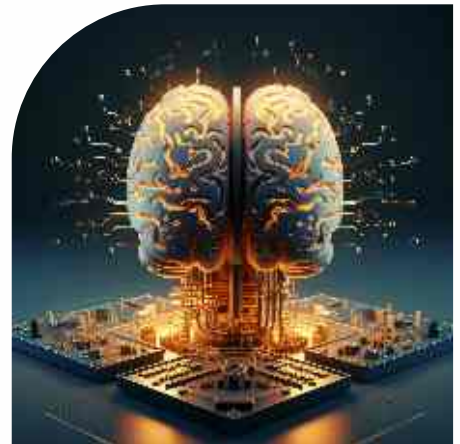




Innovating Machinery Empowering Industries

Oral Liquid & Powder 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

ORAL LIQUID SYRUP MANUFACTURING PLANT



Range: 100 - 10000 Ltrs.



Technical Specifications

Model	XT- LMP 1000 Ltrs	XT-LMP 2000 Ltrs
Sugar Syrup Vessel		
Gross Capacity	1250	2400
Working Capacity	1000	2000
Top Agitation Motor	5 HP/3 Phase 415 VAC / 50 Hz / 1400 rpm	10 HP/3 Phase 415 VAC / 50 Hz / 1400 rpm
Bottom Homogenizer	7.5 HP/3 Phase 415 VAC / 50 Hz / 2800 rpm	12 HP/3 Phase 415 VAC / 50 Hz / 2800 rpm
Sugar Melting Vessel		
Gross Capacity	850	1500
Working Capacity	600	2000
Top Agitation Motor	3 HP/3 Phase 415 VAC / 50 Hz / 1400 rpm	5 HP/3 Phase 415 VAC / 50 Hz / 1400 rpm
Bottom Homogenizer	5 HP/3 Phase 415 VAC / 50 Hz / 2800 rpm	7.5 HP/3 Phase 415 VAC / 50 Hz / 2800 rpm
Storage Vessel		
Gross Capacity	1250	2400
Working Capacity	1000	2000
Top Agitation Motor	5 HP/3 Phase 415 VAC / 50 Hz / 1400 rpm	7.5 HP/3 Phase 415 VAC / 50 Hz / 1400 rpm

LIQUID PACKING LINE

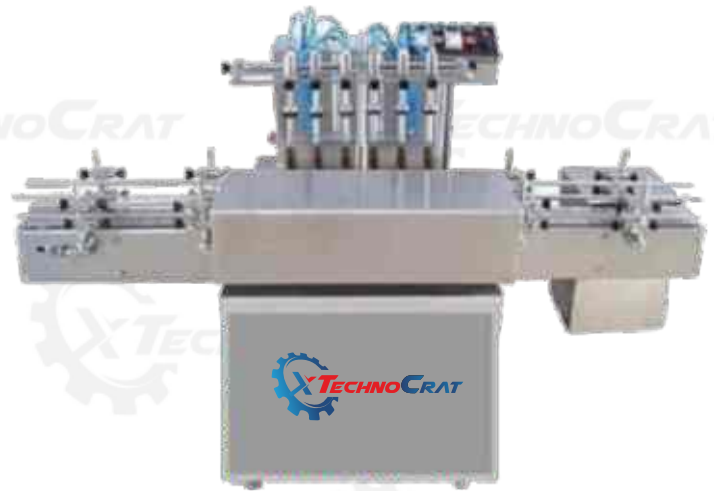
Semi Automatic Rotary Bottle Washing Machine

Technical Specifications

Model	XT-SRW-64	XT-SRW-96
Output/Hour*	2600 to 3600 Nos.	4300 to 5400 Nos.
No. of Pocket	64	96
Direction of Machine	Clock Wise	Clock Wise
Electric Heater	3 Kw.	3 Kw.
Tank Capacity	75 Ltrs. S.S. 304 (2 Nos.)	75 Ltrs. S.S. 304 (2 Nos.)
Wash Cycle	4 Inner 1 Outer	4 Inner 1 Outer
working Height**	800 to 850 mm adjustable	



Automatic Linear Air Jet Bottle Air Jet with Vacuum Cleaning Machine



Technical Specifications

Model	XT-AVC-60	XT-AVC-120
No. of Head	4	8
Optimum Output	Up to 60 Bottles per Minute (Depending on Bottle Size)	Up to 120 Bottles per Minute (Depending on Bottle Size)
Power Supply	1.5 H.P., 415 Volts, 3 Phase	2.5 H.P., 415 Volts, 3 Phase
Vacuum Pump	1 H.P., 415 Volts, 3 Phase	2 H.P., 415 Volts, 3 Phase
Dimensions MM (LXBXH) Approx.	2000 x 800 x 850 mm	3000 x 800 x 850 mm

Automatic Volumetric Liquid Filling Machine

The Automatic Volumetric Liquid Filling Machine is an advanced, high-performance equipment engineered for precision and productivity in liquid filling applications. Designed to meet the stringent demands of pharmaceutical, cosmetic, food, beverage, chemical, and healthcare industries, this machine ensures accurate dosing, hygienic operation, and reliable output—making it an essential part of any liquid packaging line.



Model	XT-VLF-4	XT-VLF-6	XT-VLF-8
Bottle Diameter	30 mm to 100 mm		
Filling Range	30 mm to 100 mm		
Accuracy	+/- 1% Depending on Liquid with Single Dose		
Electrical	440 volts, 3 Ph. 50 Hz. 4 Wire System		
Speed (On 100 ML Fill Volume)	Max. 60 Bottles Per Min	Max. 90 Bottles Per Min	Max. 120 Bottles Per Min
Power	1 H.P.	2 H.P.	3 H.P.
Overall Dimension (LXWXH) MM	1500 x 900 x 1550	1800 x 1100 x 1550	2400 x 1200 x 1550
Conveyor Height	800 - 850 mm	800 - 850	800 - 850
Conveyor Height	10 ml to 50 ml, 50 ml to 200 ml, and 200 ml to 1000ml		

Automatic Gear Pump Servo Driven Liquid Filling Machine

Technical Specifications

Model	XT-AGLF-60	XT-AGLF-90	XT-AGLF-120
No. of Filling Head	4 Head	6 Head	8 Head
Output BPM on 100 ML	40 to 60 Bottle	40 to 90 Bottle	80 to 120 Bottle
Power Consumption	1.5 KW	2.5 KW	3.5 KW
Machine Direction	Left to Right		
Filling Technology	Servo Motor Based Metering		
Bottle Holding	Though Star Wheel or Pneumatic Stopper		
Filling Accuracy	± 2 % Depending Upon the Liquid Properties		
Filling Range	100 ml to 1000 ml		
Bottle Diameter	26 mm to 100 mm		
Bottle Height	Up to 200 mm		
Power Requirement	440v 3 Phase 50Hz 4 Wire System		



Automatic Servo Base Piston Viscous Liquid Filling Machine

Technical Specifications

Model	XT-PSL- 4	XT-PSL- 8	XT-PSL- 16
Production Output	Up to 16-24	Up to 48-72	Up to 90-160
Bottle Size	Round Bottle: 40 — 95mm, Height: 80 — 230mm Flat/Square Bottle: L: 40-95mm, W: 40-95mm, H: 80-230mm		
Filling Volume	100-1000 ml , 500-2000 ml		
Filling Precision	(100ml) $\pm 1g$, (1000ml) $\pm 2g$		
Product Feeding	2000mm		
Filling Nozzle	$\Phi 18$ to 20 mm		
Minimum Bottle Opening Dia.	$\geq \Phi 28mm$		
Air Pressure:	0.6-0.8MPa		



Automatic Single Head Ropp / Screw Capping Machine

Technical Specifications

Model	XT-ACM-60
Output/Hour*	Up to 60 Bottles per Minute (Depending on Bottle Size)
Direction of Movement	Left to Right
No. Sealing Head	1 Nos.
Electrical Specification** Main Motor Conveyor Vibratory Coil	1 HP / 415 Volts / 50 Hz 5 HP / 415 Volts / 50 Hz 300 Watt, Magnetic Coil
Height of Conveyor**	860 mm to 910 mm
Machine Dimensions**	2000 x 800 x 850 mm
Case Dimension	2200 x 1000 x 1050 mm
Net Weight	550 Kgs. Approx.
Gross Weight	350 Kgs. Approx.
Change Parts Required	(A) Container: Star Wheel, Back Guide, (B) Cap Die, Delivery Chute, Bowl



Automatic Rotary Multi Head Screw Capping Machine

Technical Specifications

Model	XT-ACM-80	XT-ACM-120	XT-ACM-150
Output / Hour*	3600 to 4800 Bottles	4800 to 7200 Bottles	6000 to 9000 Bottles
Number of Head	4 Nos.	6 Nos.	8 Nos.
Direction of Movement	Left to Right		
Electrical Specification** Main Motor Conveyor Vibratory Coil	415 Volts / 50 Hz 1.0 HP 0.5 HP 300 Watt, Magnetic	415 Volts / 50 Hz 2.0 HP 0.5 HP 400 Watt, Magnetic	415 Volts / 50 Hz 2.0 HP 0.5 HP 500 Watt, Magnetic
Height of Conveyor**	860 mm to 910 mm		
Machine Dimensions** (LXWXH) MM Approx.	1835 x 1220 x 2250	2435 x 1220 x 2250	3035 x 1220 x 2250
Net Wight	700 Kgs. Approx	800 Kgs. Approx	900 Kgs. Approx



Automatic Vial and Round Bottle Sticker Labeling Machine



Technical Specifications

Model	XT-SLM-60	XT-SLM-120	XT-SLM-150	XT-SLM-200
Product Output	Upto 60 Minute	Upto 120 Minute	Upto 150 Minute	Upto 200 Minute
Input Specification:				
Input Specification: Container Diameter	32 mm to 90 mm	32 mm to 90 mm	32 mm to 90 mm	32 mm to 90 mm
Input Specification: Container Height	10 mm to 160 mm	10 mm to 160 mm	10 mm to 160 mm	10 mm to 160 mm
Label Length	30 mm to 305 mm	30 mm to 305 mm	30 mm to 305 mm	30 mm to 305 mm
Label Roll Diameter	300 mm Max.	300 mm Max.	300 mm Max.	300 mm Max.
Optional Accessories	Ink Roller Printer	Ink Roller Printer	Ink Roller Printer	Ink Roller Printer
label Height	15 mm to 90 mm Standard		15 mm to 90 mm Standard	
Core Dia	75 / 76 mm		75 / 76 mm	
Electrical	220 VAC Single Phase Power Supply (50 / 60 Hz)		220 VAC Single Phase Power Supply (50 / 60 Hz)	
Power	1.2 Amp.		1.2 Amp.	
Capacity	0.5 Kw		0.5 Kw	

Automatic FBWR Labeling Machine

Model
XT-FB 150
SPEED:
50-150BPM



Technical Specifications

- Machine Size: 2500x1400x1500 mm
- Label Height: 20-250mm
- Precision: +/- 1mm
- Power Supply: 1 Phase 230V / 50HZ / AC
- Complete operation is PLC based.
- Bottle Diameter Range: 40-300mm
- Label Core Diameter: 76mm
- Label Outer Diameter: 250mm

Feature

- Suitable for Glass/Plastic/Tin containers.
- High Accuracy and high speed, dispensing & labelling automatically.
- Label Head stepper / servo motor
- No bottle no Label system inbuilt.
- Inbuilt Auto-sync feature.

Technical Specifications

- Machine Size: 3000x1500x1800 mm
- Label Height: 20-250mm
- Precision: +/- 1mm
- Power Supply: 1 Phase 230V / 50HZ / AC
- Complete operation is PLC based.
- Bottle Diameter Range: 40-300mm
- Label Core Diameter: 76mm
- Label Outer Diameter: 250mm

Feature

- Suitable for Glass/Plastic/Tin containers.
- High Accuracy and high speed, dispensing & labeling automatically.
- Label Head stepper / servo motor.
- No carton no Label system inbuilt.

Model XT- FBWR 150
SPEED: 50-150BPM



Automatic Top + Wraparound Labeling Machine

Model
XT- TWR 150
SPEED: 50-150BPM

Technical Specifications

- Machine Size: 1500x650x1800 mm
- Label Height: 20-200mm
- Precision: +/- 1mm
- Power Supply: 1 Phase 230V / 50HZ / AC
- Complete operation is PLC based.
- Bottle Diameter Range: 20-100mm
- Label Core Diameter: 76mm
- Label Outer Diameter: 250mm

Feature

- Suitable for Monocartons.
- High Accuracy and high speed, dispensing & labelling automatically.
- Label Head stepper / servo motor.
- No carton no Label system inbuilt.



Automatic Top Labeling Machine



Model

XT-TL 150

SPEED: 50-150BPM

Technical Specifications

- Machine Size: 1500*650*1800 mm.
- Label Height: 20-150mm.
- Precision: +/- 1mm.
- Power Supply: 1 Phase 230V/50HZ/AC.
- Complete operation is PLC based.
- Bottle Diameter Range: 80-200mm.
- Label Core Diameter: 76mm.
- Label Outer Diameter: 250mm.
- Inbuilt Auto-sync feature.

Feature

- Suitable for Cartons/Pouches/IV Bottles.
- High Accuracy and high speed, dispensing & labelling automatically.
- Label Head stepper / servo motor.
- No bottle no Label system inbuilt.

Track & Trace With Tamper Evident Labeling Machine

Model

XT - TTE 150

SPEED: 50-150BPM

Technical Specifications

- Machine Size: 2000*1400*1500 mm.
- Label Height: 10-15mm.
- Precision: +/-1mm.
- Power Supply: 1 Phase 230V/50HZ/AC.
- Complete operation is PLC based.
- Bottle Diameter Range: 50-200mm.
- Label Core Diameter: 76mm. Label Outer Diameter: 250mm.

Feature

- Carton Separator Belt with Orientation Verification Facility.
- High Resolution with TIJ Printer.
- Industrial Grade Optics for Inspections of Codes & Human Readable Data.
- Pneumatic Carton Rejection System.
- Pass & Rejection Verification System.
- Maximal Integration flexibility through modular design.



Automatic Rotary Monoblock Piston Filling Cum Sealing Machine GMP Model



Features

- 'GMP' Model based on advanced technology.
- Single Operator for Two Operations.
- Less Floor Area -as both the sections driven by one motor.
- No Contamination as immediate sealing of filled bottles.
- Accuracy $\pm 1\%$ due to piston dosing principle.
- Centralized Volume Adjustment System.
- No Bottle No Fill for Individual head, hence no spillages.
- Placing of Cap Feeder Outside Monoblock-avoid entering of dust in it.
- Less Caps in chute automatically stop the Machine.
- Additional Sensors for Minimum and Maximum Level of Cap in chute which automatically Start and stop.
- Rotary cap feeder to avoid Damage of caps during Rotation and Wastage of Energy.
- Better finish imported polished, laminated S.S. sheet used.
- Electronic liquid level controller and pneumatically controlled control valve.
- Drip trays under the conveyor.
- Self Lubricating UHMW- PE Guide profile for Low friction wear surface, smooth and noiseless conveying.
- Universal Coupling for quick and easy setting of In-feed worm.
- Safety Guard for Operation and Protection.
- Electronic Sensor at out feed for Bottle Jamming.



Technical Specifications

Model	XT-RLM - 6/6	XT-RLM-8/8	XT-RLM -12/8	XT-RLM -16/ 12
Output/Hour	2500 to 4800 BPH	4000 to 8000 BPH	6500 to 9000 BPH	7000 to 12000 BPH
Number of head/syringes	6	8	12	16
Number of head/sealing	6	8	8	12
Direction of Movement**	Left to Right			
Fill Size**	30 ml. to 200 ml. With help of change parts			
Electrical Specification**	415 Volts / 50 Hz.	415 Volts / 50 Hz.	415 Volts / 50 Hz.	415 Volts / 50 Hz.
Main Machine	3 HP	3 HP	5 HP	5 HP
Oriental Bowl	0.5 HP	0.5 HP	0.5 HP	0.5 HP
Conveyor	0.5 HP	0.5 HP	0.75 HP	0.75 HP
Machine Dimensions **	3050 mm (L) x 1400 mm (W) x 2200 mm (H)	3050 mm (L) x 1400 mm (W) x 2200 mm (H)	3650 mm (L) x 1700 mm (W) x 2400 mm (H)	4050 mm (L) x 1700 mm (W) x 2400 mm (H)
Net Weight	2200 Kgs.	2700 Kgs.	3500 Kgs.	4000 Kgs.
Height of Conveyor	920 mm to 970 Adjustable -			
Change parts required	(A) Container: Star Wheel, Back guide, Feed Worm, Nozzle (B) Cap: Die, Delivery chute, bowl. (C) Syringes (If volume higher/lower then above specification)			

Automatic Flow Meter Rotary Monoblock Liquid Bottle Filling and Capping Machine



Features

- FLOW Meter for High Fill Accuracy and Repeatability.
- Electronically controlled Volume settings through HMI, No Mechanical settings required
- Built in PLC with Colour Touch Screen Operation.
- No Bottle - No Fill System,
- No Bottle - Machine Stop System
- Rotary Bottle Movement for smoother operation
- All contact parts made of SS316 material with easy removal system.
- Very High Fill Accuracy of +/- 1 to 1.5ml for any fill volume upto 250ml and +/- 2ml above 250ml Pack Size.
- Machine also available with option of high fill accuracy of +/- 0.5 to 1ml
- Suitable For Syrup and Suspension having higher viscosity.
- No Tank Inside the Machine for Liquid
- Minimum Change Over time
- Simple Change over for different size of Bottles with No Change Parts system for Different Fill Volume
- Built in A.C. Variable Frequency Drive System.
- Suitable to Handle ROPP as well as Normal SCREW Cap with help of change parts
- Machine also available with Pick N Place SCREW capping for CRC/Special caps.
- Filling and Capping operation in Single machine due to Mono block design
- All Features mentioned above may not be part of standard machine, please check your requirement.



Model	XT-RFLM-36 x 12	XT-RFLM - 36 x 18	XT-RFLM - 40 x 20
Output/Hour	7,500 to 12,000 BPH	10,000 to 14000 BPH	12,000 to 1,8000 BPH
Number of head	36	36	40
Number of head/sealing	12	18	20
Direction of Movement**	Left to Right		
Fill Size**	30 ml. to 2000 ml. With help of change parts		
Electrical Specification**	415 Volts / 50 Hz.	415 Volts / 50 Hz.	415 Volts / 50 Hz.
Main Machine	5 HP	75 HP	10 HP
Oriental Bowl	1 HP	1 HP	1.5 HP
Conveyor	1 HP	1 HP	1.5 HP
Machine Dimensions **	5050 mm (L) x 2500 mm (W) x 2700 mm (H)	5550 mm (L) x 2500 mm (W) x 2700 mm (H)	6050 mm (L) x 2500 mm (W) x 2700 mm (H)
Height of Conveyor	920 mm to 970 Adjustable-		
Change parts required	(A) Container: Star Wheel, Back guide, Feed Worm, Nozzle (B) Cap: Die, Delivery chute, bowl. (C) Syringes (If volume higher/lower then above specification)		

ORAL DRY SYRUP



Dry Syrup Filling Line 60 Bpm



Automatic Air Jet Air and Vacuum Cleaning Machine

Technical Specifications



Model	XT-AJC-120	XT-AJC-200
Output/Hour*	2000 to 6000	8000 to 12000
Direction of Movement	Left to Right	
Electrical Specification	1 HP / 415Volts / 50 Hz.	
Air Consumption	15 to 20 cfm	
Electric Load	1.29 Kw	
Height of Conveyor	850 mm to 900 mm Adjustable.	
Machine Dimensions (mm)	2175 (L) x 780 (W) x 1550(H)	
Case Dimensions (mm)	2400 (L) x 1000 (W) x 1750 (H)	

Automatic Double Head Auger Type Powder Filling Machine

Technical Specifications

Model		XT-APF-80
Output/Hour*		2000 to 4000 Containers
No. of Head		02-01-2004
Air Consumption		5 to 6 cfm
Fill Size **		5 Gms to 200 Gms (with the help of change parts)
Power Consumption**	Main Motor	3.25 HP / 415Volts / 50 Hz.
Machine Dimension (mm)		1800 (L) x 700 (W) x 1950 (H)
Case Dimensions (mm)		2000 (L) x 950 (W) x 2150 (H)



Dry Syrup Filling Line 180 Bpm



Technical Specifications

Model	XT- RPF - 120	XT- RPF -180
Output/Hour*	4000-7200	8000-12000
No of Head	16/8	24/8
Fill Size***	3 Gms to 50 Gms (with the help of Change parts)	
Accuracy	± 2 %	
Power Main	3 HP / 415Volts / 50 Hz.	
Consumption** Machine and Conveyor Vacuum Pump	3 HP / 415Volts / 50 Hz	
Air Consumption	5 to 6 cfm	
Vacuum Line	1000 litre	
Height of Conveyor	850 mm to 900 mm	
Machine Dimension (mm)	2750 (L) x 1250 (W) x 2150 (H)	
Case Dimensions (mm)	2950 (L) x 1480 (W) x 2350 (H)	



GLOBAL PRESENCE



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