SIRIUS PALLET HANDLER SERIES AMR

Weight carrying Capacity	Kg	2500	
Navigation		Laser Triangulation	
Fork Lifting Height	mm	85-200	
Rear Body Height	mm	800	
Standard Fork Width	mm	550	
Fork Length	mm	1150	
Fork Thickness	mm	54	
Fork Width	mm	185	
Overall Length	mm	1835	
Overall Width	mm	800	
Minimum Turning Radius	mm	1720	
Clearance	mm	40	
Maximum Travelling Speed	km/h	5 (laden)	
		5.3 (unladen)	
Maximum Lifting Speed	mm/s	35 (laden)	
		45 (unladen)	
Maximum Lowering Speed	mm/s	50 (laden)	
		40 (unladen)	
Gradeability	%	6 (laden)	
		7 (unladen)	
Service weight without battery	kg	490	
Service weight with battery	kg	700	
Voltage	V	24	
Battery Capacity / Type	Ah	210 / Traction	
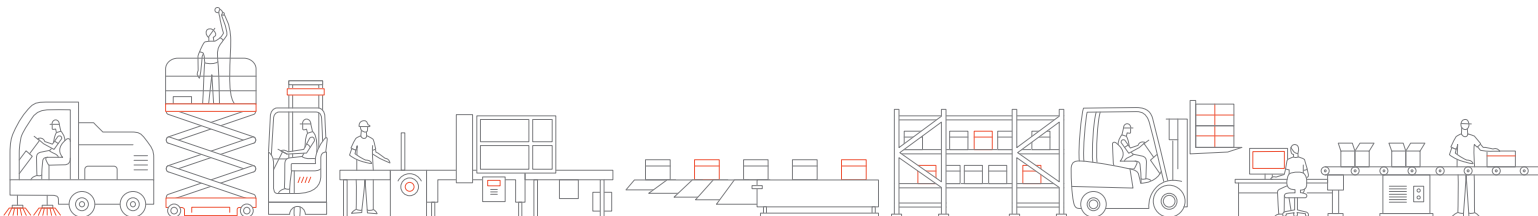
Safety Features		
Non-Contact Safety Sensor (Laser Scanner)	Diagonally Front and Back, with field switching and flexible safety zones along with additional for 3D safety as required *	
Protection Field	180°-210° in direction of motion (unidirectional) 360° all around safety (bidirectional)*	
Pallet Detection & Safety Sensor	Pallet Detection Sensors on Forks. 3D Camera for Obstacle Detection & Pallet 3D Safety *	
Emergency Stops	2/4 Emergency stops - Front and Back conforming with safety standards	
Audio and Visual Indication	Yes – Alarm Buzzer and LED with colour coding for error and alarm status	

* customizable