

#A2 : Worker		#A4 : Diagnostic tool
movable components are in an initial position for assembling [R001]	#G01 : Product Overall	dynamic parameters are available through diagnostic operation [R005]
#A3 : Assembly line	#SK02 : Production department	#A2 : Worker
software can be uploaded via diagnostic interface [R002]		Parts can be manipulated without pinching or cutting by sharp edge [R006]
#A3 : Assembly line		#A2 : Worker
failure memory can be cleaned through diagnostic interface [R003]		parts resist to dropping before mounting [R007]
#A3 : Assembly line		#A5 : Assembling environment
automatic functions can be inhibited through diagnostic interface [R004]		parts resist to electrostatic shock during assembling [R008]
		#A6 : Assembling tool
		parts resist to tightening effort [R009]

A product has to be assembled in good conditions to enable mass production. Assembling needs shall be clearly defined and detailed in requirements. System requirements describe the system commitment regarding stakeholder needs. Requirements traceability trace back to the expressed needs.