

Technical Specifications		
Description	Tunneling	Tugging/Towing
Payload (ton)	0.25 / 0.5 / 1 / 2 / 2.5	0.25 / 0.5 / 1 / 2 / 2.5
Navigation Technology	SLAM With 2D/3D Lidar	SLAM With 2D/3D Lidar
Direction Of Motion	Forward / Reverse	Forward / Reverse
In-Place Turn	360° Centre Wheel	Front Wheel Turn
Maximum Speed (m/sec)	1.2	1.2
Position Accuracy (mm)	± 20	± 20
Power Supply	Battery With BMS	Battery With BMS
Charging	Conductivity (Manual), Auto Docker, Battery Swapping*	Conductivity (Manual), Auto Docker, Battery Swapping*
Battery Type	Lithium-Ion, LFP	Lithium-Ion, LFP
Battery Running Time (hrs)	8	8
Charging Time (hrs)	2.5 - 4	2.5 - 4
Safety Features	Safety Lidar, 3D Camera, Safety PLC, STO , Emergency Stop , Brake	Safety Lidar, 3D Camera, Safety PLC, STO , Emergency Stop , Brake
IP Class	IP-52	IP-52
Communication Wifi	Industrial Wifi	Industrial Wifi
Gradient	3° with Front Wheel Drive	3° with Front Wheel Drive
Brakes	Electromagnetically	Electromagnetically
I/Os	Ethernet & USB	Ethernet & USB
Dimensions (mm)	1000(i) + 695(b) *250(h)	1000(i) + 695(b) *400(h)
Ground Clearance (mm)	30	50
Wheel Suspension	Yes	Yes
Trolley Locking	Manual Hitch / Auto Unhitch	Manual Hitch / Auto Unhitch