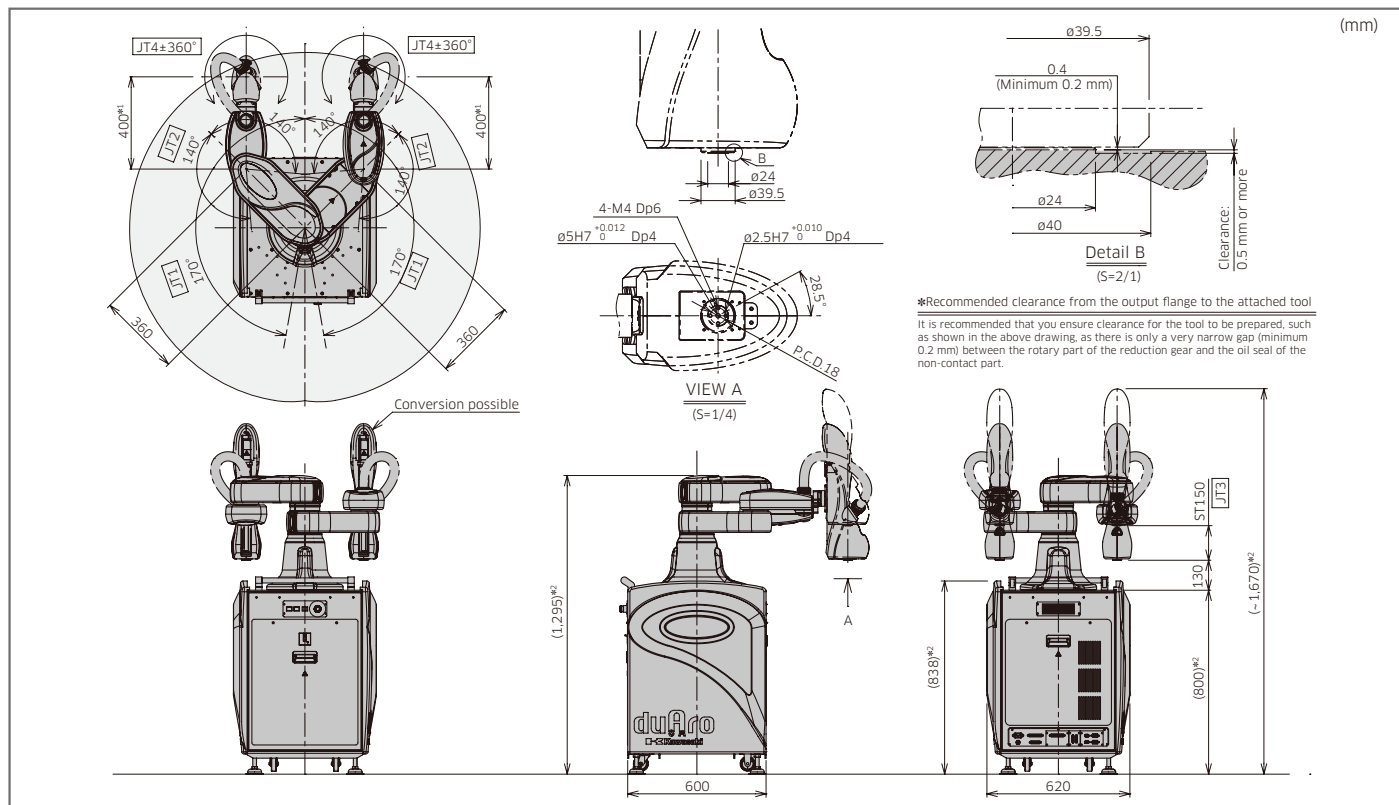


## Motion range & dimensions



- \*1: Dimension varies in case of other options or conversion  
\*2: Height adjustable by adjuster

## Specifications

		duAro 1	
Type		Horizontal articulated type	
Degree of freedom (axes)		4 × 2 arms	
Max. payload (kg)		2 (1 arm)	
Positional repeatability (mm)		±0.05	
Motion range (°)	Arm rotation (°)	Arm 1 (lower arm) -170 - +170 (JT1)	Arm 2 (upper arm) -140 - +500 (JT1)
	Arm rotation (°)	-140 - +140 (JT2)	-140 - +140 (JT2)
	Arm up-down (mm)	0 - +150 (JT3)*1	0 - +150 (JT3)*1
	Wrist swivel (°)	-360 - +360 (JT4)*1	-360 - +360 (JT4)*1
Controller (D61)	Number of controlled axes	Max. 12	
	Drive system	Full digital servo system	
	Coordinate systems	Joint, Base, Tool	
	Types of motion control	Joint/Linear/Circular Interpolated motion	
	Programming	Programming, Direct teach	
	Memory capacity (MB)	4	
General purpose signals	Input (Channels)	16 (Max. 32)*2	
	Output (Channels)	8 (Max. 16)*2	
Power requirements		AC200-220V ±10%, 50/60Hz±2%, 1ø, Max. 2.0kVA Class-D earth connection (Earth connection dedicated to robots), leakage current: Maximum 100mA	
Mass (kg)		about 145	
Installation		Floor	
Environmental condition	Temperature (°C)	5 - 40	
	Humidity (%)	35 - 85 (No dew, nor frost allowed)	

- \*1: Specification varies in case of other options or conversion  
\*2: Option



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