

# CONVEYOR BELT TUNNEL PARTS WASHERS

**KNV**

## UTILIZATION FIELDS

This type of machines are utilized to clean the parts and their surfaces which are bulk produced with high volumes at shorter time frames from oil, chips or to clean the surfaces prior to painting in general.

It is utilized in:

- Automotive Industry,
- Coating Industry,
- Defence Industry,
- Electronics Industry,
- Food Industry,
- Metal Working Industry

## STANDARD FEATURES

Stainless steel body, stainless steel pump, temperature controller, precision filtration, vapor exhaust unit, speed controller, emergency stop button, heat insulation.

## WORKING PRINCIPLE

The parts, which will be processed through the conveyor belt tunnel parts washers, are placed in front of the entrance station in order to be conveyed through the washing, the rust removal, the rinsing, the phosphatizing, the passivation (protection against corrosion), the drying etc. stations respectively, without any manual operation for reaching the exit station.

The conveyor belt, which is designed exclusively in compliance with the parts to be processed, is made of 304 or 316 grade stainless steel and has excellent workload capacity. The speed of the conveyor is adjustable within a wide range via digital speed controllers. The circulation system is equipped with internationally recognized, corrosion-free pumps.

Heating system can be designed as electrical, heat exchanger or burner type upon request. The boilers and the upper section of the body is insulated for heat economy. Our PLC controlled systems enables to control the entire facility by using the operator panel. We deliver the safety measures such as automatic water filling and liquid level monitoring on each of our machines as standard.