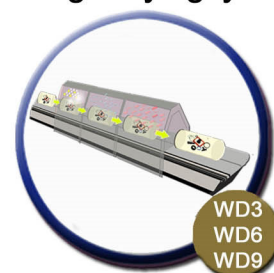


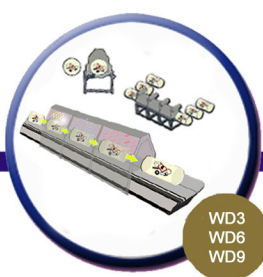
+49 (0)2264-20098-0

+49 (0)170-3263042

@ maschinenbau@eep-maschinenbau.de

Washing-/Dryingsystem





Deflashing machines for elastomers, plastics and zinc die-casts

High performance washing/drying machines for technical and medical rubber parts

Automatic inspection systems for rubber, plastic-, ceramic and metal parts

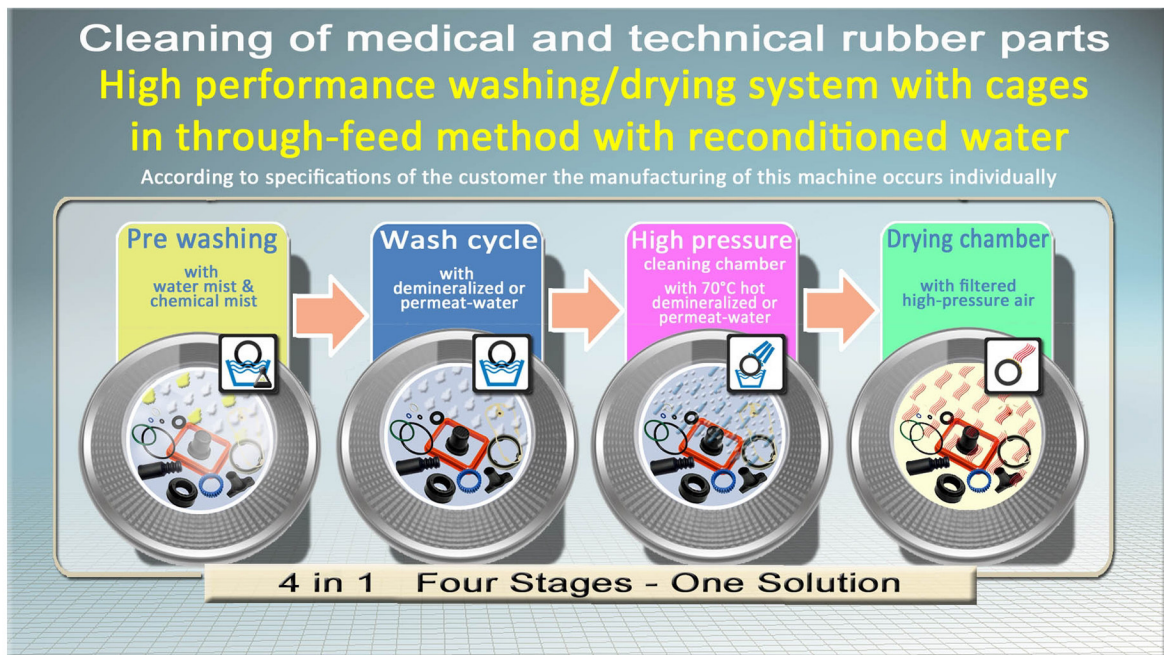
Surface treatments for elastomers

EEP
Maschinenbau &
Elastomerrecycling
GmbH



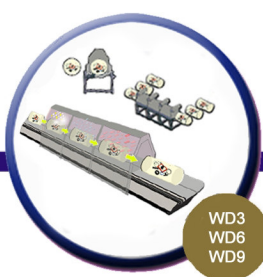
WD3, WD6 & WD9 High performance washing/drying system with cages in through-feed method – treatment with reconditioned water

The requirements of cleanliness and hygiene to medical and technical rubber parts are continually increasing. The customers desire cleanliness of parts, that could not be fulfilled by the limit values of the water regulation at your location. With these claims, we,- EEP-Maschinenbau –, have developed a completely new washing concept for the industry.



■ Operating sequence

- The parts to be washed are filled into a filling station and are positioned to the feed magazine by web-wired baskets¹ with lid.
- The baskets are conveyed now to the pre-washing chamber automatically and are sprayed with chemistry-water mixture² for 3 – 5 minutes while the moistened parts are rubbing against each other and detach dirt.
- In the next step a one-minute rinse with demineralized or permeate-water takes place to avoid a carry-over of cleaning chemicals to the next processing step.
- Automatic conveyance to the high-pressure³ cleaning chamber with 70° hot demineralized or permeate-water for 3 – 5 minutes. This water is regenerated by filters and fed back to the process cycle.
- Automatic conveyance to the drying chamber, where the parts are dried by filtered high-pressure air to a defined residual moistness. This residual moistness is required to avoid abrasion dirt and is dried after a short time.
- Conveyance to the removal unit.



- Deflashing machines for elastomers, plastics and zinc die-casts
- High performance washing/drying machines for technical and medical rubber parts
- Automatic inspection systems for rubber, plastic-, ceramic and metal parts
- Surface treatments for elastomers

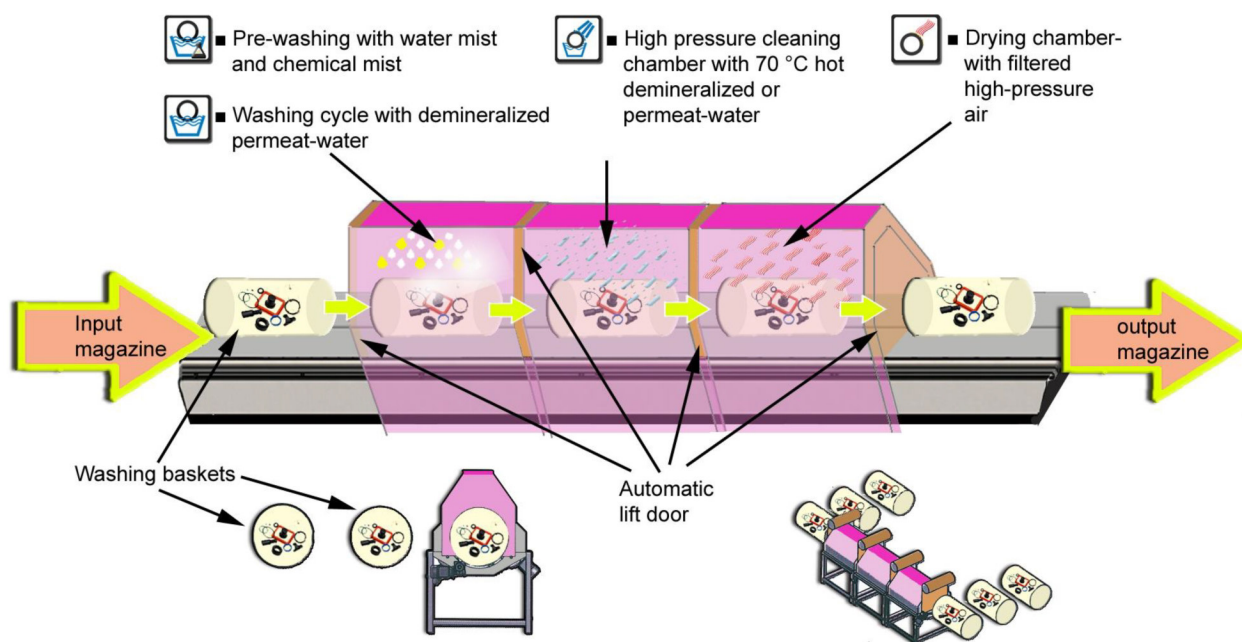
1. Web-wired baskets with corrugated wire avoid adhering of o-rings and flat parts and are available with perforation from 3 mm to 15 mm.
2. Biodegradable surfactant-detergents in a dilution of 1:100 per pass 0,5-1,5 l required
3. Standart high-pressure 150 bar at 15 l/min, higher pressures and liters according to your specification

■ Technical data

The dimensions of the through-feed method washing/drying machine depend on the basket dimensions desired

Standard dimensions are:

	WD 3	WD 6	WD 9
Diameter:	300 x lenght 500 mm	600 x lenght 700 mm	900 x lenght 1000 mm
Perforation:	3 mm – 15 mm	3 mm – 15 mm	3 mm – 15 mm
Size of machine including loading and unloading magazine (length/weidth/height):	3500 x 1700 x 2200 mm	4000 x 1900 x 2200 mm	5500 x 2000 x 2200 mm



The manufacturing of this machine takes place in accordance to the individual customer requirement specification.