

DOUGLAS[®]

WASHING AND SANITIZING SYSTEMS

BUYER'S GUIDE

Apex Bakery Equipment



Quick. Convenient. Powerful. Economical.

 **DOUGLAS
MACHINES
CORP.**

2101 CALUMET ST • CLEARWATER, FL 33765 • (727) 461-3477 • (800) 331-6870 • FAX (727) 449-0029

Designed To Make A Difference.

DOUGLAS MACHINES OFFERS A VERY SPECIAL ALTERNATIVE TO HANDWASHING.

A full line of washing and sanitizing equipment that will save you time and money... increase your productivity... and help you meet today's high standards of cleanliness and sanitation. Each model has been carefully designed and crafted to provide the perfect blend of convenience, performance and durability.

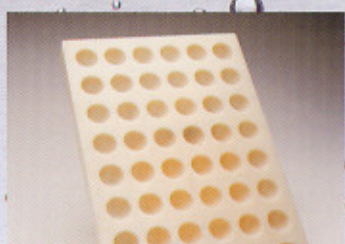
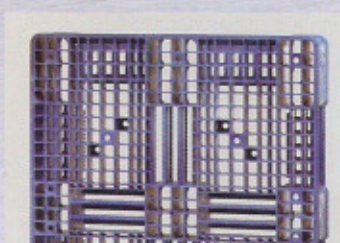
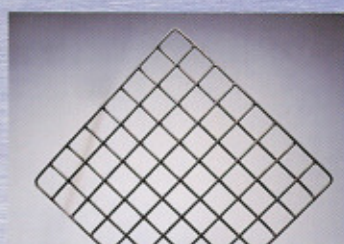
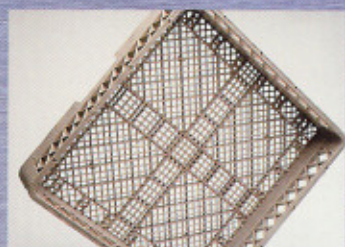
The ideal system for your company depends on the type and quantity of the items to be washed, the type of soil to be removed, the desired wash time, heating options, level of flexibility, space limitations, and budget considerations. Our experienced sales and engineering staff will be glad to help you identify the very best solution for your particular requirements.

Please explore this Buyer's Guide to get a quick overview of our standard offerings. For literature, specifications and pricing on these models or custom designed equipment, call us today at 800-331-6870!



Containers

Our product line is designed to quickly and efficiently clean containers of various sizes and shapes including pans, trays, bowls, molds, screens, pallets, lugs, totes, racks, bins, vats, baskets, buckets and other items commonly found in the bakery, meat, poultry, candy, foodservice and food processing industries.



Pan Washers



LD-20



LD-10



UTM-10



UTC-6

Panwashers come in a variety of styles and capacities. Choose from lift-door, split-door and drop-down door designs with or without optional tabling. Special pass thru models are also available.

These washers are push-button easy to operate and are loaded with convenience features. With flexible racking systems, automatic washing and sanitizing has never been easier.



LD-36



LD-6-PT



LD-12-PT



LD-12-CPT



LD-20-PT



SD-10



SD-20



SD-36

MODEL	DOOR STYLE	WASH PUMP	FLOOR SPACE	DOOR OPENING	SHEET PAN CAPACITY
UTC-6	Drop-down	2 HP	47 1/4" wide 24" deep	28 1/8" wide 19" high	6 per cycle 60 per hour
UTM-10	Drop-down	5 HP	36" wide 36" deep	29" wide 28 1/2" high	10 per cycle 100 per hour
LD-10	Lift-door	5 HP	30" wide 34" deep	24 1/2" wide 28 1/8" high	10 per cycle 100 per hour
LD-20	Lift-door	7.5 HP	50" wide 36" deep	40" wide 28 1/2" high	20 per cycle 200 per hour
LD-36	Lift-door	15 HP	85" wide 38" deep	74 3/4" wide 28 1/2" high	36 per cycle 360 per hour
LD-6-PT	Lift-door Pass-thru	2 HP	25" wide 29 1/2" deep	20" wide 28 1/2" high	6 per cycle 60 per hour
LD-12-PT	Lift-door Pass-thru	7.5 HP	39" wide 38 1/4" deep	28" wide 28 1/2" high	12 per cycle 120 per hour
LD-12-CPT	Lift-door Pass-thru	7.5 HP	41" wide 41" deep	30" wide 27" high	12 per cycle 120 per hour
LD-20-PT	Lift-door Pass-thru	15 HP	66" wide 36 1/4" deep	28" wide 28 1/2" high	20 per cycle 200 per hour
SD-10	Split-door	5 HP	36" wide 36" deep	26" wide 28 1/2" high	10 per cycle 100 per hour
SD-20	Split-door	7.5 HP	50" wide 36" deep	40" wide 28 1/2" high	20 per cycle 200 per hour
SD-36	Split-door	15 HP	83" wide 38" deep	74 3/4" wide 28 1/2" high	36 per cycle 360 per hour

Rack & Pan Washers



1536-N



1536-B

Installed in a pit or used with a ramp, these heavy duty washers quickly and efficiently clean carts, racks and cabinets plus an assortment of containers in special "roll-in" wash racks that are designed to hold your specific items. If preferred, an optional second door can be added for pass-thru operation. Select from standard models or have us custom design a machine and racking system to address your unique requirements.



2554



2554-B



Custom
Wash Rack



Custom
Wash Rack

MODEL	WASH PUMP	FLOOR SPACE	WASH CHAMBER	ROTATING HUBS	SHEET PAN CAPACITY
1527	15 HP	55" wide 50" deep	30" wide 32" deep 76 1/2" high	2 each side	27 per cycle 270 per hour
1536-N <i>(pictured)</i>	15 HP	60" wide 56 1/2" deep	32" wide 38 1/2" deep 76 1/2" high	2 each side	36 per cycle 360 per hour
1536-B <i>(pictured)</i>	15 HP	58" wide 72" deep	36" wide 42" deep 76 1/2" high	2 each side	36 per cycle 360 per hour
2554 <i>(pictured)</i>	25 HP	64" wide 80" deep	32" wide 62" deep 76 1/2" high	4 each side	54 per cycle 540 per hour
2554-B <i>(pictured)</i>	25 HP	66" wide 101" deep	36" wide 65 1/2" deep 76 1/2" high	4 each side	54 per cycle 540 per hour
2566	25 HP	70" wide 90" deep	38" wide 72" deep 84" high	4 each side	66 per cycle 660 per hour
3072	(2) 15 HP	74 1/2" wide 98" deep	38" wide 80" deep 84" high	4 each side	72 per cycle 720 per hour

Scale Parts Washers

Developed in cooperation with manufacturers of multihead weighers, Douglas Scale Parts Washers are designed to quickly and efficiently clean scale parts such as weigh and feed buckets, chutes, funnels, feed pans and other detachable items. Specialized wash racks can be loaded at the weigh station and transported to the washer for easy cleaning. Racks are available for all types and sizes and are designed to protect the parts during cleaning and extend their lifetime.



1536-SPW

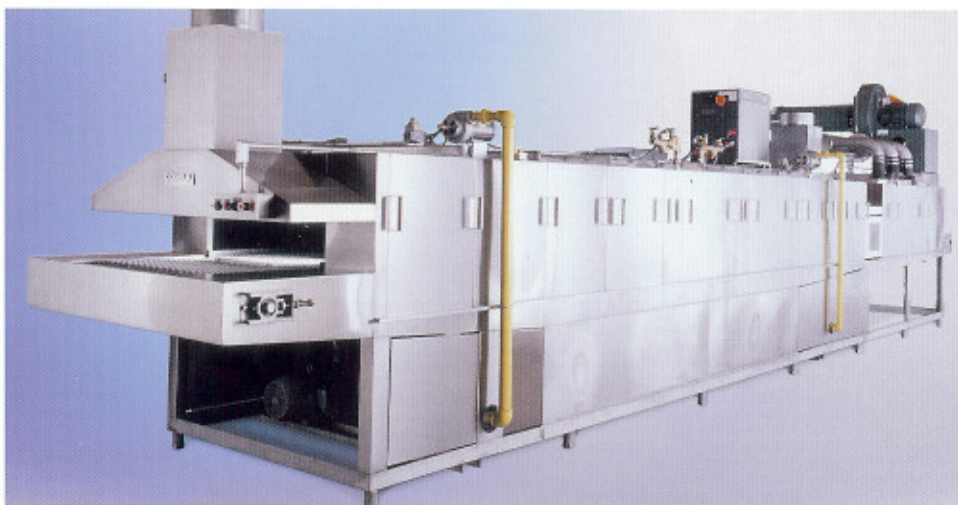
MODEL	WASH PUMP	FLOOR SPACE	WASH CHAMBER	ROTATING HUBS	APPROXIMATE CAPACITY
HD-12-SPW	7.5 HP	64" wide 40" deep	34" wide 28" deep 40" high	2 each side	12 Hoppers or 12 Feeder Pans
1536-SPW <i>(pictured)</i>	15 HP	58" wide 72" deep	36" wide 42" deep 76 1/2" high	2 each side	24 Hoppers & 12 Feeder Pans
2554-SPW	25 HP	66" wide 101" deep	36" wide 65 1/2" deep 76 1/2" high	4 each side	32 Hoppers & 16 Feeder Pans

Apex Bakery Equipment

Conveyorized Tunnel Washers

Douglas Tunnel Washers quickly and efficiently clean containers of various sizes and shapes including pans, trays, moulds, pallets, totes, crates, baskets, bins, barrels, drums, screens, smoke sticks, racks, buckets and lids. Select from over 40 standard models or rely on our expert sales and engineering staff to custom-design a solution to match your specific requirements. Washers can be configured with any combination of 4 standard sections: recirculating wash, recirculating rinse, fresh sanitizing rinse and blow-off. When required, a recirculating pre-wash can be also be added. Call for price lists, specifications and drawings on specific models.

- Rugged Stainless Steel Construction
- TEFC or Wash-Down Duty Motors
- Automatic Fill and Low Water Protection
- Reversible A.C. Variable Speed Drive
- Stainless Steel Roller Chain or Flat Wire Belting
- Stainless Steel Hoods with Steam Extraction Fans
- Load/Unload Tabling
- High Pressure Ambient or Heated Blow-Off Modules
- UL Listed NEMA 4 or 4X Control Panels
- Fixed or Adjustable Product Guides
- Removable Side Panels for Easy Access
- Electric, Gas or Steam Water Heating
- Removable Filter Screens for Easy Cleaning
- Single or Multiple Lane Designs



Rotary Batch Washers



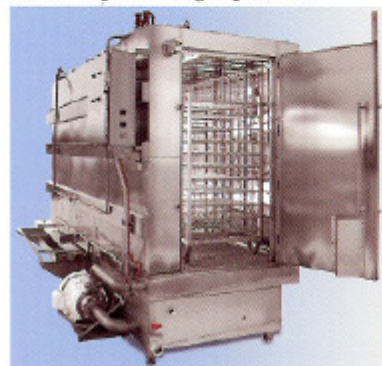
RBW-50

Rotary Batch Washers are designed to provide the same standard of cleaning as conveyorized tunnel washers but with a more modest footprint and capacity. A rotating table passes through a series of strategically located spray nozzles assuring that each container is exposed to a high pressure spray from a variety of angles. The flexibility, output and compact design of Rotary Batch Washers combined with one - man operation provide for a highly efficient washing system.

STANDARD MODELS	WASH PUMP	FLOOR SPACE	TURNABLE DIAMETER	SHEET PAN CAPACITY
RBW-50 (pictured)	15 HP	75 1/2" wide 62" deep	50"	16 per cycle 160 per hour
RBW-74	20 HP	99 1/2" wide 86" deep	74"	30 per cycle 300 per hour

Smoke Truck Washers

These powerfully efficient machines are designed to meet the harsh demands of the meat and poultry industry. Extra heavy duty construction combined with washdown duty motors and stainless steel nozzles, fittings and pumps allow the equipment to be used with caustic detergents to remove the most stubborn soils. An innovative automatic rinse diverter system conserves expensive detergents and significantly reduces operating costs. If preferred, an optional second door can be added for pass-through operation.



STW-2000

MODEL	WASH PUMP	FLOOR SPACE	WASH CHAMBER	OSCILLATING ARMS	CAPACITY
STW-2000 <i>(pictured)</i>	40 HP	120 1/2" wide 118" deep	45" wide 96" deep 84" high	4 each side 1 bottom	2 Smoke Trucks measuring up to 42" wide x 48" deep x 83" high
STW-3000	50 HP	124 1/2" wide 168" deep	45" wide 144" deep 84" high	6 each side 1 bottom	3 Smoke Trucks measuring up to 42" wide x 48" deep x 83" high
STW-4000	60 HP	133 1/4" wide 218" deep	45" wide 198" deep 84" high	7 each side 1 bottom	4 Smoke Trucks measuring up to 42" wide x 48" deep x 83" high

Vat, Bin and Trough Washers



VBW-1000

Douglas VBT Series Washers are designed to clean and sanitize vats, bins, troughs, tanks, trucks, combos, and other large volume containers commonly found in food processing industries. At the push of a button, it lifts and inverts containers into the wash/rinse chamber and then returns them to the floor.

STANDARD MODELS	WASH PUMP	FLOOR SPACE w/DOOR OPEN	MAXIMUM CONTAINER SIZE	CAPACITY
VBW-1000 <i>Vat Washer (pictured)</i>	25 HP	92" wide 135" deep	26" wide x 27 1/2" long x 37 1/2" high	1 per cycle 8-12 per hour
VBW-2000 <i>Draft Vat Washer</i>	40 HP	142" wide 139" deep	26" wide x 27 1/2" long x 37 1/2" high	2 per cycle 18-24 per hour
BW-1000C <i>Bin Washer (pictured)</i>	25 HP	118" wide 173" deep	48" wide x 48" long x 45" high	1 per cycle 8-12 per hour
BW-1000E <i>Economy Bin Washer</i>	25 HP	108" wide 194 1/2" deep	48" wide x 48" long x 45" high	1 per cycle 12-18 per hour



BW-1000-C

Garbage Can/Barrel/Drum Washers



GCW-1

Douglas Garbage Can, Barrel and Drum Washers are designed to clean open bottom or bunged hole containers (with option). The heavier duty BDW-1-HD features the extra jetting, larger pump and increased operating pressure needed to remove food soils from reusable containers.

STANDARD MODELS	WASH PUMP	FLOOR SPACE	MAXIMUM CONTAINER SIZE	CAPACITY
GCW-1 <i>Garbage Can Washer</i>	2 HP	35 1/4" wide 36" deep	24" diameter 35" tall	1 per cycle 10 per hour
BDW-1-HD <i>Barrel/Drum Washer</i>	7 1/2 HP	47 1/4" wide 33" deep	23 3/8" diameter 38" tall	1 per cycle 10 per hour

Cyclone Belt Washer

Wash belts, reduce down time, increase belt life and save water and labor with our patented Cyclone Belt Washer. Designed for maximum cleaning effectiveness, Cyclone's rotating spray head – with speed adjustment – cuts and removes stubborn soils from spiral conveyors, freezing tunnels and oven bands without the use of detergents! A portable cart allows you to move from one belt to another for quick cleanup. An optional high pressure blower is also available to aid in drying.



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