FUTURE-READY AUTONOMOUS SOLUTIONS

Safe, reliable and efficient, STROBO autonomous solutions are easily integrated into existing operations. They are ideal for routine material handling tasks in manufacturing, warehouse, seaport or airport environments. Incorporating LIDAR SLAM technology for dynamic path planning, and obstacle detection and avoidance, STROBO solutions communicate through the wireless network (Wi-Fi / 4G) to interface with ST Engineering’s open customisable Robotics Management System for autonomous operation in indoor/outdoor environments.

**Autonomous Pallet Truck**
- Collision detection and avoidance
- Advanced pallet detection and recognition
- Interfaces with Warehouse Management System for seamless operation
- Autonomous battery charging
- Fast-charging Lithium ion battery

**Autonomous Forklift**
- Collision detection and avoidance
- Suitable for outdoor operation
- On-demand or pre-scheduled moving and stacking
- Interfaces with Warehouse Management System for seamless operation
- Lead-Acid battery with Lithium ion battery option

**Autonomous Pallet Stacker**
- Collision detection and avoidance
- Advanced pallet detection and recognition
- Pallet stacking from ground to shelf racks
- Interfaces with Warehouse Management System for seamless operation
- Autonomous battery charging
- Fast-charging Lithium ion battery

**Autonomous Tow Tractor**
- Collision detection and avoidance
- Suitable for outdoor operation
- Fast-charging Lithium ion battery
- Towing load of up to 15,000kg

INTEGRATED WITH SMART AND SECURE TECHNOLOGIES

Harnessing the power of technology and smart engineering, every STROBO autonomous solution is integrated with ST Engineering’s open customisable Robotics Management System, which allows seamless operation and fleet management with existing infrastructure.