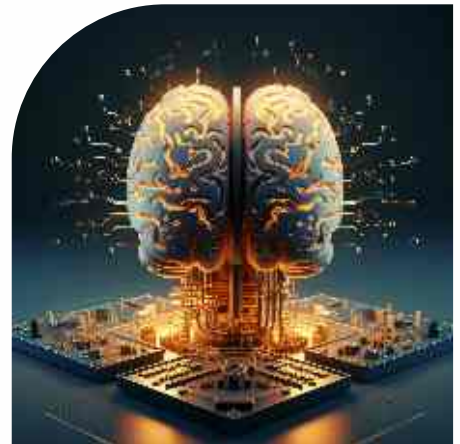




Innovating Machinery Empowering Industries

A Complete Injectable Solution





Welcome to XTECHNOCRAT



Xtechnocrat is a trusted name in the pharmaceutical machinery industry, driven by innovation, precision, and reliability. With a collective team experience of over 40 years, we specialize in designing, manufacturing, and delivering world-class pharmaceutical processing and packaging machinery that meets global regulatory standards.

Our commitment lies in “Smart Machine Innovation,” where advanced engineering meets customer-centric design to empower pharma manufacturers worldwide.

XTECHNOCRAT is INDIA's FIRST Single Source Supplier for Pharma Machinery as Turn Key Projects & Industrial Robotics.

XTECHNOCRAT is in Manufacturing of Pharma Machines for OSD, Tube, Oral & Injectable liquid, Dry Powder, Sachet, Stick pack as Integrated Line, End of Line Solution, Industrial Automation, Industrial Robotics, Labelling Machine, Clean Room Furniture, Vision Inspection and Track & Trace Solution and Automatic Storage Solution.

Vision

To be a global leader in providing innovative, reliable, and sustainable engineering solutions that empower industries to achieve efficiency, precision, and growth.

Mission

our mission is to design and deliver world-class machinery and automation solutions with cutting-edge technology, uncompromising quality, and customer-centric service. We aim to create value through innovation, foster long-term partnerships, and contribute to the advancement of manufacturing excellence.

Objectives

- Innovation & Technology
- Quality & Compliance
- Customer Focus
- Sustainability
- Global Expansion
- People & Growth



TURNKEY PROJECTS



We specialize in delivering end-to-end pharmaceutical turnkey solutions, ensuring seamless project execution from concept to commissioning. With decades of combined industry expertise, our team guarantees precision, compliance, and innovation at every stage.

Project Includes

- Master Planning
- Unique Design
- Machine Manufacturing Facility
- Installation & commissioning
- Maintenance & Repair Services

Our Turnkey Services Include

Project Consultancy & Design

- Feasibility studies and project planning
- Conceptual, basic & detailed engineering design
- cGMP-compliant facility layout as per WHO, USFDA, EU guidelines

Facility Construction & Setup

- State-of-the-art cleanroom construction
- HVAC, water systems, and utility design
- Modular facility development

Pharma Machinery & Equipment Supply

- Granulation, coating, compression, and encapsulation lines
- Liquid, ointment, and sterile injectable plants
- Packaging, labeling, and inspection machinery



Validation & Documentation

- IQ, OQ, PQ validation protocols
- Regulatory documentation support
- (USFDA, EU GMP, WHO GMP, MHRA, TGA)
- Compliance audits & gap analysis

Automation & Smart Manufacturing

- PLC & SCADA integrated systems
- Industry 4.0 compliant manufacturing solutions
- Data integrity and electronic batch recording (21 CFR Part 11 compliant)

Training & After-Sales Support

- Operator & staff training
- Maintenance contracts and technical support
- Continuous process improvement consulting

Industries We Serve



Pharmaceutical
Manufacturing



Nutraceutical
Manufacturing



Herbal &
Ayurvedic
Formulations



Biotech &
API Facilities



Cosmetics
Manufacturing
Plant



Why Choose Us

40+ Years
of Combined Expertise

Global
Project Experience

Quality-Driven
& Cost-Effective

One-Stop
Turnkey Solutions

Automatic Linear Tunnel Types Vial Washing Machine

Technical Specifications

Model	XT-VW-100/XT-VW-150/XT-VW-200/HLVW-250	
Output/Min.	90 to 250 (Depend upon Model)	
Number of Pocket	8/12/16/20	
Conveyor Height	800 + -50mm as Per Customer Requirement	
Power Consumption	Main Motor 1 HP / 415 Volts / 50 Hz	Heater 3 KW.
	Pump 0.5 HP / 415 Volts / 50 Hz	Conveyor 0.5 HP / 415 Volts / 50 Hz.
Power Requirement	415 Volts, 3 Phase, 50 Hz	
Air Consumption	10 - 30 CFM Depend Upon the Machine Model.	
Water Consumption	100 to 350 LPM Depend upon the Model.	



Technical Specifications

Model	XT-VRW 120	XT-VRW 240
Product Output	Upto 100 per Minute	Upto 200 per Minute
	2 ml to 100 ml	2 ml to 100 ml
Type of Vials	Glass & Plastic Vials	Glass & Plastic Vials
Power Load	4 HP	5.5 HP
Water tank & Pump	3 Nos. each with 25 Liters Capacity & Centrifugal Pump	3 Nos. each with 25 Liters Capacity & Centrifugal Pump
Overall Dimension: (L) (B) (H) Approx	2050 mm x 2000 mm x 1210 mm	2450 mm x 2000 mm x 1300 mm



Automatic Sterilizing Tunnel For Ampoules & Vials

Technical Specifications

Model	XT-DDST-600	XT-DDST-900
Belt Width	600 (mm)	900 (mm)
Installed Power	45(kw)	60(kw)
Control Voltage	24VAC / DC	24VAC / DC
Dimension (mm)	4500 x 1500 x 2350	5100 x 1800 x 2350



Automatic Injectable Vial Liquid Filling Rubber Bunging Machine

Technical Specifications

Model	XT-ALVF-120	XT-ALVF-240
Number of Heads	4	8
Product Rate / Minute	60 to 100 Vials	100 to 200 Vials
Container Diameter	15mm to 70mm	15mm to 70 mm
Rubber Stopper	13mm, 20mm	13mm, 20mm
Filling Range	2ml to 100ml	2ml to 100ml
Power Supply	2 H.P.	3 H.P.



Automatic Ampoule Filling & Sealing Machine

Technical Specifications

Model	XT-AFS-80	XT-AFS-120	XT-AFS-150	XT-AFS-240
No. of Head	2	4	6	8
Output I min.	60 APM	100 APM	150 APM	240 APM
Power Supply	2 to 4 HP, 3 Phase, 50 Hz			
Conveyor Height	800 ± 50mm or as per the Requirement			
Input Specification	Ampoule Dia : 9 mm to 22 mm Ampoule Height : 60mm to 125 mm			



Automatic Injectable Vial Powder Filling With Rubber Bunging Machine

The Injectable Vial Powder Filling with Rubber Bunging Machine is a highly precise and efficient system engineered for filling sterile powder into vials and automatically placing rubber stoppers (bungs). It is designed specifically for the pharmaceutical industry, particularly for injectable products that require aseptic processing under sterile conditions.

Technical Specifications

Model	XT-IPF-120	XT-IPF-240
Production Rate Upto / Min	120 Fills Single Dose	240 Fills Single Dose
Fill Capacity	50 Mg. to 1.5 gms	50 Mg. to 1.5 gms
Accuracy	+ 1% Depending upon the Consistency, Uniformity & Bulk Density of Powder Under the Controlled Level of Humidity	
Height of Conveyor	Adjustable from 800 mm to 850 mm	
Motor Power	1 HP (1400 RPM)	2 HP (1400 RPM)
Dimension in MM	1800 (L) x 700 (W) x 1625 (H)	2400 (L) x 700 (W) x 1625 (H)



Automatic Vial Cap Sealing Machine

The Automatic Vial Cap Sealing Machine is engineered for the precise and secure capping of glass vials using aluminum caps. This machine is an ideal solution for pharmaceutical, biotechnology, and chemical industries, ensuring leak-proof and tamper-evident sealing.

Model	XT-ACS-60	XT-ACS-120	XT-ACS-120
No. of Head	1	4	8
Production Rate	Upto 50 Vials / Minute	Upto 100 Vials / Minute	Upto 200 Vials / Minute
Vial Diameter	15mm to 80mm	15mm to 80mm	15mm to 80mm
Cap Diameter	13, 20, With Help of Change Parts.		
Power Supply	1 H.P.	2 H.P.	2 H.P.
Overall Dimension (LXWXH)	1400 x 900 x 1800 Approx.	1400 x 1000 x 1800 Approx.	2400 x 1000 x 1800 Approx.
Optional Accessories	Aluminum Cabinet Covering Full Machine Chuck for Flip-off Seal PLC with HMI		



Automatic Vial Powder Inspection Machine

Technical Specifications

The Automatic Dry Powder Roller Type Visual Inspection Machine is a high-precision inspection system designed for the pharmaceutical and chemical industries. It is ideal for the visual inspection of vials or containers filled with dry powder formulations. This machine offers a reliable, efficient, and contamination-free inspection process, ensuring product quality and regulatory compliance.



Technical Specifications

Model	XT-PVI-120	XT-PVI-250
Direction	Left to Right	Left to Right
Production Output	Up to 100 Vials Per Minute	Up to 200 Vials Per Minute
Input Specification	5ml to 100ml Vials	5ml to 100ml Vials
Vials Diameter	22mm to 56mm	22mm to 56mm
Power Specification	1 HP, 1 Phase, 240 Volts, 50 Hz	2 HP, 1 Phase, 240 Volts, 50 Hz
Turn Tables	0.25HP, 1 Phase, 240 Volts, 50 Hz	0.25HP, 1 Phase, 240 Volts, 50 Hz
Conveyor Height	Standard (as Per Filling Line Height)	Standard (as Per Filling Line Height)
Number of Operators	Two	Four
Rejection System	Manual & Auto Both as per Customer Requirement	Manual & Auto Both as per Customer Requirement
Vial Feeding	Through Unscrambler	Through Unscrambler
Dimension	2450mm (L) 110mm (W) x 1270mm (H)	3250mm (L) 110mm (W) x 1270mm (H)

Automatic - 3 - Piece Eye / Ear Drop Filling Plugging and Capping Machine



The Automatic 3-Piece Eye/Ear Drop Filling, Plugging, and Capping Machine is a compact and high-speed solution for precise filling and secure sealing of ophthalmic and otic (ear) drop containers. Designed for pharmaceutical applications requiring sterile conditions, this machine handles the complete process of filling liquid, inserting inner droppers (plugs), and capping outer caps in a single synchronized operation.

Technical Specifications

Model	XT-EFPC-40	XT-EFPC-100
No. of Filling Heads	2	4
No. of Plugging Heads	2	4
No. of Capping Heads	2	4
Output/Hour	2000 to 2400	4000 TO 4800
Plugging Mechanism	Servo Driven Pick and Place System	
Cap Placement Mechanism	Servo Driven Torque Based	
Fill Capacity	5 ml to 20 ml	
Container Sizes	5 ml to 20 ml	



Visual Inspection Machines for Liquid Vials & Ampoules



Production RateUpto	6000 Ampoules/Hr	Upto 12000 Ampoules/Hr
Suitability	1ml to 20 ml. Ampoule	1ml to 20 ml. Ampoule
Dimension	2858 mm (L) x 971 mm (W) x 1700 mm (H)	2858 mm (L) x 1816 mm (W) x 1700 mm (H)

Complete I. V. Bottle/bag (Ivp) Packing Line



100 ML, 250 ML, 500 ML & 1000 ML I. V. Bottles/Bags.
Output Speed: Up to 220 Product / Minute

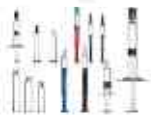


Leak Check Machine Visual Inspection Conveyor Labelling Machine Flow Wrap Machine Packing Conveyor BOPP Tape Sealing Machine

Pre Fill Syringe Packaging System (filling & Closing/inspection/plunger Rod Insertion & Labelling/blister Packing)

Filling Volume: 0.1 ml to 10 ml
Output Speed: 120 Syringes / Minute

FIRST TIME IN INDIA
WITH OUTPUT SPEED
OF 120 SYRINGES
PER MINUTE



PFS FILLING & STOPPERING MACHINE



PFS PLUNGER ROD INSERTION & LABELLING MACHINE

STERILE SKID INJECTABLE MANUFACTURING PLANT



Range: 10 - 10000 Ltrs.





GLOBAL PRESENCE



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🌐 www.xtechnocrat.com

XTECHNOCRAT INDIA PVT. LTD.

📍 Manufacturing Unit

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