

Specifications	Dimensions LxBxH in mm	1180x207x90
	Weight in kg	<50
	Load Carrier Focus	Europallet Formats
	Operating System	ROS 2
	Communication	VDA 5050
Drivetrain	Wheels per Robot	4 Mecanumwheels
	Maneuverability	Omnidirectional
	Speed in m/s	1.5
Lifting System	Lifting Units per Skid	2
	Lifting Height in mm	90
	Max Payload in kg	2000
Battery System	Type	INR
	Runtime in h	8
	Charging Time in min	45
	Concept	Battery Swap Interchangeable Types Possible (e.g., Supercapacitors)
	Swap Time in min	<1
Sensor System	Localization, Navigation, Safety	Time-of-Flight
		Camera
		IMU
		Optical Flow
	other	NFC
Human-Machine Interaction	Status Display	E-Paper Display
	Optical Communication	LED
	Acoustic Communication	Speaker