

INDUSTRIAL ASSEMBLY APPLICATIONS



INDUSTRIAL WORK BENCH SYSTEMS



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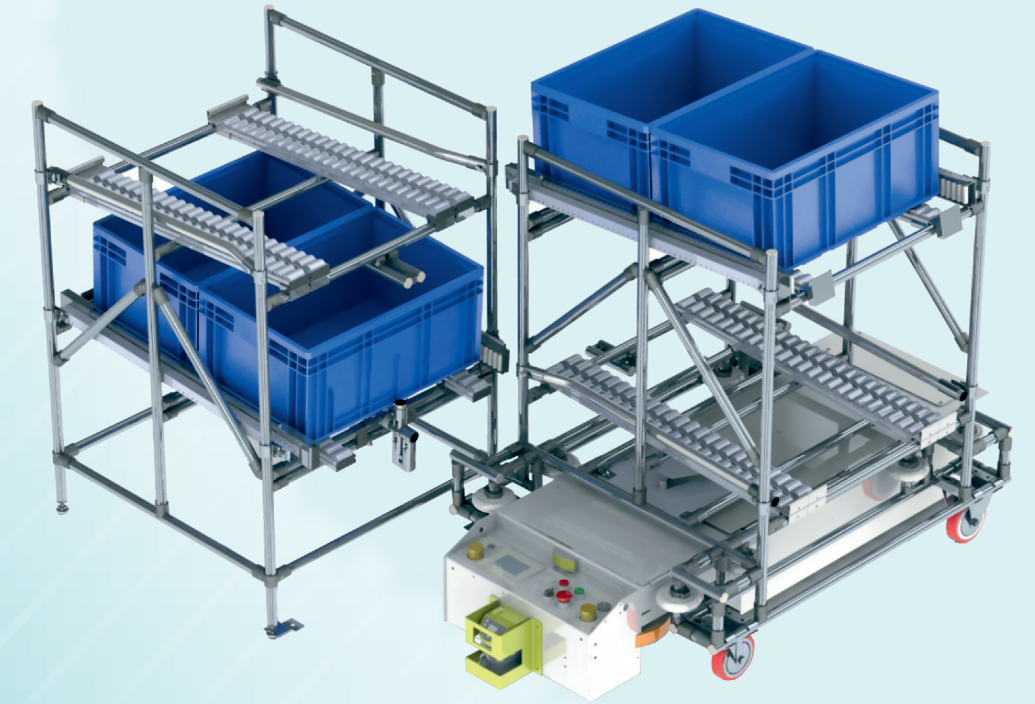
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DYNAMIC SHELVING SYSTEMS



MODULAR SHELVING UNITS AND LEAN PRODUCTION



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LEAN PRODUCTION SYSTEMS

Dynamic Shelving Systems?

Dynamic shelving systems are a versatile modular system of components made of interconnecting pipes and connections to meet the storage and material handling needs of users, streamline business processes and reduce waste in organizations.

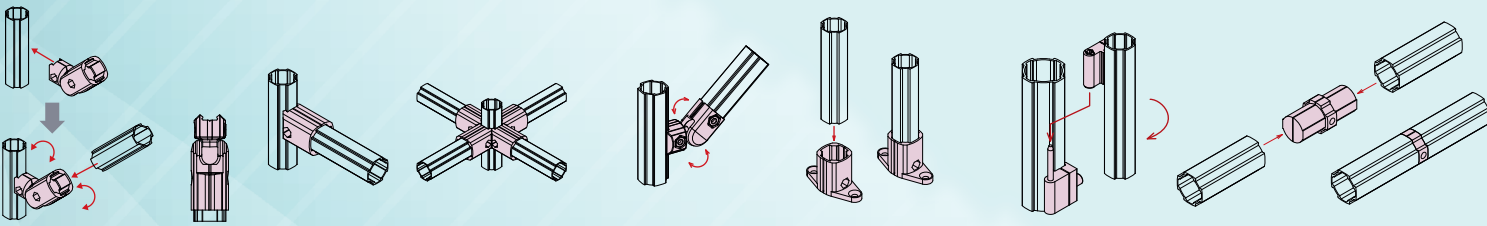
These systems create a work distribution that enables an uninterrupted production process to move the products more efficiently and with less handling.

It also enables maximizing and organizing the work area, saving both space and time and speeding up production process.

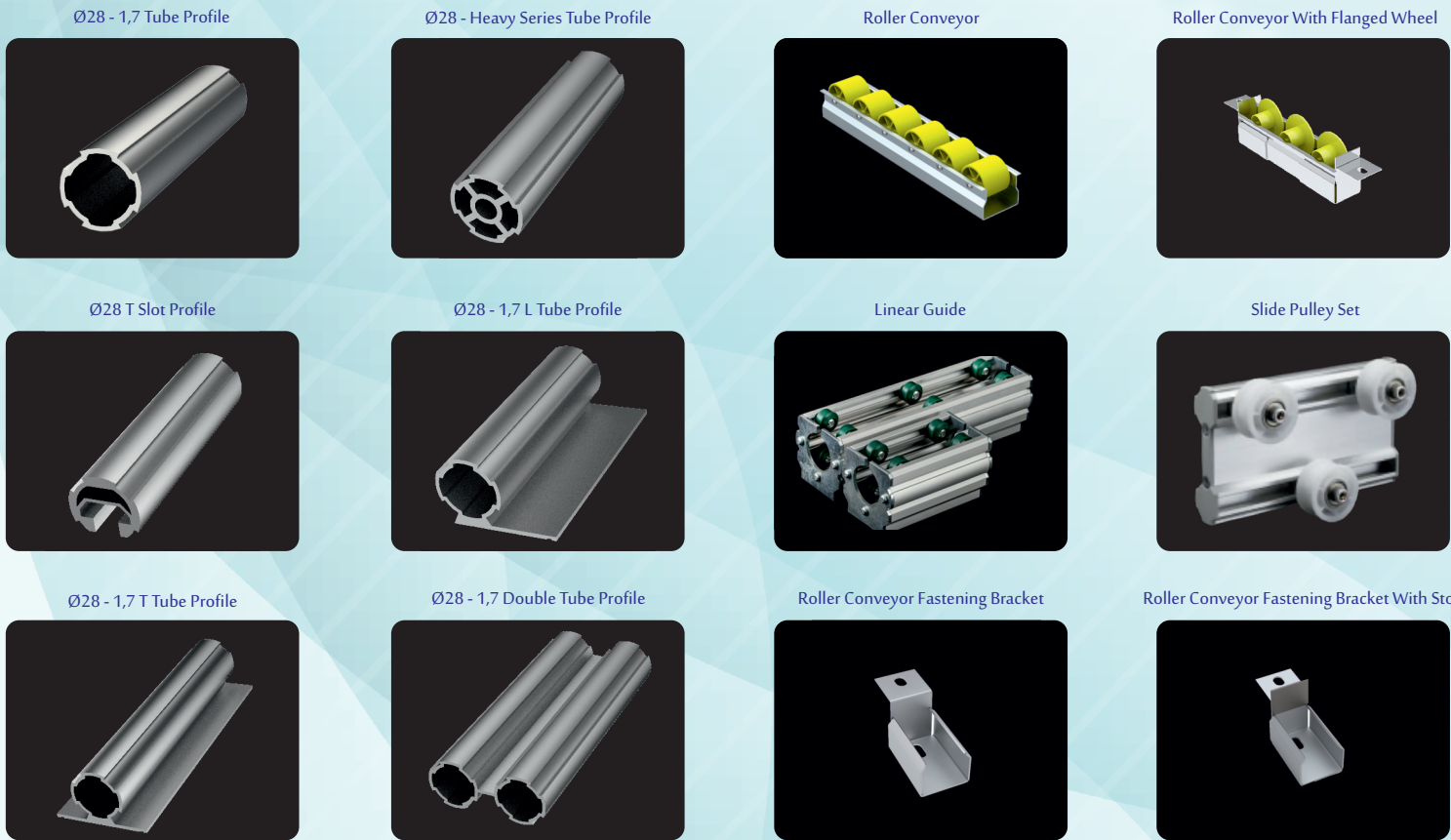
These products do not only enable you to design and build a wide variety of applications and solutions, but they can also be integrated into environments using industry 4.0 applications Kaizen (gradually improving productivity) or lean production methods.

The product consists of a group of bolted connections and pipe. Assemblies can be done quickly without the need for special tools and require no welding or painting.

Overall, they are designed to fit a wide range of applications, including storage shelves, trolleys, workstations, conveyors and transportation systems, offering greater flexibility and recyclability compared to traditional manufacturing methods.



Ø28 PROFILES



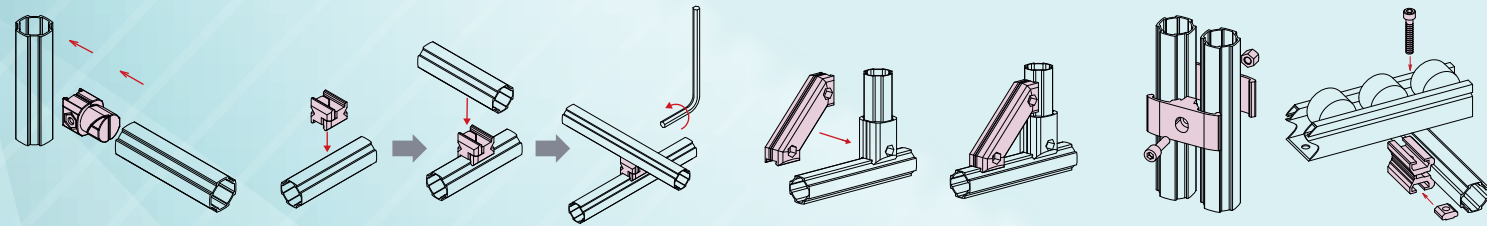
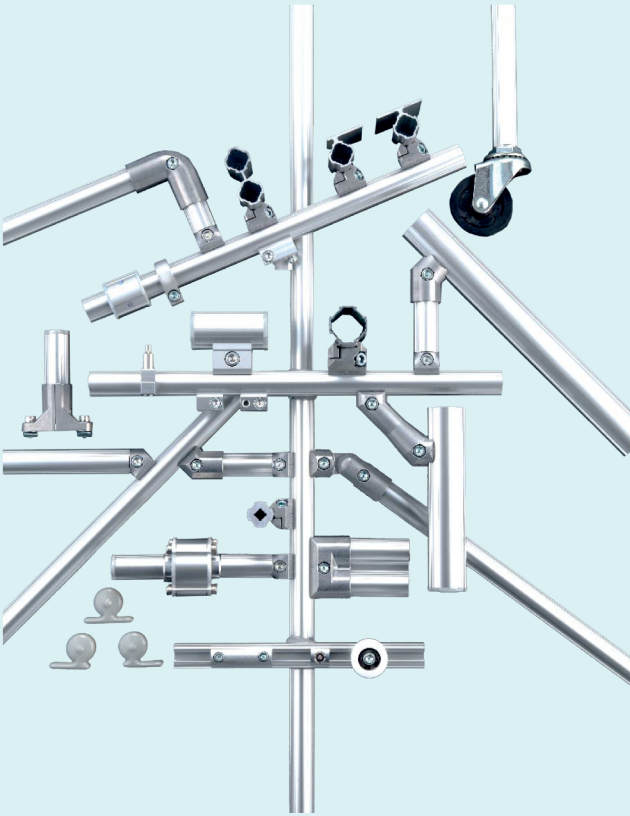
KAIZEN - KANBAN PRODUCTION SYSTEMS

Advantages

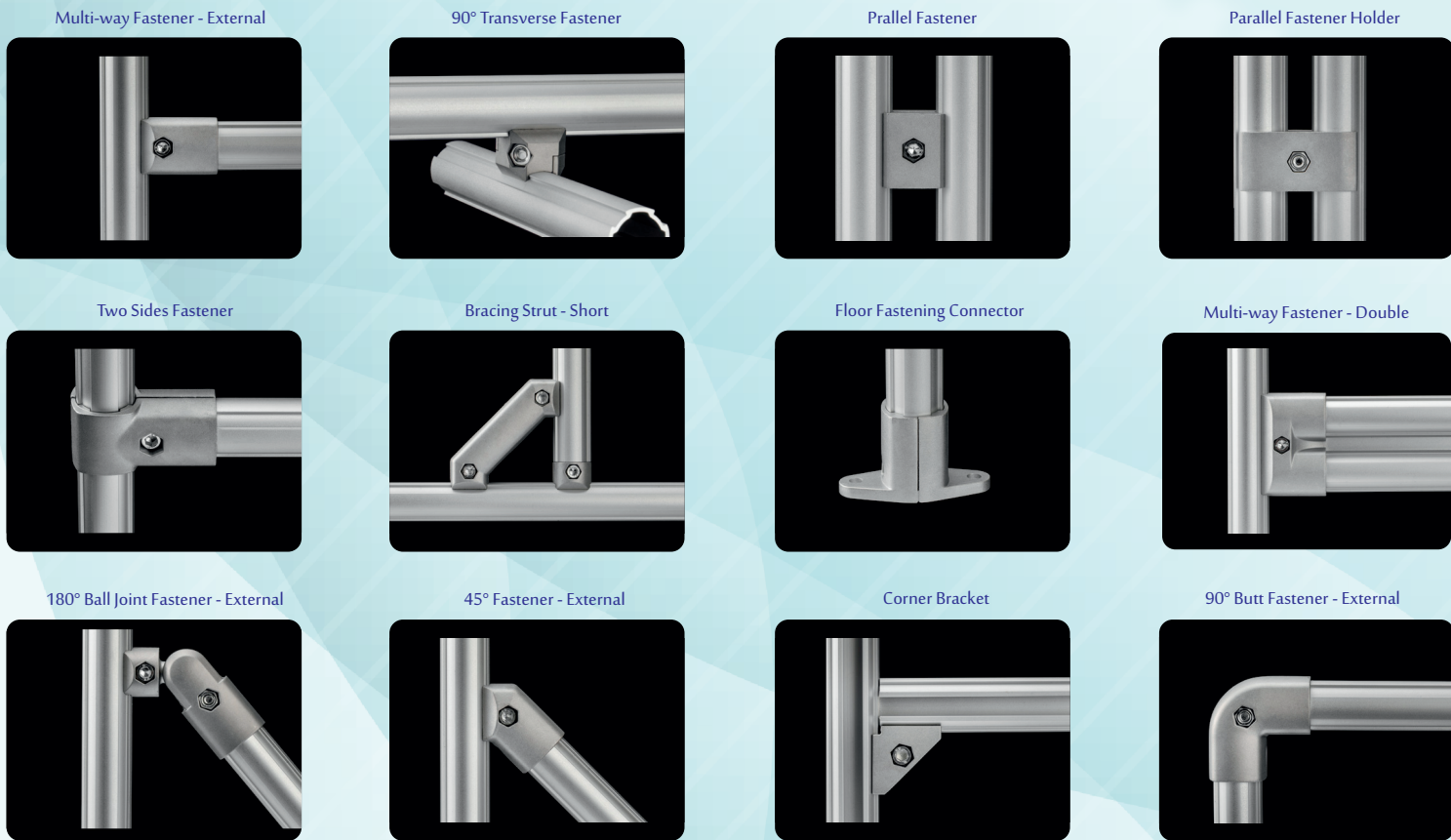
- Increases production efficiency
- Re – usable
- Versatile - easy to modify or rebuild
- Easy and fast to assemble
- High level of aesthetic appearance
- Provides saving on space
- Does not require maintenance
- It is easy to clean thanks to its non porous surface
- Eco-friendly
- Lower costs comparing to alternative systems
- Provides cost savings as it eliminates waste and minimizes defects
- It does not require any special tools or technical skills for assembly. Just a cutting saw, measuring tape and a 5 mm allen key are sufficient for assembly.

Field Of Application

- Assembly and Production Lines
- Showroom stands
- Feeding systems
- Industrial racks
- Assembly and packaging stations
- Ergonomic workstations
- Custom design stands, noticeboard, safety signs, conveyors and
- Transportation units
- Customised constructions
- It can used it in any field, depending on your imagination



CONNECTION EQUIPMENTS



KARAKURI - LEAN PRODUCTION SYSTEMS

What Is Karakuri (Lean Production)?

Karakuri means systems that use mechanical devices to assist systems with limited or no electrical, hydraulic, or pneumatic power supply. Karakuri mechanisms utilize gravity and the weight of items to achieve simple automation.

It is also controlled not by a computer but through mechanical design, using gravity, springs, kinematics, counterweights and gears to move objects.

The Principles Of Karakuri Kaizen Are:

- Do not use human hands.
- Move objects automatically.
- Do not waste money.
- Harness the power of your equipment. Build it with the wisdom and creativity.
- Don't just rely on paying attention for safety, create a device that stops automatically.

Advantages Of Karakuri Systems:

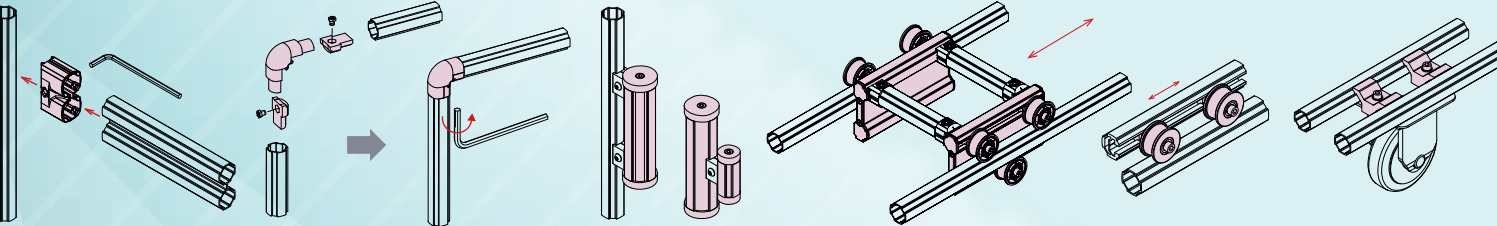
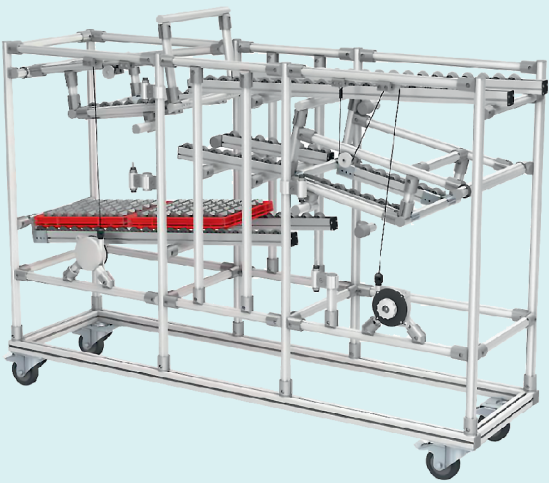
It is more economical than other systems - the development time is shorter, materials are less costly and energy costs are quite low.

Easier to maintain – with less costly parts and more knowledge of how they work, it is easier to keep these devices in working order.

It is easier to improve – because it is assembled by hand, it can be changed quickly, which supports continuous improvement.

Provides improved safety and ergonomics – reduces the likelihood of worker injuries

Improves quality – Systems reduce human errors.



CONNECTION ACCESSORIES

