



SPIRAL WASHING AND DRYING MACHINE



Your benefits at a glance

double-tracked Passage Washing Machine	Spiral-Washing Machine	
Overall length 18 m (with drying unit)	Overall length 8 m (with drying unit)	Space savings more than 50%
Section - washing 2 x 9 m Section - drying 2 x 7 m	Section - washing 27 m Section - drying 16 m	Section extension 50% 15%
Energy consumption for E-drive and gas heating 330 kW	Energy consumption for E-drive and gas heating 160 kW	Energy savings more than 50%
Investment costs total ca. € 250.000 ,-	Investment costs Approx. € 200.000,-	Investment savings min. 20%
Consumption costs for power, gas, water, chemicals total ca. € 38.000 ,-	Consumption costs for power, gas, water, chemicals Approx. € 22.000,-	Consumption cost Reduction more than 40%
Maintenance and service costs total ca. € 5.600 ,-	Maintenance and service costs Approx. € 3.500	Maintenance and Service cost Reduction up to 38%
Labour costs total ca. € 30.000 ,-	Labour costs Approx. € 22.500,-	Labour cost reduction up to 25%
Costs per container total ca. € 0,033 ,-	Costs per container Approx. € 0,023	Cost reduction per container up to 39%
	Calculated for a single-shift operation (8 hours) your savings are more than € 40.000 ,- per year	

The calculated values and annual costs are average values, may vary in the event of practical application due to external influences and refer to a capacity of 2000 containers per hour.

Key benefits

High performance and optimal cleaning results with little demand on floor space.

- **Space reduction** only 2,5 x 2,5 m of floor space due to vertical spiral construction
- **Flexible installation possibilities** variable positioning of the in/outfeed zone
- **Incomparable long processing station of 40-80 m** optimum cleaning and drying results
- **1500 - 3000 crates / hour** unsorted, efficiently and hygienically cleaned and dried
- **Efficient technology** spiral coil and turnstile, no chains or hold-down devices
- **spray nozzles** optimal cleaning of the frontal area
- **Energy-saving and environment-friendly** low consumption on water and energy
- **Maintenance-friendly** stainless steel construction with wide entrances
- **Single-tracked and compact design** easily integrated into new or existing conveyor systems



Spiral washing zone



Lower blow-off nozzles



Slide from spiral washing zone to drying zone



Upper blow-off nozzles

