

**PS+ 110 NT STA
Centrifugal extractor
PowerSpin PLUS in
stand-alone execution**

**Batch weight: 27 - 110 kg (net volume)
(Nominal loading blue workwear, 10%
overload possible)
Inner drum: 1,451 l**



The high output centrifugal extractor for optimum integration to existing washer tunnel systems.

The Power Spin PLUS combines low cycle times with high moisture extraction performance. The powerful drive system provides short cycle times and reduces energy consumption of the following systems. Cycle times are minimized by fast slow-down with gentle material treatment, including recirculation to the power supply. The gentle and electro-polished inner drum with special 3 mm perforation provides a hygienic detach of the linen. The zinc-coated base frame with cage-design achieves maximum stability. Aluminum panels anodized and stainless-steel coating for a longer lifetime of the machine. The stand-alone execution for optimum integration with continuous batch washers poses no problem.

Technical description:

Process engineering:

- Recovery tank with floor tank design and completely accessible
- Pipework and valves made from stainless steel
- Voluminous drain pipe
- Self-cleaning automatic quick drain valves with open/closed indicator
- The water level in the recovery tank can be monitored through the electronic pressure gauge

Energy saving:

- High moisture extraction performance through powerful drive system at short cycle times provides reduced energy consumption of the following systems
- The energy recovered during slow-down is recharged to the power supply through the frequency converter.

Drive system:

- Direct drive system with frequency control easy to maintain
- Short cycle times by accelerating and slow-down at 0 - 800 g in less than 50 seconds or 25 seconds for Turbo-version
- Freely programmable extraction speeds up to 800 g
- Direct drive with swiveling movements by 2 parallel direct drive gear motors
- Temperature control and automatic greasing of main bearing

Operation, programming, visualization:

- B+R PLC industrial controller, 99 processes including control of unloading conveyor
- User-friendly operating touch panel, IP54 enclosure with swiveling arm (mounting on site either on right-hand or left-hand side of machine)
- Servicing and displaying levels are clearly separated