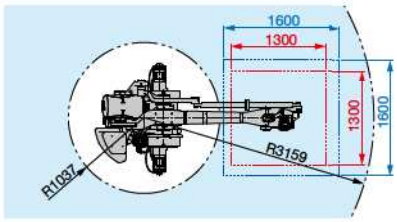
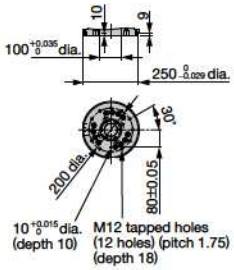
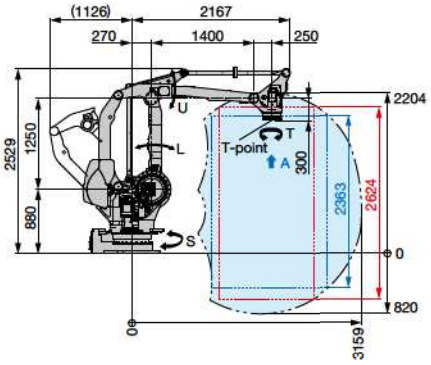
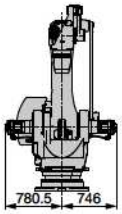
PL800









Model		MOTOMAN-PL800
Type		YR-1-04LXH800-A00
Controlled Axis		4 (vertically articulated)
Payload		800 kg
Maximum Reach		3159 mm
Repeatability*1		0.05 mm
Range of Motion	S -axis (turning)	−180° −+ 180°
	L -axis (lower arm)	− 45° −+ 90°
	U-axis (upper arm)	−120° −+15.5°
	T -axis (wrist twist)	−360° −+ 360°
Maximum Speed*2	S -axis (turning)	1.13 rad/s, 65°/s
	L -axis (lower arm)	1.13 rad/s, 65°/s
	U-axis (upper arm)	1.13 rad/s, 65°/s
	T -axis (wrist twist)	2.18 rad/s, 125°/s
Allowable Inertia ($GD^2/4$)	T -axis (wrist twist)	550 kg·m²
Approx. Mass		2560 kg
IEC Protection Class		IP54
Ambient Conditions	Temperature	0 ℃ to +45 ℃
	Humidity	20% to 80%RH (non-condensing)
	Vibration	4.9 m/s² (0.5 G) or less
	Altitude	1000 m以下
Power Requirements*3		8.0 kVA
Mounting		Floor

*1: Repeatability conforms to ISO 9283.
*2: The maximum speed in this table is the available maximum value and will vary depending on the load, posture, or range of motion.
*3: The power requirement value is obtained using Yaskawa's in-house measurement conditions and will vary depending on the load, motion pattern, or cycle time.