

SHEET CUTTING AUTOMATIC LOADING AND UNLOADING SYSTEM

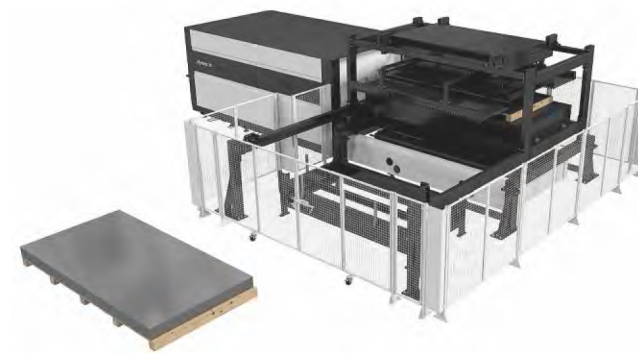
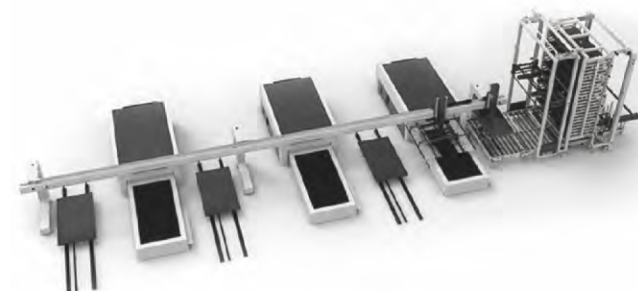


International Technology • Australian Service

Fully Automatic High Volume Laser Cutting Flexible Production Solution

Hymson Laser provides you with an automated solution — FMS flexible production line, which realizes intelligent, advanced, efficient and fully automatic production and processing through a diversified combination, greatly improving the processing efficiency of the factory.

- With the increase in social demand for product diversification, low manufacturing cost and short manufacturing cycle, the traditional manufacturing technology can no longer meet the market, and all industries are trying to break through the low efficiency and high price of labor costs; especially in the field of laser processing, the work of manual loading and unloading is highly repetitive and the work time is long, therefore the low efficiency has become a pain point in the industry.
- The connection of a single or multiple Hymson laser cutting equipment with the control system, three-dimensional warehousing unit, material taking device, laser loading and unloading robot, etc. achieves an all-weather unattended automated production line, including automatic storage, loading and cutting of plates, finished product unloading and waste disposal.



High Efficiency

Flexible Manufacturing System is an effective solution to reduce production cost and improve production efficiency. Using this intelligent automation system will gain a better advantage in the market competition.



Fast Speed

Automatic loading and unloading will reduce 35% material loading and unloading time compared to a single operator, and the automatic system can be continuous used in a long time, with a variety of materials and thicknesses that can be discharged and finished according to production requirements automatically.



Consistency

The automatic system completes each production process in an orderly manner according to the settings, effectively maintaining consistency. On the other hand, in the case of manual operation, the time between each work cycle varies according to the human status.



Production Capacity

A factory that relies on manual labor to load and unload materials would require additional machines in order to increase production, as well as additional operators, whereas a factory with an automatic system would only require additional machines, no additional labor.



Safety

The production site situation is more complex, manual loading and unloading may easy to cause accidents since they maybe bumped, or fatigue overlooked safety. Instead, the automatic system is completely by program and requires no human intervention.

