CoboTend

Cobots Online

Developed with high-mix low-volume in mind, CoboTend is an easy to programme and simple to customise mobile machine tending operator, making repetitive tasks a thing of the past.

The self-contained unit incorporates lots of design features, enabling the user to lift and re-locate on another machine where and when required.

According to the manufacturer, CoboTend improves profitability by increasing throughput and productivity, whilst reducing labour costs & NCR's.

CoboTend has been developed by Cobots Online, who through their own experiences as a family-owned manufacturing company, understand the challenges and opportunities facing small and medium sized organisations. This is why the company has developed the CoboTend machine tending solution that helps manufacturers automate both high-mix low-volume and low-mix high-volume production.

Features:

- Quick tool changes allow end effectors to be changed to suit different components or applications
- Six axis cobot arm provides high flexibility in loading parts into and out of machines
- Component specific machined pallets are located by quick release dowel systems
- End effectors can be standard or customised easily to suit your components and deliver quick and accurate loading/unloading
- An optional laser part scanner can be pre-programmed to ensure each component is perfectly located prior to the cycle start
- Hydraulic zero point fixturing allows the CoboTend to be accurately re-positioned on another machine within minutes
- Simple plug and socket connections allow the unit to be swapped from one machine to another in minutes
- Dual laser scanners with multi programmable safety zone functionality monitor the work area for the presence of humans
- Initial investment repaid in less than a year with proper deployment

Specifications:

- **Software version required**

  Polyscope 5.13+

- **Certifications and standards**

  UKCA

- **What's in the box?**

  CoboTend Mobile Base

  UR10e

  NanoScan Scanner (optional)

  Dual Robotiq Hand-E (optional)

- **Dependencies**

  N/A (unless requested then an airblast will require air)

- **License type**

  One-time purchase