Overview / Introduction

Pick and Place / Robot handling - Robot Offline Programming · https://convergent-it.com/tutorial/robot-pick-and-place/easy-pick-and-place/

Pick and place is a very different tasks to the others presented in the tutorial such as painting, sanding, inspecting, welding. It is not treating a work-piece. The workpiece is moved vom A to B. For a process-centric approach as ours - this procedure is fundamantalle different - so there is a differnt approach developped for it.

Actually, for pick-and-place two methods are implemented.

A eays and intutive - guided procedures - inspired by programming cobots in their cell. A look and feel of teaching a collaborative robot - just inside the virtual cell. And with modern features such as more optimal, collision-free motions planned. Or defining a orientation in case liquids or delicated parts are handled.

An expert mode - deerived from our automatic bin-picking. Define grasp and release points at parts to be handled and shelfes, pallets etc. in the environment. Than assign which point of the part is to be moved to which point in the environment - and in which order.

More comming soon