JAG Jakob Ltd Process Engineering,
your partner for plant construction and process automation offers the JAG BDS Touch-Panel-PCs, a powerful and effective solution for the visualization, monitoring and control of production processes.

The JAG BDS series was particularly designed to meet the most demanding requirements of the pharmaceutical, chemical, biotech, cosmetics and food industries.

**Features and benefits of the JAG BDS-15 Touch-Panel-PCs**

- Mounting frame in V2A steel, chamfered on all sides
- Protection category IP65 and FDA-compliant seals ensure optimum protection against dust, moisture, fluids and the majority of aggressive substances
- Low power consumption
- Suitable for use in control panels and cabinets in the production zone
- Powerful thanks to Intel Pentium Quad Core technology
- Software emulator available for applications that have originally been created for BDS-10 operator panels
- Stainless steel cabinet optionally available
**Mechanical data**

- **Mounting frame**: V2A steel, chamfered on all sides
- **Protection category**: IP65, FDA-compliant seals
- **Outside measurements (W x H)**: 378 × 312 mm
- **Panel cut-out (W x H)**: 361 × 285 mm
- **Installation depth**: 80 mm, minimal depth of the housing 100 mm
- **Mechanical fastening**: Screws on pivotet mounting blocks
- **Operating conditions**: 0 to +50 °C, 10 to 90% rel. humidity, non-condensing

**Electrical data**

- **Power supply**: 230 VAC or 24 VDC, max. 40 W
- **Display**: TFT 15”
  - XGA (1024×768)
  - 16.2 M colors
  - Contrast 800:1
  - LED backlight 450 cd/m²
- **Touchscreen**: Resistive, 5 wire
- **Processor**: Intel Pentium N4200
- **RAM**: 8 GB, DDR3L
- **Mass storage**: SSD, 256 GB
- **Operating system**: Win10 Embedded 64 bit
- **Interfaces**:
  - 2× Ethernet 1000Base-T
  - 4× USB 3.0
  - 1× RS 232
  - 2× HDMI

**Order information**

- **Touch-Panel-PC**: JAG BDS-15 V5
  - **Order number**: M019.020.027.155
  - Please specify the desired language version of the Win10 operating system

**Options**

- **Hygienic V2A housing, w/o cut-out for JAG IDS**: M004.000.860.200
- **Hygienic V2A housing, with cut-out for JAG IDS**: M004.000.860.100