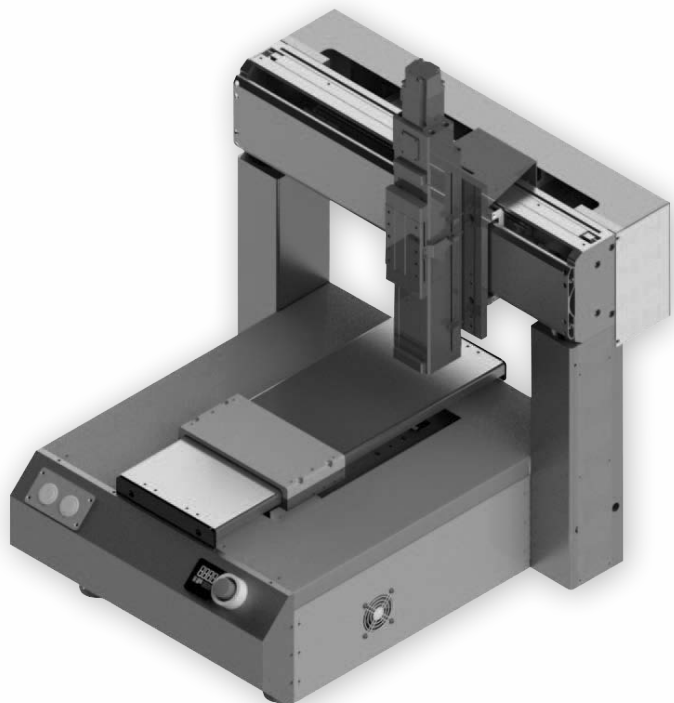
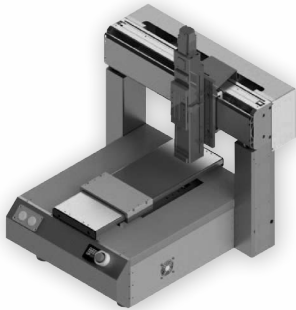


# *Desktop Robot*

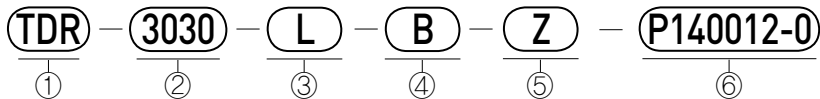




## Features

- Built-in linear motor
- Optimal for high speed and high precision work
- Linear motor driver equipped with silencer
- Superior ripple with high speed
- Strong body structure for durability
- Easy maintenance

## How to order



① **Series**  
TDR (Desktop Robot)

② **X, Y axis moving stroke (unit : mm)**  
Stroke of X and Y axis  
2020 : 200mm x 200mm  
3030 : 300mm x 300mm  
4040 : 400mm x 400mm

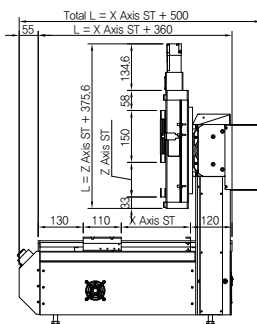
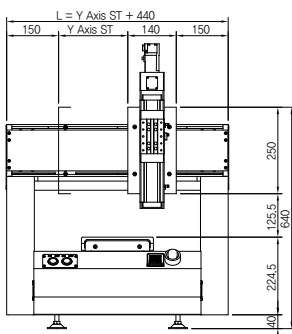
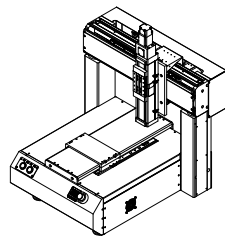
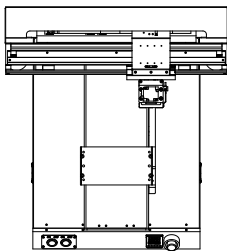
③ **Movement**  
L : Linear motor

④ **Color**  
Color of surface  
N : None  
B : Black  
W : White

⑤ **Option**  
Z axis  
Z : Z axis included (QS70 Series/Stroke : 100mm)  
N : Z axis not included

⑥ **Customization code**

## TDR Dimensions (unit : mm)



## TDR Specifications

Model	TDR-2020L		TDR-3030L		TDR-4040L		Option
Axis	X	Y	X	Y	X	Y	Z
Stroke	200mm	200mm	300mm	300mm	400mm	400mm	100mm
Movement	Linear motor						Stepping Motor
Max payload	15kg Less						5kg
Repetition accuracy	$\pm 3.0\mu\text{m}$ (@Linear Encoder Resolution : $1.0\mu\text{m}$ )						$\pm 10\mu\text{m}$
Flatness/squareness	$\pm 10\mu\text{m}$ / Full Stroke						$\pm 5\mu\text{m}$
Max speed	1,000mm/s						200mm/s
Program loading	PC(Ethernet)						
Voltage	Single phase AC220V						