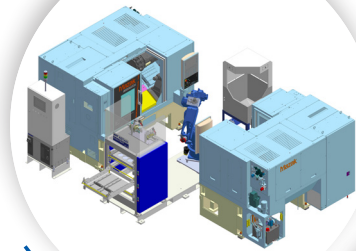


CNC AUTOMATION Products

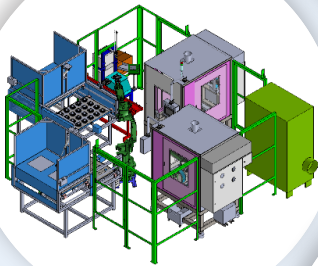
ASTech is an automation system provider, turnkey solution design house & i4.0 Integrator to transform conventional factory to smart factory by streamlining their manufacturing processes, improve productivity and reduce their operations cost with manufacturing execution system and data analysis.



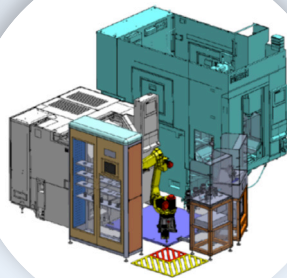
Turning Robotic Cell (TRC)



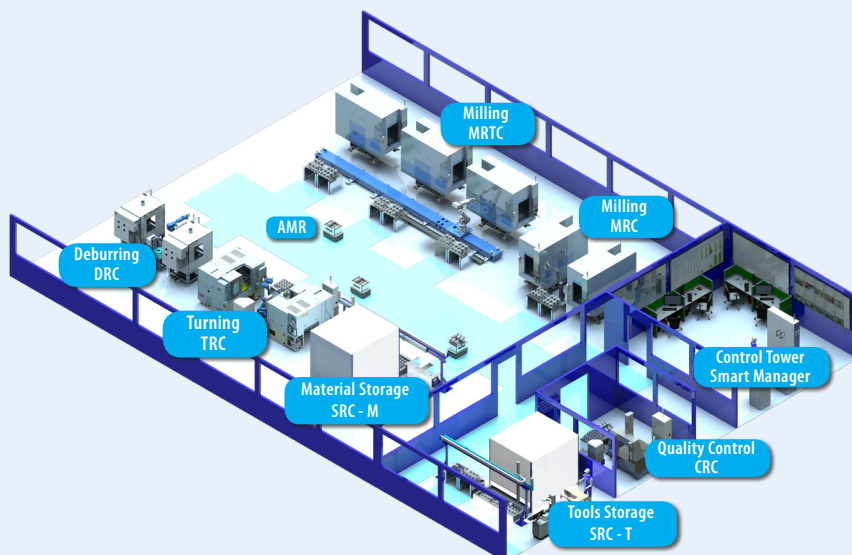
Milling Robotic Cell (MRC)



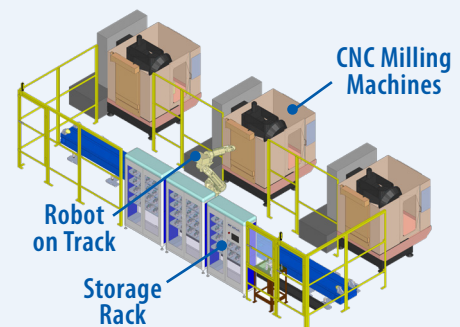
Deburring Robotic Cell (DRC)



Turning Milling Robotic Cell (TMRC)



Smart Factory for Precision Manufacturing



Milling Robot-on-Track Cell (MRTC)

We specialize in CNC and Die/Mould Automation, we partnered with machine tool companies and Robot makers to deploy robotic solutions for machine tending and secondary processes such as quality inspection, verification, deburring, polishing, washing, drying, filtering, marking, MES and other related processes. Our systems are Industry 4.0 enabled with IoT solutions.

Factory of Future Integrator

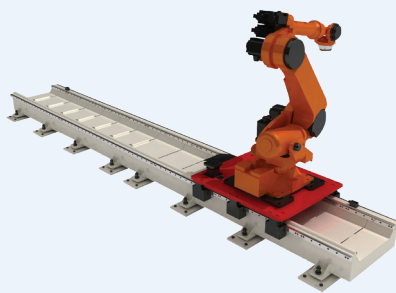


Gantry Robot

MATERIAL HANDLING Products

ASTech deployed many material handling solutions catered to customer's needs. It includes Gantry Loader, Robot on the Track and Robot on the Gantry.

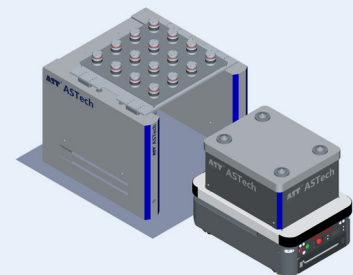
Roller Conveyor and Flexible Link Conveyor has widely used in our applications.



Track Motion



Gantry Loader



**Autonomous Mobile Robot (AMR) &
Intelligent Docking Module (IDM)**

STORAGE SYSTEM Products



RoboSTACK

Our multi-disciplinary capabilities include:

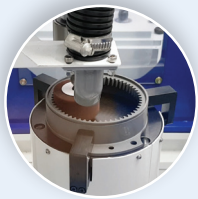
- Automation System Design & Manufacture
- System Development & Integration
- Control System Design & Software
- Robotics & Computer Vision



RoboRACK



RoboTRAY



Deburring & Polishing Machine

DEBURRING & POLISHING Products

ASTech has vast experience providing auto deburring, polishing and buffing solutions for removal of parting lines and flash from aluminium, plastic, steel, etc. .

The deburring, polishing and buffing machines is configurable. The finishing result can be achieved by using 3 to 5 Axis system.

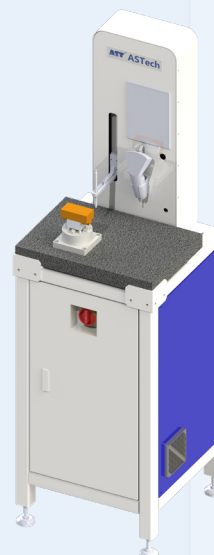
CLEANING & MEASUREMENT Products

The Cleaning System that we designed can clean the work pieces by flushing, purging and ultrasonic with different media such as DI water, hot water, solvent, etc.

The Measurement System come with Auto Gaging capable of performing ID, OD, Height measurement.



Cleaning Machine



Work and Tool Height Checker



Probe Measure Module

Ind. 4.0 Turnkey Solution



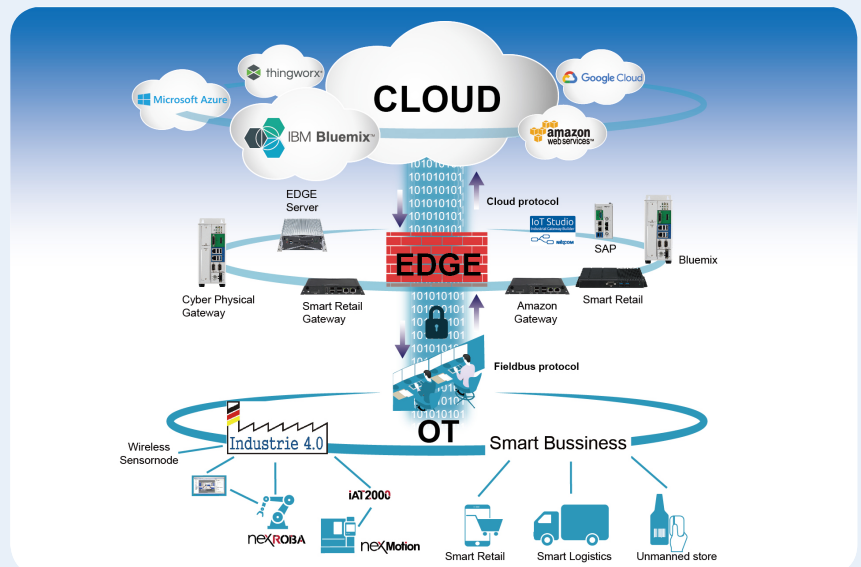
MES & WIRELESS Products

MES capture, process, filter and present of "relevant" data for all stakeholders. Data can be collected by wire or wireless:

- Order data management
- Machine performance data management
- Labor time management
- Quality data management
- Scheduling & Capacity planning
- Material inventory levels / traceability
- Process data
- DNC Data
- Tool Management

IOT AUTOMATION SYSTEM Products

The integrated cloud-enabled services such as remote management, big data analytics, machine learning, and business intelligence (BI) can provide benefits such as remote monitoring to enable exception management and advanced process control.



Compliment Quotes from Local & Overseas Clients:

"Despite the many challenges throughout the entire project, your dedicated teams have displayed high professionalism and manage the situation with great composure.

You have a good experienced team that is proactive & meticulous in their works and able to provide practical solutions to meet our needs."

Mr. Soh Chee Siong
Chief Executive Officer
JEP Precision Engineering Pte Ltd (Singapore)

"We would like to take the opportunity to congratulate ASTech on achieving what can be described as a magnificent and professional operation from start to finish. The delivered equipment has confirmed the declared characteristics and projected efficiency. ASTech personnel carried out flawless work execution standard, always emphasizing safety as a prime objective."

Mr. Dmitry Nazarenko
General Manager
Limited Liability Company "REDALIT Schlumberger" (Russia)

