

Production installation for welding connectors to profiled beams

Challenge

In the European market the manufacturers for storage systems needs, to have capacity for mass production, highly automated production. Because of the high labor costs in West-Europe and the competition installations with a minimum of operators is required. Meanwhile the quality of the welded products must also be secured and the percentage of scrap must be minimized to an absolute minimum. All manufacturers have the firm intention to be react very fast on the demands of their market concerning: flexibility, lead times, cost reduction and quality. In case of the flexibility the required installations needs to be sophisticated and be able to make , if desired, automatically adjustments for the difference in the product programs. All those general and regular demands from the manufacturers in the field of racking / storage requires sophisticated and customized solutions.

Solution

AWL is a developer and manufacturer of customized production equipment for the racking / storage industry. Because of the enormous experience by former complete projects AWL is able to develop solutions based on proven technology. Considering the demands of the racking market a real system integrator like AWL is required for develop not only the welding installation. AWL prefers to take care and be responsible for the whole production chain for the manufacturing of racking beams. In former projects this started with the connection with installations for roll forming, logistic and handling systems to the painting line and palletizing the finished beams at pallets and ready for shipping. Of course the centre of the production installation is the welding equipment. The robotized welding equipment of AWL is developed modular and can, depending on required output, be extended on an easy way.



The solution of AWL fits with the requirements of our customers and always based on our huge experience. All equipment is build up and tested completely in our premises. The controls, welding technology and the production philosophy of the installation is proved by a team of experts with only one goal: realize a successful project!

Results

With the complete installations customers of AWL are able to react very fast, reliable and flexible to the warehouse market. Because of less operators and quality control the standard and pricing of their products is well asked in the market.

Special solutions

As already mentioned the kind of installation concepts is of course depending of the region / country of our customers. For that reason AWL is always aware of local circumstances like logistics and labor costs. This means normally that the handling and internal logistics is been executed manually. But 1 demand is independent of country or region: the highest welding and product quality. For that: make no concessions to required welding equipment. Choose for proven technology!