

STORAGE SYSTEM FOR PIPES

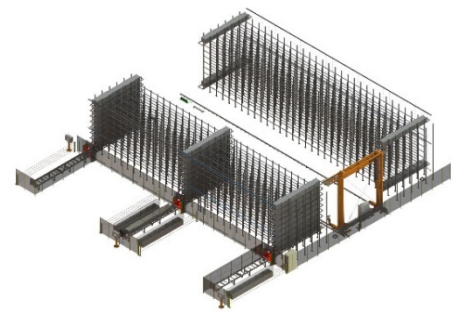
The automated storage and retrieval system TEC'UP designed by TECAUMA, allows to automate the storage of raw materials (profiles, tubes, bars...). Each storage and retrieval system is fitted to the storage building, using in the best way the available space. Dynamic storage is limiting manual handling tasks: the material is brought to the operators thanks to motorised conveyors. The supply leadtime to the machines is reduced. The material management is improved with the integrated computer system, which allows to know the stock in real time, to register the consumption, and so to optimise the supply chain. At the end, all raw materials are stored in a unique weatherproof place.



*Loading station on
motorised conveying belt*



*Picking station on
motorised conveying*



TECHNICAL FEATURES :

- Storage solution for raw material distributors, tube laser cutting specialists...
- For products (tubes, profiles, steel bars) with a length standard of 6 500 mm (7000 mm maxi on demand)
- Products packaged in stretchers, in bundles or in loose
- Maximum weight container and products: 2 000 kg
- Number of locations: from 100 to 1000 boxes (for lower need see application "Storage Tower")
- Minimum width required in the building:
 - 1 shelving: 17 meters
 - 2 shelving: 24 meters
- Customized loading station for products depending on the flow and tools: forklift, overhead crane ...
- Output of products in automatic on motorized conveyor
- Ergonomic and intuitive supervision software developed by TECAUMA
- Associated IT functions such as: stock mapping, inventory function ...