

# ASP-T

Automated Surface Preparation – Tire



## ASP-T: Tire Mold Cleaning

**DIMENSIONS:**

Transport position (LxWxH):  
2700 mm x 950 mm x 2300 mm  
Stroke: vertical 3000 mm,  
horizontal 600 – 2.300 mm  
Weight: 2000 kg

**POWER REQUIREMENTS**

400 V, 32 A, 3 Ph; 3 kW

**DRY ICE HOPPER CAPACITY**

27 kg, 3 mm pellets supply

**HMI DISPLAY**

15" Multitouch-Control-Panel

**AIR SUPPLY:**

Min. 3 m<sup>3</sup>/min., min. 6 bar,  
ISO8573.1 class 1

**IoT CONNECTION:**

Remote monitoring and diagnostics  
with Cold Jet CONNECT™

**EQUIPMENT:**

Must be used on flat surface and place  
suitable for the designed work

**WORKFLOW:**

Operator transport system in front  
of the press

Secure and prepare press and connect  
utilities to the system

Prepositioning of the unit in manual  
mode

Robot performs cleaning depending  
on selected recipe, top and bottom  
sidewall in one process

System stops after cleaning

Remove unit after visual inspection by  
operator. Report can be saved.

Ready for next cleaning

AERO<sup>2</sup>  
PCS<sup>®</sup> 60

PCS = PARTICLE CONTROL SYSTEM



**Enhanced Features:**

- Cleaning in open or closed segment position
- Cleaning of 14" – 22" mold dimensions
- Tilt back press and hydraulic vertical press
- Automated selfcentering with intelligent sensor technology
- Single operator
- Easy to program
- Global presence, reproducible results, cross multi production plants

**ASP-T Features: Tire Mold Cleaning**

- 1** PCS<sup>®</sup> 60 dry ice blasting machine  
  
Unique nozzles designed for the tire industry  
  
28 different diamond shaped dry ice particle sizes – adjustable according to cleaning parameters
- 2** One panel control system with open design  
  
KUKA industrial robot
- 3** Windows 10 operating system
- 4** IoT Capability – Cold Jet CONNECT™
- 5** Safety features: SICK safety modules, blast protection wall, safety area monitoring, emergency stop system
- 6** General Beckhoff control systems, Stainless steel cover, SEW Eurodrive Motors, Festo pneumatic devices, Auto focus camera