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## HHD DELTA RL3-1400-12kg

Article number: A\_00860



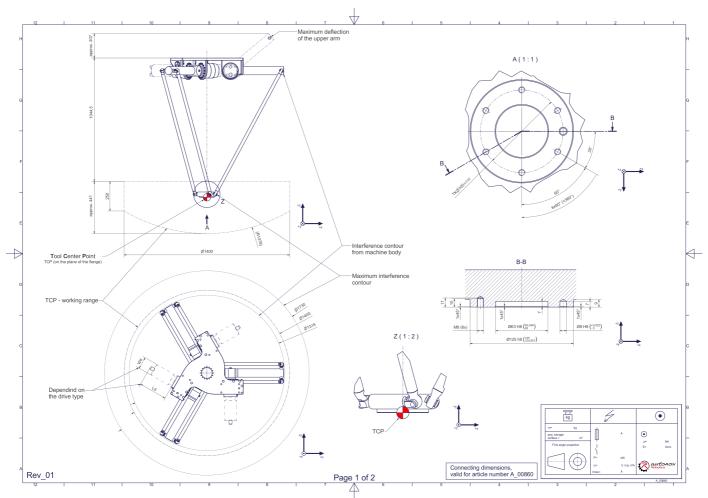
#### **Description:**

This type of robot is based on the principle of parallel kinematics. All drives are mounted in a fixed position on the robot head. Motor cables are not moved. The robot has three (3) translational degrees of freedom.

#### **Scope of delivery:**

Robot mechanics incl. gearbox, Servo motor adapter, Transport and packing instructions

#### **Connecting dimensions:**



<u>Downloads:</u> <u>Connecting dimensions (PDF)</u> <u>3D model (STP)</u> <u>3D model (PDF)</u>



# Product data sheet <a href="https://autonoxfinder.com/en/A">https://autonoxfinder.com/en/A</a> 00860

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#### **Technical specifications:**

Field of application	Hygienic 'HHD'	
Kinematics	Parallel	
Translatory Degrees of Freedom (X,Y,Z)	3	
Rotational Degrees of Freedom $(\alpha,\beta,\gamma)$	0	
Nominal payload [kg lbs] *	12   26.5	
Working area-diameter [mm in]	1400   55.1	
Working height outside [mm in]	250   9.8	
Working height center [mm in]	441   17.4	
Bearing type of the arm joints	Roller bearing	
Lubricants of the bearings	Food-grade (FO)	
Lubricants of the gearboxes	Food-grade (FO)	
Cleaning	Up to 28 bar   406 psi high pressure	
Protection class	IP69K	
Ambient temperature [°C °F]	0 to +40   +32 to +104	
Relative humidity level [%]	95 (free of condensation)	
Mounting position	Floor, Ceiling, Wall (on request), Angle (on request)	
Robot weight without drive engineering (esp. drive) [kg lbs]	104   229.3	
Special features	With stainless steel gearboxes (food-grade lubricants, but therefore reduced performance). To maintain the Hygienic Design requirements, we recommend the use of appropriate stainless steel motors.	

<sup>\*</sup> 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_WST00105111-xx-FO	Operating manual gearbox type 3 (PDF)