Integrated Robotics

Sinumerik
Run MyRobot /Direct Control

Sinumerik RMR /Direct Control is a cooperation between Comau and Siemens
Run MyRobot /Direct Control

Leveraging Comau’s wide, high quality range of robots and Siemens’ smart solutions for processing machines, a dedicated portfolio for the full integration of Comau robots into the Siemens Sinumerik system is available today.

**Features:**
- Direct connection of the robot kinematics to the drives within the Sinumerik CNC system (Direct Control concept)
- Setup, operation and programming in the Sinumerik specific environment (Create my Config, G-Code, programmGuide)
- Preconfigured setting data for a selection of robots is available
- Continuous path control with Sinumerik (Single Controller)
- All CNC programming methods are employed
- Remote monitoring and diagnosis of the entire process
- Simultaneously performing qualified tasks with the machining time using a robot enables parallelization of machining steps

**Benefits:**
- HW reduction increases MTBF: avoiding an additional robot controller produces benefits for spare-part inventory and reduces the space needed for electrical equipment
- The full range of CNC functionalities is available to the robot, which makes for optimized path control
- Cost-effective monitoring of fault states and integration of in-house service and maintenance processes
- Robot-specific programming know-how: not required
- Easily synchronize processes between machine tools and robots
- Simple optimization of work processes on machine tools

Through this direct connection of the Sinumerik control with the robot, there is no need for an additional robot cabinet.

**Sinumerik provides intelligent interfaces up to fully integrated robot kinematics**
NOTE: Depending on the robot arm model of your choice, working areas, repeatability and axes, speed limitations might differ from the values that are declared in case of standard supply (robot arm and Comau control unit). Please check any possible discrepancy with SIEMENS.