

DATA SHEET

NEX10

ROBOT

High-payload robotic solution combines extended reach, precision motion, and adaptive sensor integration to support intelligent handling, assembly, and material transfer applications in dynamic manufacturing environments.

KEY BENEFITS

- True Autonomous Adaptivity To Unstructured Environments.
- Incorporates Advanced, High-Inertia Sigma-X Servomotors
- Outstanding Positioning Accuracy And Absolute Accuracy, Designed To Minimize The Physical “Gap” Between Simulated Models And Real-World Execution.



APPLICATIONS ☒ ADAPTIVE ASSEMBLY | VISION GUIDED PICK & PLACE | HANDLING & TENDING | INTELLIGENT INSPECTION

ITEM	DESCRIPTION
Controlled Axes	6
Maximum Payload	10 kg
Repeatability	0.015 mm
Reach	1101 mm
Weight	58 kg
Power Requirement	1 kVA
Clean Rating	IP67
Mounting Options	Floor, Wall, Tilt, or Ceiling

AXES	MAX MOTION RANGE	MAX SPEED	ALLOWABLE MOMENT	ALLOWABLE MOMENT OF INERTIA
	degrees	°/sec	N·m	kg·m ²
S - Swivel Base	±180	300	-	-
L - Lower Arm	+145/-100	250	-	-
U - Upper Arm	-190/-70	340	-	-
R - Arm Roll	±190	500	22	0.9
B - Wrist Bend	+225/-45	470	22	0.9
T - Tool Flange	±360	800	11	0.3

