

Lavatrac BT90

Bottom Transfer Continuous Washer

LAVATRAC BT

The Lavatec Lavatrac series is the most successful range of continuous batch washers available. With a full range from 35kg up to 90kg batch sizes.

Adaptable, versatile and future-proof the Lavatrac features the best washing technology and performance in a competitive package that is easily adaptable to the customers own particular process requirements.



FEATURES

- Provit control
- Economic Drive System
- Double Skin Design
- Large loading Ratio
- Heavy Construction
- Stainless Steel Piping
- Full Hygiene Compliance
- Accurate Level Control
- Temperature Control

Fully programmable, XP based visualisation system, touch-screen interface

Unique 4x4 drive system, low power, interchangeable drives, ultimate reliability

Flexible, efficient double skin, counterflow design, the best washing technology

Large volume drum for excellent wash action

Very heavy construction, suitable for dustmats and the heaviest of duty cycles

Stainless steel covers, waterflow pipes, (optional) stainless drain pipes and valves

Full compliance with EU hygienic processing standards, optional ISO9000 traceability

Unique double skin allows for level monitoring to avoid blockages

Unique double skin allows for active control of temperatures for guaranteed disinfection

Thomas Broadbent & Sons Ltd.

Queen Street South
Huddersfield, England
HD1 3EA

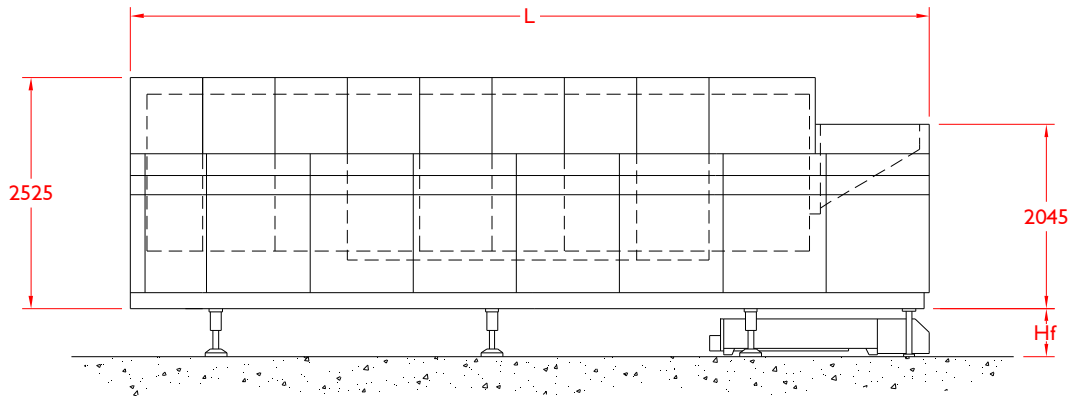
Tel: +44 (0)1484 477200

Fax: +44 (0)1484 516142

e-mail: bls@broadbent.co.uk

www.broadbent.co.uk

Technical Data BT90



Hf - Depending on Press/Extractor following the Batch Washer

| Number of Compartments | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | | | | |
|-------------------------------------|---------------------------------|-------|-------|-------|-------|-------|-------|-------|---------------------------------|-------|-------|-------|--|--|--|--|
| Output – 90kg Batches | | | | | | | | | | | | | | | | |
| 22 min cycle time | 1227 | 1472 | 1718 | 1964 | 2209 | 2455 | 2700 | 2945 | 3191 | 3436 | 3682 | 3927 | | | | |
| 26 min cycle time | 1038 | 1246 | 1454 | 1662 | 1869 | 2077 | 2285 | 2492 | 2700 | 2908 | 3115 | 3323 | | | | |
| 30 min cycle time | 900 | 1080 | 1260 | 1440 | 1620 | 1800 | 1980 | 2160 | 2340 | 2520 | 2700 | 2880 | | | | |
| Drum | | | | | | | | | | | | | | | | |
| Diameter in mm | 1950 | | | | | | | | | | | | | | | |
| Length compartment 1 in mm | 1400 | | | | | | | | | | | | | | | |
| Length compartment 2 etc. in mm | 950 | | | | | | | | | | | | | | | |
| Volume compartment 1 in litres | 4181 | | | | | | | | | | | | | | | |
| Volume compartment 2 etc. in litres | 2837 | | | | | | | | | | | | | | | |
| Water | | | | | | | | | | | | | | | | |
| Connection in DN mm | 50 | | | | | | | | 65 | | | | | | | |
| Consumption in lt/kg dry linen | 4 – 10 dependent on process | | | | | | | | 4 – 10 dependent on process | | | | | | | |
| Flow Pressure in Bar | 1 – 4 | | | | | | | | 1 – 4 | | | | | | | |
| Drain in mm | 150 | | | | | | | | 150 | | | | | | | |
| Steam | | | | | | | | | | | | | | | | |
| Connection in DN mm | 50 | | | | | | | | 65 | | | | | | | |
| Consumption in kg/kg dry linen | 0.2 – 0.45 dependent on process | | | | | | | | 0.2 – 0.45 dependent on process | | | | | | | |
| Pressure in Bar | 0.5 – 3 / 3 – 6 / 6 - 10 | | | | | | | | 0.5 – 3 / 3 – 6 / 6 - 10 | | | | | | | |
| Compressed Air | | | | | | | | | | | | | | | | |
| Connection in DN mm | 6 | | | | | | | | | | | | | | | |
| Consumption lt/min | 2 | | | | | | | | | | | | | | | |
| Pressure in Bar | 6 - 10 | | | | | | | | | | | | | | | |
| Electricity | | | | | | | | | | | | | | | | |
| Connected load in kW | 16.8 | 20.8 | 25.9 | 25.9 | 25.9 | 25.9 | 29.9 | 29.9 | 29.9 | 35.9 | 35.9 | 35.9 | | | | |
| Consumption in kWh | 11.8 | 14.8 | 18.1 | 18.1 | 18.1 | 18.1 | 20.9 | 20.9 | 20.9 | 25.1 | 25.1 | 25.1 | | | | |
| Exhaust | | | | | | | | | | | | | | | | |
| 2 Connections in DN mm | 100 | | | | | | | | | | | | | | | |
| Flow rate in m ³ /hr | 600 | | | | | | | | | | | | | | | |
| Maximum pressure in mBar | 5.3 | | | | | | | | | | | | | | | |
| Dimensions | | | | | | | | | | | | | | | | |
| Overall Length 'L' in mm | 7760 | 8710 | 9660 | 10610 | 11560 | 12510 | 13460 | 14410 | 15360 | 16310 | 17260 | 18210 | | | | |
| Width in mm | 2570 | 2570 | 2570 | 2570 | 2570 | 2570 | 2570 | 2570 | 2570 | 2570 | 2570 | 2570 | | | | |
| Weights of Batch Washer | | | | | | | | | | | | | | | | |
| Nett weight in kg | 9240 | 9940 | 10640 | 11340 | 12040 | 12740 | 13580 | 14280 | 14980 | 15680 | 16380 | 17080 | | | | |
| Operating weight in kg | 11940 | 13180 | 14420 | 15660 | 16900 | 18140 | 19520 | 20760 | 22000 | 23240 | 24480 | 25720 | | | | |

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