

DATA SHEET

NEXT35

ROBOT

AI-driven robotic solution combines adaptive sensing, precision motion, and intelligent automation to support handling, assembly, logistics, and material transfer applications in dynamic production 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 ☒ ASSEMBLY | HEAVY MANUFACTURING | TENDING | WAREHOUSE AUTOMATION | PACKAGING & PALLETIZING

ITEM	DESCRIPTION
Controlled Axes	6
Maximum Payload	35 kg
Repeatability	0.04 mm
Reach	2063 mm
Weight	370 kg
Power Rating	2.5 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	±170	180	-	-
L - Lower Arm	-140/-90	180	-	-
U - Upper Arm	+180/-82	200	-	-
R - Arm Roll	±200	350	110	4.0
B - Wrist Bend	+215/-35	350	110	4.0
T - Tool Flange	±360	400	60	1.5

