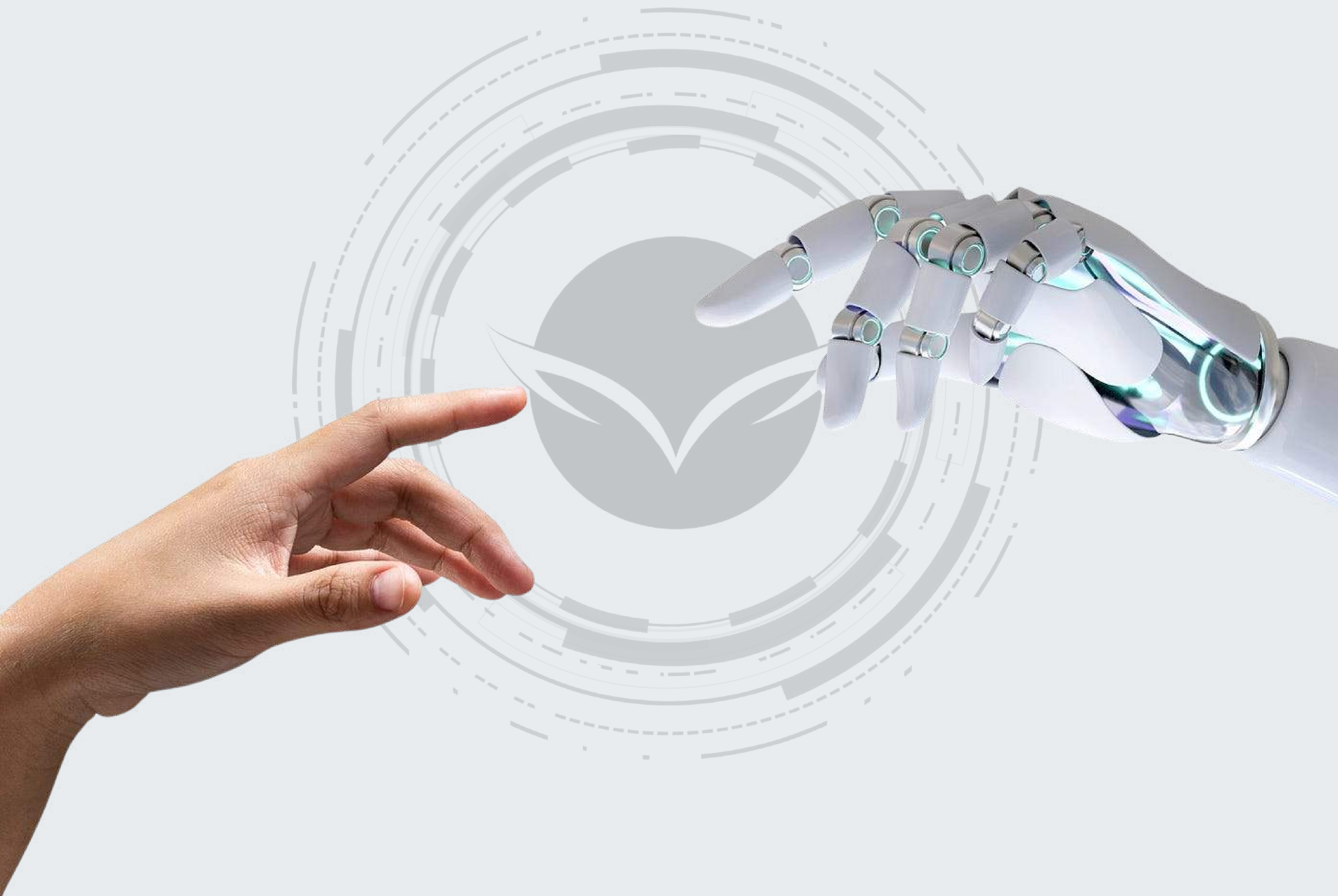




MerlinTech

Innovation • Quality • Deliverance





About MerlinTech

We specialize in Designing, Developing and Implementing Automation Equipment and Special Purpose Machines. Our equipment are tailor-made to **improve productivity and efficiency of workflow, without dependability on Skilled/Non-Skilled Man Power.**

Tailored Solutions, Precision Built

At **MerlinTech**, we understand that no two production setups are alike. Our in-house design and manufacturing team collaborates closely with clients to tailor every detail to their specific needs. **Production begins only after the client approves a comprehensive 3D model that visualizes the complete solution—**ensuring confidence, clarity, and perfection from the start.



AREAS - OUR SOLUTIONS ARE IMPLEMENTED



End-to-End Conveyor Solutions

Conveyors are essential in all work places. They mobilize material from one place to another and reduce down time for material movement.

Range of conveyors we manufacture :



Roller
Conveyor



Gravity Roller
Conveyor



Truck Loading
Conveyor



Telescopic
Conveyor



Flexible
Roller Conveyor



Wire Mesh
Conveyor



90 Angle Rotating
Conveyors



Slat chain
Conveyor

(We hold experience of material movement up to 2 tons through our conveyors)

MerlinTech also specializes in Path planning and work station integration on conveyors. These smart solutions enable workplaces for easy and free flow material movement without human interference.

- ▶ **Path Planning conveyor:** Generally simple conveyors are designed to mobilize material from Point A to point B, Path planning conveyors are used to mobilize material From Point A to multiple locations.
- ▶ **A web of conveyors** are designed as per layout and through various mechanisms like rotary tables, degree inclined conveyors etc. the material can be transported to different locations.
- ▶ **Work Station integrations :** various work stations can be integrated on conveyors, like material counting system, weighing systems, Optical character recognition system, parts assembly solutions for free flow of material along with data input.



Liquid Filling Solutions

Precision Filling, Maximum Efficiency

Our machines deliver high-performance filling from **5 ml to 100 liters**, handling fluids with **specific gravity from 0.8 to 1.9** — engineered for accuracy, speed, and reliability.

Filling Technologies We Offer :

- » Pump & Flow Meter Based
- » Volumetric Filling
- » Weighing-Based Systems
- » Gravity Filling Or
- » Smart Combination of These

Engineered to match your exact needs in accuracy, fluid type, and production speed.

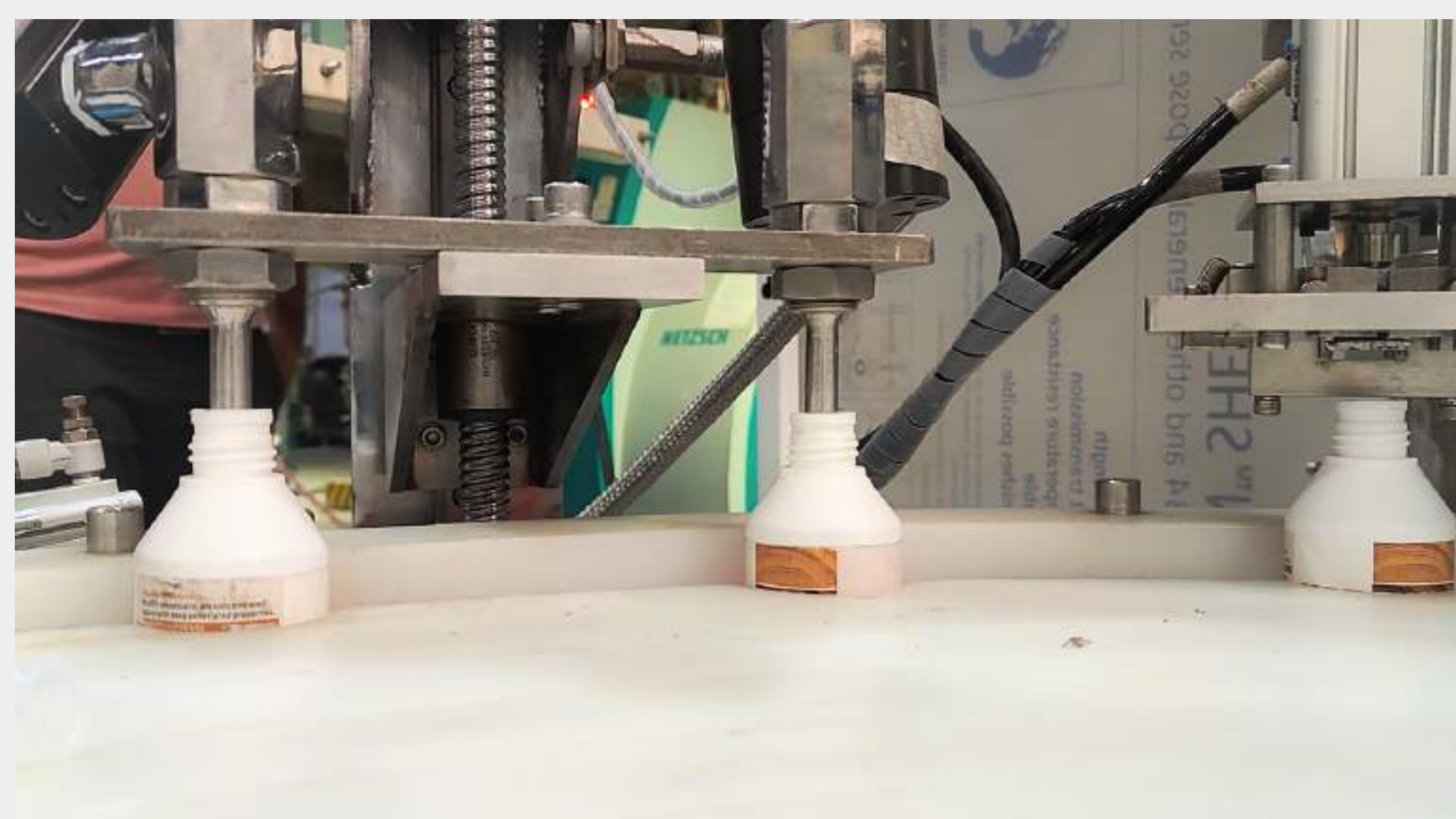


Machine Design Options :

- » Compaq rotary filling machine
- » In line filling machine
- » Semi Automatic/Manual Filling machine

Additional Accessories & Spares :

- » De-ionized Pneumatic PET Bottle Cleaning
- » Automatic/Manual Cap Torque Tightening
- » Automatic/Manual Lid Pressing
- » Automatic/Manual Lid Crimping
- » Precision Volumetric Syringes
- » Custom Solutions for Special Purpose Requirements





Special Purpose Machines

Special Purpose Machines (SPMs) are the need of the hour — they transform workplaces by adding precision, efficiency, and a competitive edge.

Tailor-made for specific tasks, SPMs help industries stay ahead with smarter, faster, and more reliable operations.

• Stand out • Work smart • Stay ahead

We are one of the leading manufacturers of special purpose machines in segment of;

- » Part Assembly Machines
- » Dimension Measurement
- » Pick and Place Solutions
- » Metal / Rubber Cutting Solutions
- » Vision Inspections
- » Optical Character Recognition



Our Special Purpose solutions are designed to improve productivity, quality check and to reduce dependability on skilled man power





Online Weighing Solutions

Our High-Precision Checkweighers are designed to inspect both packed and unpacked products with exceptional accuracy, ensuring every item meets the defined weight criteria.

Weighing range: 100 grams to 100 kilograms



We offer three types of checkweighers tailored to your product needs:

► **Conveyor Checkweigher**

Ideal for continuous product flow on belts.

► **Indexing Checkweigher**

Designed specifically for precise aerosol can evaluation.

► **Ultra-High Accuracy Checkweigher**

Delivers unmatched precision with accuracy up to 0.09 grams.

Additional Features :

- Rejection mechanism Intergration
- Metal Detector integration
- Data Record
- Easy integration with Centralized Servers
- Touch Screen
- Printer Integratable
- High Speed
- Smooth Integration with existing Production setup

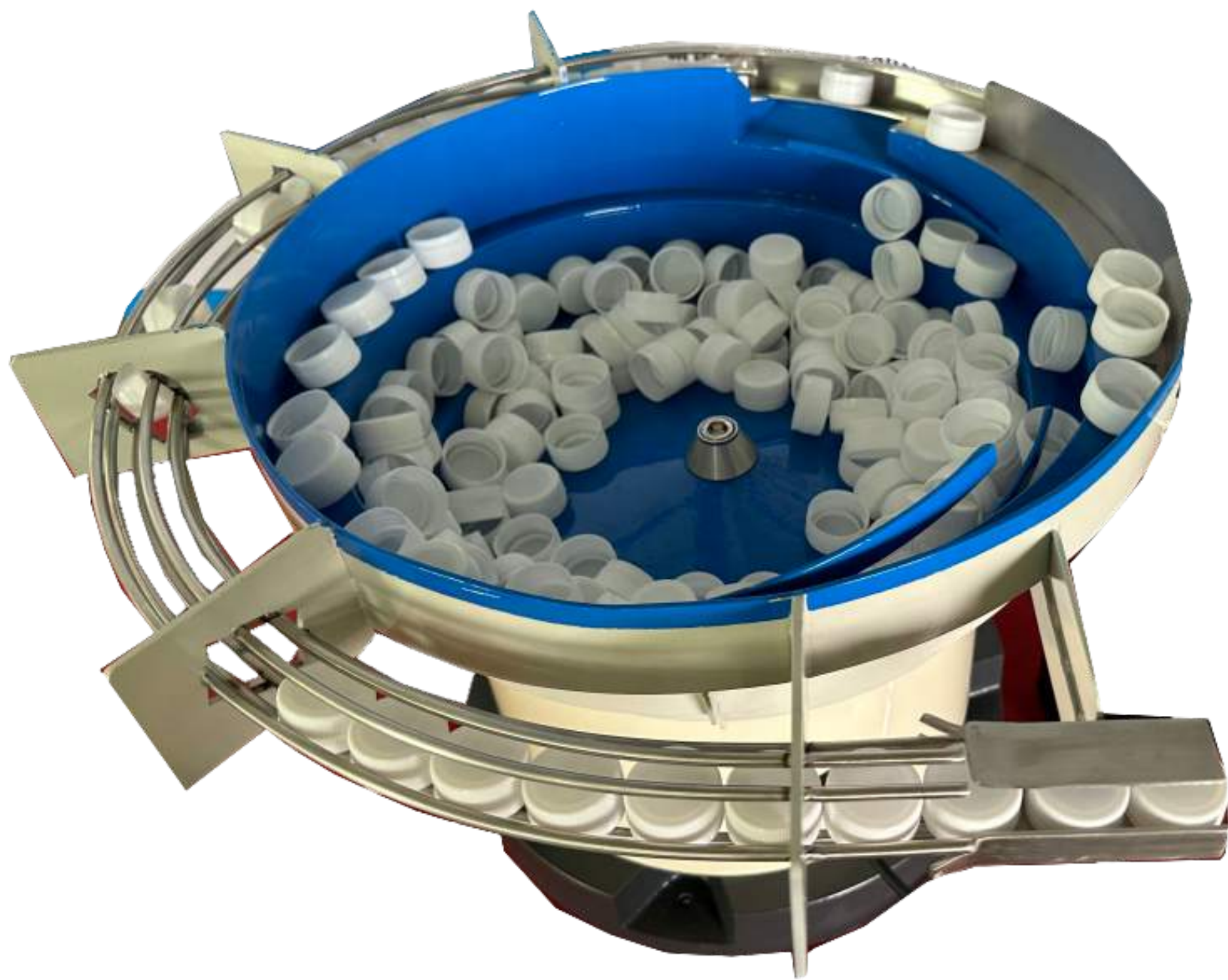


Labelling Machines, Bowl Feeders & Machine Spares



Labelling Machines :

Labelling Machines automate the labeling process with speed and precision, eliminating manual effort and significantly boosting operational efficiency. At MerlinTech, we've successfully labeled a wide range of products — **from bottles to corrugated cartons** — **tailored to suit diverse industry needs.**



Bowl Feeders :

Bowl Feeders at **MerlinTech** are engineered to precisely orient and feed a diverse range of components. With proven experience, we've successfully handled components from tiny nuts, bottle plugs, and injection parts to larger items like screw caps and automotive components.

Machine Spares :

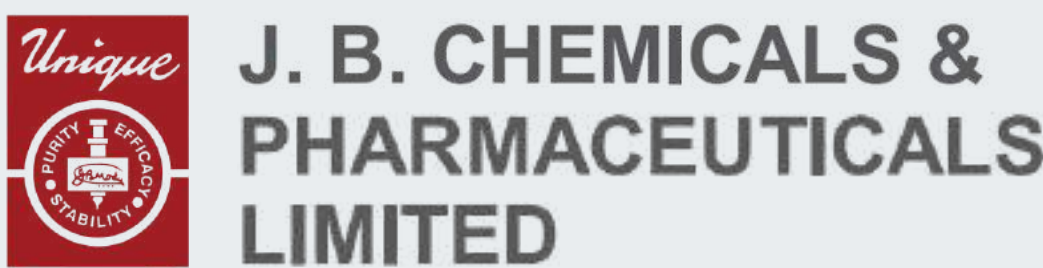
We offer a comprehensive range of high-quality machine spares — **from critical components for imported machinery to specialized burners for the glass industry.** Backed by our in-house manufacturing capabilities, **MerlinTech** delivers precision-engineered spares for everything from conveyor systems to high-speed industrial machines.



Certification of Appreciation



Some of Our Prestigious Clients



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