

Bulsol



Applicable Vehicle Type
Box trucks



Cargo Type
Bagged materials



Rated Load Capacity
Up to 50kg / 110 lbs per gripper



Operation Mode
Loading & unloading
Throughput 60 min/truck



Core Structure

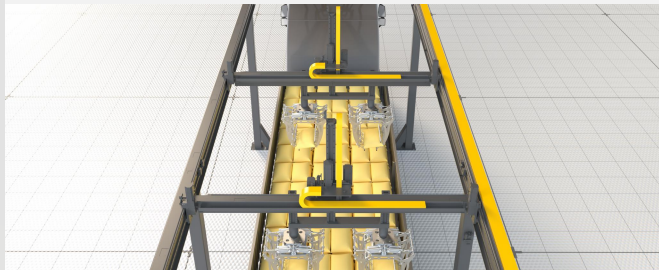
Gripper Structure

Designed for stable and safe bag handling.



Truss Structure

Stable, efficient design with high positioning accuracy.



Specifications

ENGOAL

Performance Indicators		Bulsol
Basic Parameters	Equipment Type	Gantry/Truss type
	Rated Load	50kg / 110 lbs per gripper
	X-axis Travel Speed	30m/min / 98.4 ft/min
	Y-axis Travel Speed	18m/min / 59.1 ft/min
	Mast Lifting Speed	8m/min / 26.2 ft/min
	Control Mode	PLC
	Operation Mode	Manual / Automatic
	Cable Management	Drag chain
	Color	Specified by the customer
	Positioning Accuracy	±5mm / ±0.2"
	Docking Height	Determined by on-site conditions
	Grippers	2 sets
	Cargo Detection	Vision system
Environmental Parameters	Vehicle Detection	3D scanning
	Working Temperature & Humidity	Normal room temperature, -5~45°C / 23~113°F; max humidity ≤95% (non-condensing)
Safety Protection	Noise Level	<85dB
	Safety Fence	Included
	Emergency Stop Button	Included

Compatibility

Requirements	Container/Pallet Specifications	Diagram
Cargo Type	Bagged materials	 Bagged materials
Max Weight per Bag	50kg / 110 lbs	
Dimensions	- Empty bag: 900×750mm / 35.4"×29.5" - Full bag (50kg): 800×(height)×180mm / 31.5"×(height)×7.1" - Full bag (40kg): 750×450×150mm / 29.5"×17.7"×5.9"	

