STANDARD FEATURES

- Perpetual rack advance system, with intuitive jam alert, and drive protection
- Proportional rinse, delivering unmatched total ware coverage, utilizing digital pattern cloning, stainless steel nozzles
- 209 racks per hour
- 100 GPH with energy sentinel (idle pump shut-off)
- Prodigy series HMI display, intuitive condition alerts, with user friendly cleaning and operation visual guidance, multi-lingual, touch control
- Proactive maintenance interface, self-diagnostics, problem recognition, with repair recommendation, from HMI touch screen
- Automatic tank fill
- Programmable machine dwell with automatic rack alignment into the optimal wash zone
- Leak-proof ball valve drains
- Single-piece hood design
- Single-piece stainless steel upper and lower wash arm manifolds
- Single point electrical connection, machine and built-in booster heater
- 20" standard vertical clearance which accommodates 18" x 26" sheet pans
- Full 180° opening leak proof insulated hinged access doors
- Stainless steel heavy gauge construction including base, legs and feet
- Enclosure panels (front and sides)
- 2 HP pump motor, with stainless steel impeller
- Factory Authorized Start-up
- Vent fan control
- ENERGY STAR® Qualified
- Made in America

SPECIFIER STATEMENT

Specified unit will be Champion Model 44 PRO-S steam high temperature rack conveyor dishwashing machine. Features top mounted Prodigy HMI user interface controls with proactive maintenance software, proportional rinse, using only 100 GPH, built-in booster, at a max of 15 amps for machine and booster, progressive anti-jam drive system, energy sentinel (idle pump shut-off), 209 racks per hour, single-piece hood design, single-piece stainless steel upper & lower wash arms manifolds, full 180° opening leak proof insulated hinged access doors.
1 year parts and labor warranty.
PRO SERIES

44 PRO Steam
High Temperature Rack Conveyor
Dishwashing Machine

Due to an ongoing value analysis program at Champion, specifications contained in this catalog are subject to change without notice.

Champion Industries, Inc., 3765 Champion Blvd., Winston-Salem, NC 27105 • 336/661-1556 • Fax: 336/661-1979 • www.championindustries.com

Utilities

1 Electrical Connection
   A Machine electrical connection and booster electrical connection

2 Hot Water
   Machine with built-in booster
   Main connection 3/4" NPT

3 Hot Water
   Machine with no booster
   Main water connection 3/4" NPT

4 Drain
   Connection 1 1/2" NPT

5 Steam
   1-1/4" NPT Machine & Booster
   (10-30 PSI) flow pressure

6 Condensate
   1" NPT Machine return to boiler. No back pressure.

7 Vents
   A Stack connection - Load end
   200 CFM @ 1/4" static pressure
   B Stack connection - Unload end
   400 CFM @ 1/4" static pressure

SPECIFICATIONS

Capacity
   Racks per hr. (NSF rated) ........................................... 209
   Wash tank (US gal) .................................................. 17
   Conveyor speed (ft/min.) ........................................... 5.8

Motor Horsepower
   Drive ................................................................. 1/6
   Wash ................................................................. 2

Water Consumption
   US Gal. per hr. (max. use) ......................................... 100
   US Gal. per rack .................................................... 48

Heating
   Tank heat, steam (lbs/hr. required at 10 PSI flow pressure) ..... 75
   Steam booster (lbs/hr. required for 40°/70° F rise) ............... 110
   Booster heaters completely inter plumbed, controls are interwired

Venting
   Load end (minimum CFM) ......................................... 200
   Unload end (minimum CFM) ...................................... 400

Standard 20" x 20" rack complement
   Peg ................................................................. 1
   Flat .............................................................. 1

44 PRO Steam Tank Heat with 40°/70° Rise Booster

<table>
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<th>Electrical Specifications</th>
<th>Rated Amps</th>
<th>Minimum Supply Circuit Ampacity</th>
<th>Maximum Overcurrent Protective Device</th>
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</table>

Warning: Plumbing and electrical connections should be made by qualified personnel who will observe all applicable plumbing, sanitary, safety codes and the National Electrical Code.

Note: Water Hammer Arrestor (meeting ASSE-1010 standard or equivalent) to be supplied (by others) in common water supply line at service connection.

Plumbing Notes: Because of the variation in house-supplied steam and water pressures, steam and water pressure regulating valves (PRVs) may be needed. (Water PRV is standard on machines with booster.) The PRVs can either be purchased from Champion or obtained locally.

Venting Notes: Fabricated duct size: 3-7/8" x 15-7/8" (Outside dimensions)

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PRO SERIES RACK CONVEYOR

44 PRO Steam
High Temperature Rack Conveyor
Dishwashing Machine

OPTIONS & ACCESSORIES

☐ 2 Hp prewash motor (see 66 PRO spec sheet)
☐ 48" Blower-dryer
☐ Booster Heaters (completely interplumbed, controls are interwired)
☐ Steam: 70°F rise
☐ 24" Sideload
☐ 30" Sideload (accepts sheet pans)
☐ Racks: peg or flat racks (specify type)
☐ Table limit switch, unmounted (recommended on all rack conveyor installations) (unmounted)
☐ Vent cowl, stainless steel with 7" stack and locking damper
☐ Water pressure regulating valve (unmounted)
☐ Water hammer kit (unmounted)
☐ Drain tempering kit (unmounted)
☐ Model CCT 90 (90° Corner Conveyor Table)
☐ Model RCT 64 or RCT 84 Roller Conveyor Table
☐ Table limit switch, unmounted (recommended on all rack conveyor installations) (unmounted)
☐ Vent cowl, stainless steel with 7" stack and locking damper
☐ Water pressure regulating valve (unmounted)
☐ Water hammer kit (unmounted)
☐ Drain tempering kit (unmounted)
☐ Model CCT 90 (90° Corner Conveyor Table)
☐ Model RCT 64 or RCT 84 Roller Conveyor Table
☐ Splash shields
☐ NEW Champion Ventless Heat Recovery (see spec sheet)
☐ ION scale prevention device (unmounted)