



WL = Wet Linen  
 ML = Moist Linen  
 E = Electric Supply  
 WR = Water Recovery DN 50  
 WO = Water Overflow DN 125  
 WD = Water drainage DN 125  
 OS = Operation Side

D = Floor Drain  
 A = Compressed Air R 3/4"

Entrance Dimensions:  
 Height = 2100 mm  
 Width = 1800 mm

Recommended minimum wall  
 clearance = 900

Subject to alterations

**Documentation**

**Broadbent Laundry Systems  
 Queen Street South, Huddersfield**

**Edition 0004**

<b><u>CAPACITY:</u></b>	up to 35 kg dry weight	
<b><u>TYPE:</u></b>	batch centrifugal extractor for fully automatic operation in conjunction with 25 kg and 35 batch washer systems	
<b><u>CYCLE TIME:</u></b>	minimum	180 sec
<b><u>LOADING:</u></b>	by direct flushing of the linen batch	
<b><u>UNLOADING:</u></b>	batch discharge onto integrated unloading conveyor after loosening the linen automatically by tilting the drum	
<b>LOADING</b>		
<b><u>UNLOADING DOOR:</u></b>		pneumatically operated
<b><u>CONSTRUCTION:</u></b>	all surfaces in contact with the linen are made of stainless steel	
<b><u>DRUM</u></b>	diameter x depth	940 x 845 mm
	volume	585 dm <sup>3</sup>
	bearing in solid center bearing	
<b><u>OUTER DRUM:</u></b>	tilt able and vibration absorbing in solid profile steel frame	
<b><u>DRIVE SYSTEM:</u></b>	three-phase current drive motor with adjustable speed range power transmission for drum acceleration via V-belt drive speed control: by frequency transformer with range of incl. waste-water pump, belt drive	19 - 960 rpm
	G-factor	500
<b><u>SEPARATE</u></b>	electronic SPS control	
<b><u>CONTROL PANEL:</u></b>	electrical connected load consumption	17,4 kW 3,5 kWh
<b><u>PNEUMATIC:</u></b>	compressed air compressed air requirement approx.	8 - 10 bar 450 dm <sup>3</sup> /cycle
<b><u>SAFETY CONTROLS:</u></b>	monitoring correct flushing of linen via photocell at linen chute and imbalance safety switch photocell at conveyor end	
<b><u>WATER TANK:</u></b>	for collection of extracted water capacity approx pumped back for reuse in the wash process	200 dm <sup>3</sup>
<b><u>DIMENSIONS:</u></b>	length x width x height (tilted)	2500 x 1750 x 2680 mm
<b><u>WEIGHT:</u></b>		net 2400 kg
<b><u>FOUNDATION:</u></b>	suitable for operational weight of approx no special foundation required, mounting by dowel pins (if floor is leveled )	2500 kg
<b><u>OPTIONS:</u></b>	safety disk brake, mechanically operated, pneumatically ventilated additional conveyor for trolley unloading	

Subject to alterations