feature extends the capability to quickly load and unload goods in either a stand-alone application or as part of an automated washing and drying system.



Brim's simple variable speed electronic single motor drive precisely powers the washing and extraction cycles, and eliminates high maintenance components such as multiple motors, clutches, and intermediate transmission devices.



Machine vibration is isolated by a heavy-duty suspension system consisting of coiled springs and vibration absorbers that work in conjunction with an electronic load balancing feature.

#### SPECIFICATIONS

MODEL	78/42
Capacity - lbs (kg)	675 (306)
Cylinder Diameter - in (mm)	78" (1,981)
Cylinder Depth - in (mm)	42" (1,067)
Cylinder Vol. - cu ft (liters)	116 (3,288)
Door Diameter - in (mm)	52" (1,321)
Hyd. Pump Motor - hp (kw)	5 (3.73)
Single Motor - hp (kw)	54 (40.28)
Wash Speed - rpm	5 - 35
Dist. Speed - rpm	35 - 65
Low Extract Speed - rpm	65 - 289
High Extract Speed - rpm	289 - 521
Maximum G - Force	300 G's
Electrical Service @ 480V	90 amp
Water Inlet Valve Size	2" NPT
Steam Inlet Valve Size	1-1/4" NPT
Drain Valve Size	8"
Overflow / Vent Size	3"
Compressed Air Inlet Size	1/4" NPT
Cylinder Loading Angle	21 degrees
Cylinder Unloading Angle	21 degrees
Number Of Formulas	99
Supply Injection Ports	6 Liquid
Shipping Weight - lbs (kg)	23,000 (10,433)

Specifications apply at time of printing (08/03)



All machine functions are controlled by the combination of a PLC and a TouchScreen microprocessor formula control used as the operator interface.



The heart of each Brim Washer/Extractor is the main shaft and special pillow block bearings, which are protected by easily replaced split seals.



Brim uses only the highest quality components, including pneumatically actuated angle globe valves for both water and steam injection.