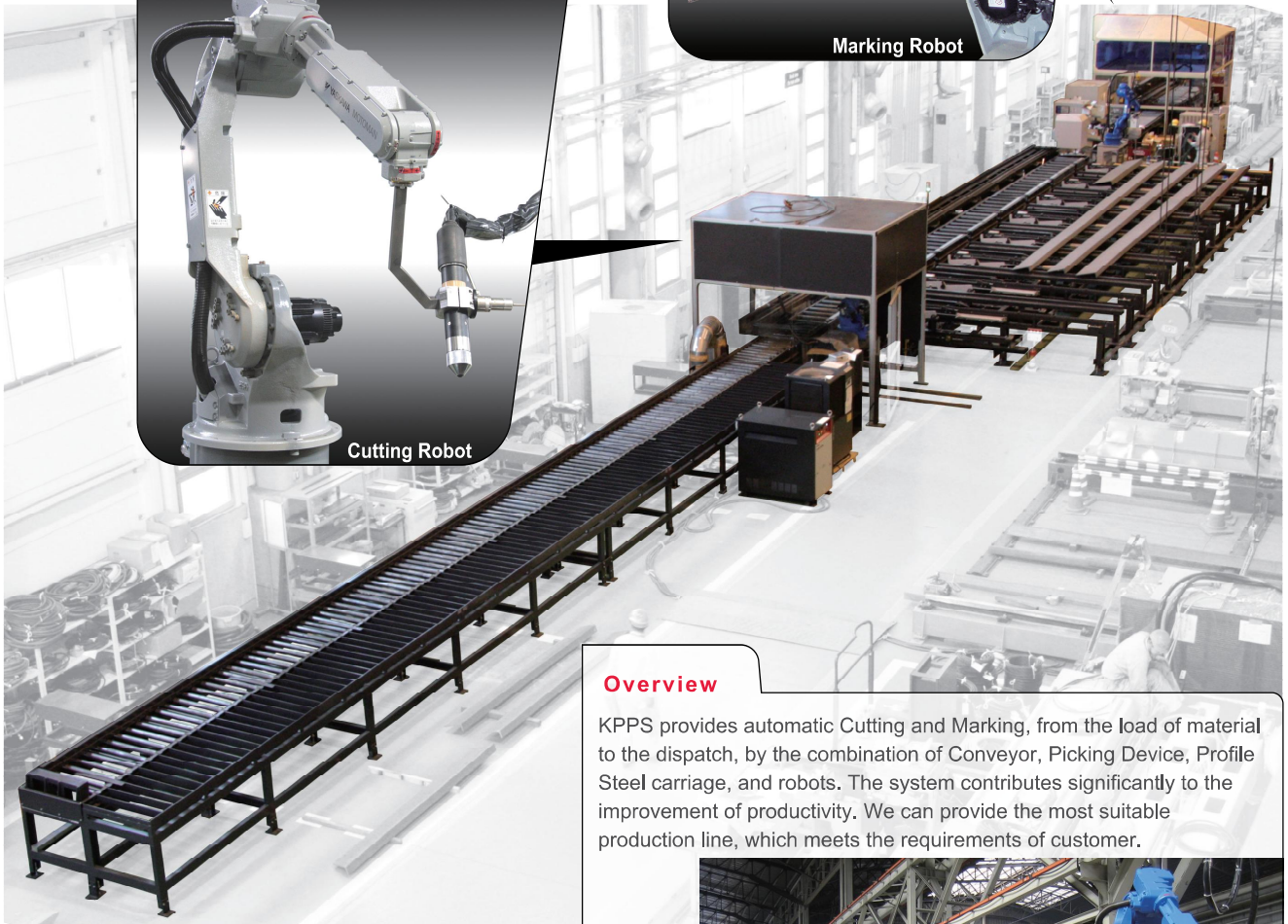
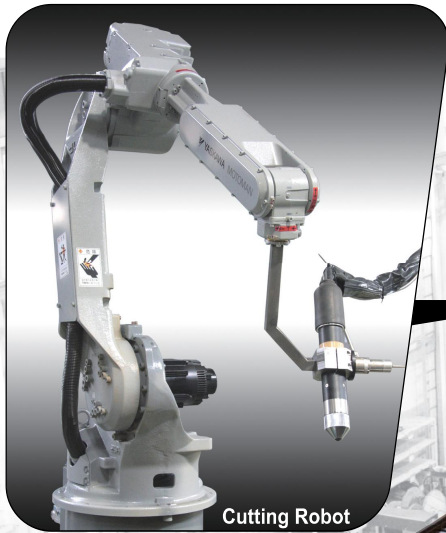
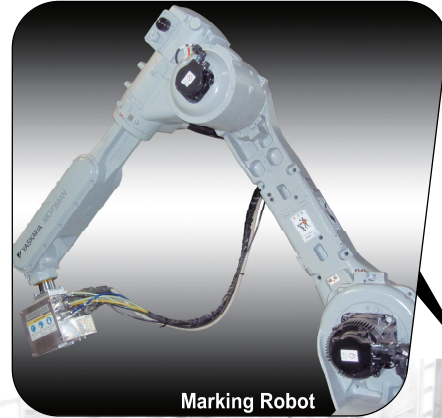




KOIKE's profile processing robot line

KPPS

KOIKE Profile Processing System is a processing line exclusively for profile steel, cutting and marking, mainly used in the manufacturing site of shipyards.



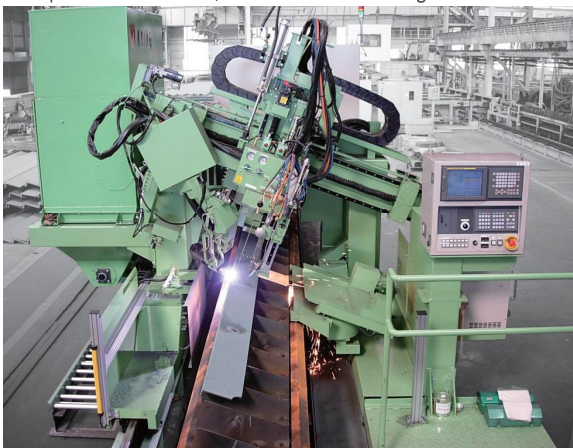
Overview

KPPS provides automatic Cutting and Marking, from the load of material to the dispatch, by the combination of Conveyor, Picking Device, Profile Steel carriage, and robots. The system contributes significantly to the improvement of productivity. We can provide the most suitable production line, which meets the requirements of customer.



ABGRAPH

ABGRAPH is a CNC Cutting Machine for profile steel processing, with 5 axis simultaneous control. It can be incorporated on KPPS, instead of the Cutting robot.



Feature

- High quality cutting is achieved with KOIKE SUPER 400A oxygen plasma.
- Teaching is not necessary. Robot data creation is possible by the shape data of the CNC Cutting Machine.
- Fume extraction is improved by fixing the position of the Cutting robot.
- Free edge rounding cutting (2R3P) is possible, reducing the grinder process.
- The marking quality is stabilized by using ink jet dot marker.