



KUKA AMR

_Intelligent Forklift Series



KMF 1500i-PJ

Pallet Jack forklift AMR



KMF 1500i-PJ		
Basic Parameters	Overall vehicle dimensions LxWxH	1715x940x2080mm
	Fork dimensions	180x60x1150mm
	Rated load	1500kg
	Weight	385kg
Fork Mechanism	Lifting stroke	120mm
	Load centre distance	600mm
	Wheelbase	1158mm
Motion Performance	Braking system	Electromagnetic braking
	Navigation mode	Laser SLAM
	Turning radius	1550mm
	Maximum speed (loaded/ unloaded)	4/5km/ h
	Maximum climbing ability (loaded/ unloaded)	3/5%
	Positioning accuracy	±10mm
Power System	Parking angle	±1°
	Battery	Lithium-ion battery
	Battery voltage/ capacity	24V/60Ah
	Driving motor power	0.65kw
Wheel Parameters	Lifting motor power	0.8kw
	Wheel material	Polyurethane Wheel(PU)
	Drive wheel	φ220x70mm
Environmental Conditions	Load-bearing wheel	φ84x84mm
	Applicable scenarios	Stringer Pallet
	Ground bearing capacity	1300kg/ m ²
	Minimum ground clearance	23mm

KMF 1500i-CB

Counterbalance forklift AMR



KMF 1500i-CB		
Basic Parameters	Overall vehicle dimensions LxWxH	2703x1110x2258mm
	Fork dimensions	120x40x1150mm
	Rated load	1500 kg
	Weight	2400kg
Fork Mechanism	Lifting stroke	1500/3000mm
	Load centre distance	600mm
	Wheelbase	1150mm
	Lifting speed (loaded / unloaded)	95/120mm/s
Motion Performance	Descent speed (loaded / unloaded)	85/100mm/s
	Braking system	Electromagnetic braking
	Navigation mode	Laser SLAM
	Turning radius	1511mm
	Max. speed(loaded/ unloaded)	5/6 km/h
	Maximum climbing ability (loaded/ unloaded)	3/5%
Power System	Positioning accuracy	±10mm
	Parking angle	±1°
	Battery	Lithium-ion battery
	Battery voltage/ capacity	24V、250/315AH
Wheel Parameters	Driving motor power	2.6kw
	Lifting motor power	3.0kw
	Wheel material	Polyurethane Wheel (PU)
Environmental Conditions	Drive wheel	φ250x82mm
	Load-bearing wheel	φ210x85mm
	Applicable scenarios	Stringer Pallet/ Block Pallet
	Ground bearing capacity	2935kg/ m ²
	Minimum ground clearance	60mm

KMF 1500i-PS

Pallet Stacker forklift AMR



KMF 1500i-PS		
Basic Parameters	Overall vehicle dimensions LxWxH	1725x1040x2115mm
	Fork dimensions	175x60x1150mm
	Rated load	1500kg
	Weight	1050kg
Fork Mechanism	Lifting stroke	2300/3500mm
	Load centre distance	600mm
	Wheelbase	1010mm
	Lifting speed (loaded / unloaded)	100/120mm/s
	Descent speed (loaded / unloaded)	110/110mm/s
	Braking system	Electromagnetic braking
	Navigation mode	Laser SLAM
	Turning radius	1315mm
	Max. speed (loaded/ unloaded)	4.5/4.5km/h
	Maximum climbing ability (loaded/ unloaded)	3/5%
Power System	Battery	Lithium-ion battery
	Battery voltage/ capacity	24V, 210/250AH
	Driving motor power	1.4kw
	Lifting motor power	3.0kw
Wheel Parameters	Wheel material	Polyurethane Wheel (PU)
	Drive wheel	φ230x70mm
	Load-bearing wheel	φ84x70mm
	Applicable scenarios	Stringer Pallet
Environmental Conditions	Ground bearing capacity	2000kg/ m²
	Minimum ground clearance	25mm

KMF 1500P-CB

Counterbalance forklift AMR



KMF1500P-CB		
Basic Parameters	Overall vehicle dimensions LxWxH	2750x1032x2304mm
	Fork dimensions	142x45x1235mm
	Rated load	1500 kg
	Weight	2650kg
Fork Mechanism	Lifting stroke	4500mm
	Load centre distance	600mm
	Wheelbase	1150mm
Motion Performance	Braking system	Electromagnetic braking
	Navigation mode	Laser SLAM
	Turning radius	1400mm
	Maximum speed (loaded/ unloaded)	3.6/4.5km/h
	Maximum climbing ability (loaded/ unloaded)	3/5%
	Positioning accuracy	±10mm
	Parking angle	±1°
Power System	Battery	Lithium-ion battery
	Battery voltage/ capacity	24V/210AH
	Driving motor power	2.0kw
	Lifting motor power	3.0kw
Wheel Parameters	Wheel material	Polyurethane Wheel (PU)
	Drive wheel	φ254x82mm
	Load-bearing wheel	φ210x85mm
	Applicable scenarios	Stringer Pallet/ Block Pallet
Environmental Conditions	Ground bearing capacity	3120kg/m²
	Minimum ground clearance	80mm



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