We Provide Affordable, Accessible, Innovative and Secure Intelligent, Seamless and Collaborative Networked-Based Solutions

- Manufacturing Productivity Analysis
- Automation Design & Proposal
- Project Management

SOLUTION FOR EVERY Phase Of Your Production Line
MODU Technologies Sdn. Bhd.

(MTech) is incorporated in 2015. We are a renowned one stop turnkey material handling and factory automation solution provider in Malaysia. MTech is an offshoot company of MODU System (M) Sdn. Bhd., a company well known for its conveyor system since 1995. MODU range of conveyors system are widely used in many global manufacturers in the food, pharmaceuticals, personal care as well as in electricals & electronics industry.

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**Modular Plastic Chain & Plastic Belt Conveyor**

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<th>Chain width</th>
<th>Aluminium Frame</th>
<th>Stainless Steel Frame</th>
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<td>M52</td>
<td>DS2</td>
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<td>Beam width</td>
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<tr>
<th>Chain width</th>
<th>Plastic Belt</th>
<th>Beam width</th>
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<tr>
<td>315 mm</td>
<td>360 mm</td>
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<tr>
<td>438 mm</td>
<td>480 mm</td>
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<tr>
<td>585 mm</td>
<td>625 mm</td>
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MODU® provides a total solution in materials handling from productions to finish goods. Solutions comprising a mixture of conveyor systems and industrial robots ensure efficiency and efficacy in a manufacturing plant.

Product palletizing using an industrial robot is very popular in modern packaging lines nowadays as it minimizes manpower as well as industrial mishaps, ensuring high productivity.

M'Tech works with the major robotic suppliers to ensure that every production specification requirements are met.

All MODU® solutions are carefully customized according to your needs.

**Begin designing your custom made solution**

Spiral Conveyors are designed to be reliable, flexible and easy to operate. MODU® Automatic Lubrication System (ALS) and Chain Tension Adjustment System make the spiral conveyor easy to maintain.

Conveyor chain can be easily tensioned with the needs of special tools.
Automated Guided Vehicle (AGV) is a mobile robot that can automatically navigate and transport materials from one location to another. It is suitable for (not limited to) manufacturing, textile, automotive, food & beverage, warehousing, hospital operations, etc.

MODU® AGV is a modern AGV equipped with the latest technologies. Its modular design is flexible and easy to maintain. Powered by NavWiz system, the usage and programming of an AGV has never been this easy and simple.

Features:
- Modular
- Safety
- Sixteen I/O
- NavWiz Task
- Auto Charging
- Bi-Directional
- Differential Driven
- Internet of Thing

Product Range
Improving productivity, quality and workplace safety.

MTECH is a channel partner with renowned industrial robot maker ABB Robots. Together we have rolled out many robotic applications across all industries in Malaysia.

Product Range:
- Scara Robot
- Collaborative Robot
- Delta robot with assembly line
- High Speed
- High efficiency
- High Productivity
Twin Track pallets assembly solutions were designed to convey pallets/slave board from one process or assembly station to another. Based on a modular system, these solutions offered customers plug-and-play solutions with flexible configurable options.

Assembly line configurations could be changed easily according to new needs and processes.

MODU™ assembly solutions also include RFID SCADA & MES solutions integration for traceability and seamless production process.

MTech offered highly customised automation system to our customer. As a turnkey materials handling solutions provider, MTech also offers customised solutions to each process so all processes could be streamlined into the whole production floor efficiently, without the needs to refer to a multi-party set up.
Elevator G

Gripper System

Gripper conveyor was a conveyor system which utilised 2 sets of conveyors set up in a gripping format, to move a product from a lower elevation to upper elevation or vice versa, only taking up very minimum floor space. Gripper conveyors are ideal set up for high speed production or packaging line.

- Quick access maintenance touch panel
- Comprehensive guiding
- Continuous flow elevating with no reciprocating action
- Universal mounts for any type of infeed and outfeed conveyor
- Available in multiple heights, capacities and payload sizes
- Available in both Aluminium and Stainless Steel frame
- Space Saving
Industry 4.0 Solution

All MODU® solutions are Industry 4.0 ready, making MTech your ideal partner in Smart Automation.

TURNKEY SOLUTION

We provide a total turnkey solution for your manufacturing processes needs. With our vast skills and expertise, along with our reliable sales and services networks, we are confident in providing our solutions for every stage of the manufacturing line.
MODU have made significant progress in the conveyor business surging ahead of its competitors, to provide a 'one-stop modular conveyor and automation system centre' to serve a variety of industries. This is further accentuated by a proven track record in the international business arena and a widespread acceptance and recognition of its largely superior products, innovative designs and professional services.

Flexible & Reliable Solutions
For Increased Productivity

At MODU, we understand our customers’ needs. We are committed to deliver high quality and reliable, yet cost effective solutions. We worked closely with our customers to ensure systems and solutions we supplied will fulfill the ever-changing demands and needs of the market.

Our customer base includes many of the world’s leading companies.