

Dobot Specifications

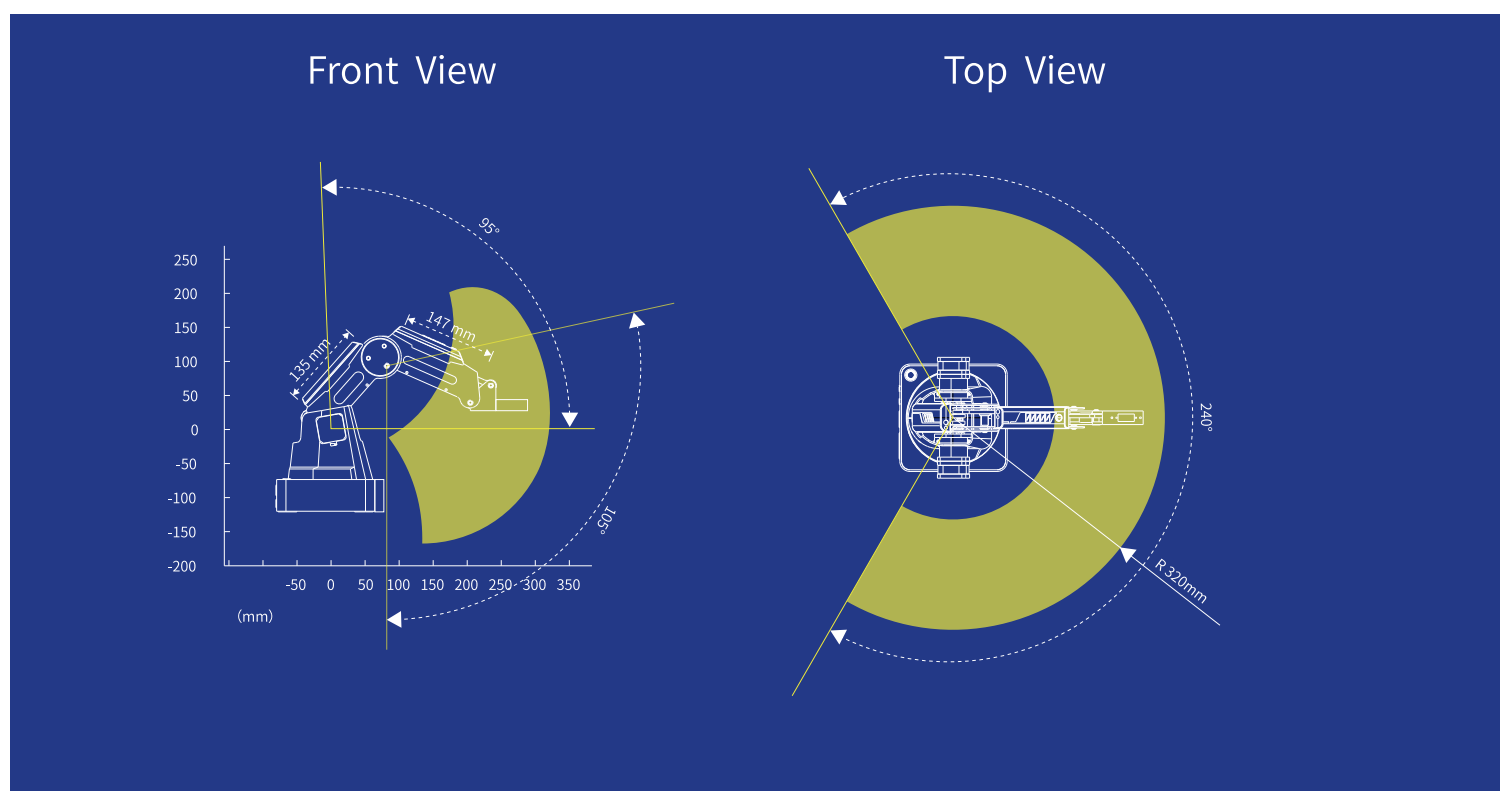
Specification	
Number of Axes	4
Payload	500 g
Max. Reach	320 mm
Position Repeatability	0.2 mm
Communication	USB \ WIFI* \ Bluetooth*
Power Supply	100 -240 V, 50/60 Hz
Power In	12 V / 6.5 A DC
Consumption	78W Max
Working Temperature	-10°C-60°C

Axis Movement		
Axis	Range	Max Speed(250 g workload)
Joint 1 base	-120° ~+120°	320 °/s
Joint 2 rear arm	-5°~+90°	320 °/s
Joint 3 forearm	-15°~+90°	320 °/s
Joint 4 rotation servo	-140°~+140°	480 °/s

Physical	
Weight	3.4 Kg
Base Dimension(Footprint)	158 mm × 158 mm
Material	Aluminum Alloy 6061,ABS Engineering Plastic
Controller	Dobot Integrated Controller
Robot Mounting	Desktop
Packing Size(L x W x H)	421 mm × 334 mm × 352 mm

Applications	
Software	DobotLab,DobotStudio, Repetier Host, GrblController3.6,DobotBlockly(Visual Programing editor)
SDK(Software Develop Kit)	Communication Protocol, Dobot Program Library
Extensible I/O Interfaces	1、 I/O × 10 Configurable as Analog Input or PWM Output
	2、 Controllable 12V Power output × 4
	3、 Communication Interface UART, Reset, STOP, 12 V, 5 V and two I/O included
	4、 Stepper × 2

Endeffectors		
3D Printer Kit	Print Size(L × W × H)	150mm × 150mm × 150mm
	Material	PLA
	Resolution	0.1mm
Laser *	Power Consumption	500 mw
	Type	405 nm (Blue laser)
	Power	12V, TTL trigger (With PWM Driver)
Pen holder	Pen Diameter	10 mm
Vacuum Suction Cap	Cap Diameter	20 mm
	Pressure	-35 Kpa
Gripper	Range	27.5 mm
	Drive Type	Pneumatic
	Force	8 N



Note: Above information is for reference only and subject to change without prior notice. Items marked with * are optional kits, not included in default package.