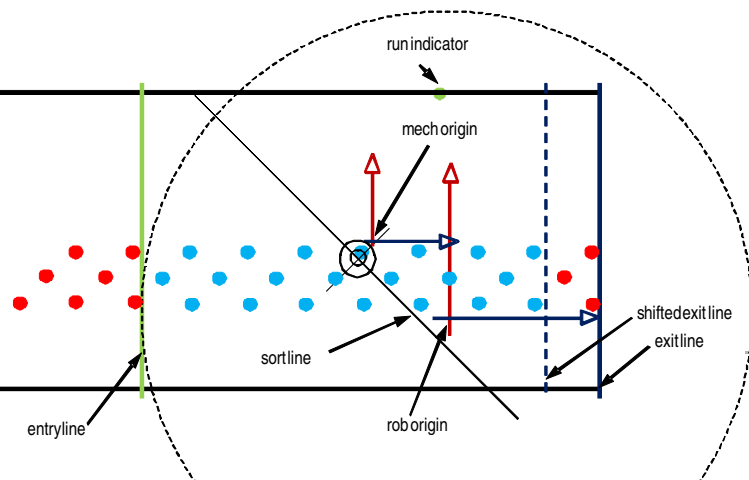


VELTRU

Machine builder and plant manufacturer can focus on the application – VELTRU offers the robots and additional technology required for a system integration in Pick-and-Place.

- 2, 3 and 4 axis standard robots
- OEM devices
- SoftPLC Control - fully programmable
- Machine Vision and other peripherals
- Multi robot software

- Engineering and Support
- Training Application



Based on the experience of many years of handling integration, VELTRU offers a system specifically tailored to fast Pick-and-Place applications. We are flexible to customer specific needs and ensure the product platform is maintained.

Our customers profit from fast time to market, flexibility to adapt to specific market needs in their niches and a hands-on support.

The CODESYS V3 based Soft PLC Motion Controller ensures developers, commissioning and field service engineers are familiar with the system.

For successful system integrations, especially in multi robot systems, VELTRU offers logistics concepts and technology for communication.

The source code training application gives system integrators a jump start for fast time to market.

D8 Delta Robot – payload 1kg
Workrange 800mm x 210mm
Cycle Time 25/305/25 – 0.1kg 0.4s

D12H Delta Robot – payload 3kg
Workrange 1200mm x 250mm
Cycle Time 35/700/35 – 1kg 0.6s

U10 Unloader – payload 6kg
Workrange 1000mm x 300mm
Cycle Time 40/700/40 – 2.5kg 0.8s

All robots have integrated EtherCAT servo drives.



C10 Motion Controller

The CODESYS V3 based SoftPLC offers conveyor tracking including tracking on circular or accelerated conveyors. Valves and other signals can be switched with events.

Peripherals can be connected using real time EtherCAT. Communication to machine vision, supervision systems and between robots is based on Ethernet TCP/IP. The connections are monitored and automatically reconnected.

The location, orientation and additional quality information of recognized parts are stored in the queue. This software module also allows controlling the speed of conveyors depending on the number of products in a specified range and offers a number of sorting algorithms. Visualization elements allow displaying the information for fast trouble shooting.

Application engineers are supported with further functionalities like alarm handling, storage of parameters and configuration data or the possibility to translate any text string into local languages for visualization. Typical uses are translating alarm messages or parameter names without altering the software.

VELTRU

VELTRU AG
Flurlingerweg 3
CH - 8245 Feuerthalen

Tel: +41 (0)52 654 03 80
Fax: +41 (0)52 654 03 81

info@veltru.com - www.veltru.com