

Technical specifications:

Field of application	Standard (not hygienic)
Kinematics	Parallel
Translatory Degrees of Freedom (X,Y,Z)	2
Rotational Degrees of Freedom (α,β,γ)	0
Nominal payload [kg lbs] *	80 176.4
Working area-width [mm in]	850 33.5
Working height outside [mm in]	300 11.8
Working height center [mm in]	370 14.6
Bearing type of the arm joints	Roller bearing
Lubricants of the gearboxes	Food-grade (FO)
Cleaning	No high pressure
Ambient temperature [$^{\circ}\text{C}$ $^{\circ}\text{F}$]	0 to +40 +32 to +104
Relative humidity level [%]	95 (free of condensation)
Mounting position	Floor, Ceiling, Wall (on request), Angle (on request)

* All given values are nominal values (nominal payload referred to a nominal performance) and can vary under realworld conditions depending on the application (tool specifications, load distances, reduction (partly) of the nominal performance when using food-grade lubricants, ...). Please consider our technical data sheets regarding the load capacity.

Gearbox article number for this robot mechanics:

Function	Article number	Document
Drive of the upper arms	MT_WST00106212-xx-FO	Operating manual gearbox type 9 (PDF)