



# HYSTER ROBOTICS

S1.0-1.5C, L02.5, L07.0T

**STRONG PARTNERS.  
TOUGH TRUCKS.™**

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# COST CONTROL THROUGH INNOVATION

Robotics technology is designed to maximise efficiency in the repetitive mundane elements of materials handling operations. Human operators are poor at repetitive tasks, with error levels increasing over time, and lack of stimulation also results in high staff turnover levels. Utilising a combination of operator driven and robotic trucks will result in higher job satisfaction levels as well as increased productivity.

The most significant cost element in many materials handling operations is the operator, in terms of salary and training costs as well as potential equipment damage, and variable work quality.

Although the initial cost of robotic trucks may be higher than a manually driven truck, even a single shift robotic operation is likely to show cost benefits within 2-3 years. For multi-shift operations the return on investment can often be realized in under 2 years.

- lower labour costs
- reduced damage to goods
- increased productivity
- lower staff turnover

## AVAILABLE MODELS:

- S1.0-1.5 Counterbalanced Stacker
- L02.5 Low Level Order Picker
- L07.0T Tow Tractor





## MAXIMISING PRODUCTIVITY

With current industry wide inventory accuracy levels of over 98%, the potential to correct the inaccuracy may not seem worthwhile. However, ever-increasing pressures on costs and schedules make every percentage increase in productivity valuable.

Simple routine tasks are required to be completed more and more quickly, which will inevitably result in higher error levels by operators. Inventory accuracy will be increased by the use of robotic trucks for routine repetitive tasks. Our robotic forklift trucks are designed to interface with warehouse management systems and can therefore be tracked in real time. Knowing exactly where goods have been placed helps reduce time lost in searching for misplaced items.

### WHAT IS COBOTICS?

The Hyster Driven by Balyo technology system maps existing physical structures and is highly adaptable in order to accommodate new or multiple routes as well as changes in the working environment. The navigation system is very economical and does not require laser reflector systems, guide wires or magnets to operate. This ensures an easy collaboration (COBOTICS) between manual and robotic operations, which allows both to operate in the same environment and to interact in a reliable manner.





## LEADING THE WAY

Robotics is a rapidly growing feature of materials handling operations. Current adoption levels of 35% are forecast to increase to 80 or 90% within the next 18 months, making this an industry standard rather than just for innovative operations.

Hyster fully understands the concerns of adopting cutting-edge technology. We are proud of our reputation for producing forklift trucks that are both reliable and durable, and this was an essential consideration in the development of this range of robotic forklift trucks.

All the models are designed to function in the same environment as operator driven trucks without the need for expensive additional infrastructure. Navigation uses existing structural features, making the system both economical and easy to install into your existing operation.



## EASY SERVICE, MORE UPTIME

The extensive Hyster dealer network is second to none in our industry.

Adding a Hyster solution to your operation gives you the benefit of reliable service support from experienced dealers who have the knowledge to keep your operation running smoothly.

The option of Hyster Telematics to manage your Robotics forklift trucks more effectively will maximise uptime and productivity as well as eliminating bottlenecks and helping reduce unnecessary costs.






**HYSTER EUROPE**


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Hyster products are subject to change without notice. Forklift trucks illustrated may feature optional equipment.