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## Overview of XTECHNOCRAT Business

### INTEGRATED PRODUCTS

#### Packaging Machine

Blister Packing Machine
Strip Packing Machine
Auto Cartoning Machine
Format Parts
Case Packing
Taping Machine
Shrink Wrapping
Stretch Wrapping
Palletizer

#### Material Storage

Shop Floor Solution
Tool Storage Cabinet
Vertical Carousels
Automatic Storage Solutions
Shelving System
Cantilever
Pallet Racks
Mezzanine
Bins & Pallets

#### Filling & Sealing Machine

Bottle
Tube
Sachet
Stick Pack

#### Material Handling Equipment

Pallet Trucks
Forklift
Stacker
Warehouse Equipment

#### Labeling Machine

Top Bottom Temper Proof
Front Back
Tube Labeling
L Shape
Wrap Around

#### Industrial Robotics

Scara Robot
Articulated Robot
Parallel
Collaborative Robot
Mobile Robot



## COMPANY PROFILE

XTECHNOCRAT brought this concept through 11 years of experience in the industry i.e. Pharmaceuticals, Foods, Cosmetics, FMCG, Automobile, Defence & Manufacturing. We helped our clients for Product Packaging, Space Inventory and Material Handling.

In current market scenario, Customers are expecting Quality product, one stop solution for packaging machinery, No order dispatch follow-up, Low cost maintenance including service & Spare, Trustable supplier, commitment delivered etc. We Offer all these benefit to Industry.

We support clients to more focus on their product improvement & new brand for capturing their market. It is possible because XTECHNOCRAT take care of customer need & continuous Production. We save clients Efforts, Time & Money.

## VISION

Ensure customer concern, our support is prime responsibility for XTECHNOCRAT. We aiming for the best possible solution according to your need.

## MISSION

To become a leader of innovative products & technology to lead advantage for our customer.

## OUR INITIATIVES

Xtechnocrat collaborated with worlds best brands and brings innovative products, latest technologies in competitive price.



## TUBE FILLING & SEALING MACHINE



### MODEL XTRO-140

#### ■ Technical Specification:

	RO 140	RO 80	RO 60
Operation	Automatic	Automatic	Automatic
Number of Heads	2	1	1
Output (Tubes/min)	120-130	70-75	50-60
Hopper Volume	75 liters	75 liters	30 liters
Power consumption (Laminated/Plastic)	16.0 kw	9.5 kw	7.5 kw
Power Consumption (Aluminum)	8.0 kw	6.0 kw	4.0 kw
Air Consumption (@6 kg/cm <sup>2</sup> )	20 cfm	15 cfm	10 cfm
Approx. Weight (Net)	1650 kg	1150 kg	750 kg
Approx. Weight (Gross)	2000kg	1500kg	1100kg
Dimension3 (LxBxH mm)	2300x1900x2350	2000x1500x2350	1900x1400x2350



## TUBE FILLING & SEALING MACHINE



**MODEL  
XTRO-60**

### ■ Key Features:

- Easy to clean and maintain.
- Compact design and simple operation.
- Compliant with cGMP and WHO standards.
- S.S. 316 and Teflon contact parts.
- No-tube-no-fill mechanism.
- Automatic tube orientation.
- Nozzle shut-off mechanisms to prevent dripping.
- Accurate filling up to  $\pm 1\%$  of the filling volume.
- Interlocks to ensure operator and machine safety.
- System to cut-off the rat-tail from the filling nozzle by airburst.

### ■ Input Specifications:

Parameter	Value
Filling Range <sup>1</sup>	3 grams – 250 grams
Tube diameter <sup>2</sup>	16 mm – 50 mm
Tube Height	85 mm – 200 mm



**MODEL  
XTRO-80**

1 – Maximum filling volume for RO-140 is 200 grams.

2 – Maximum tube diameter for RO-140 is 35 mm.

## LIQUID FILLING MACHINE SERIES



*In-line aseptic preparation machine which is designed for vials & eye-drops. It can be equipped with unscrambler, nitrogen filling, liquid filling, stopper, pre-closing & closing machine become a complete In-Line eye drop processing machine.*

**Max. Capacity: 100 Bottle/Minute.**

## AUTOMATIC LIQUID FILLING, PLUGGING & CAPPING MACHINE

This KDL-980 series machine is an automatic plugging, & liquid filling, capping machine. It is capable of filling small containers (2cc to 60cc) including eye-drops, vials, cosmetics, & other type containers. This mono-block type machine consist of bottle feeding, nitrogen air filling, liquid filling, plugging, and capping.

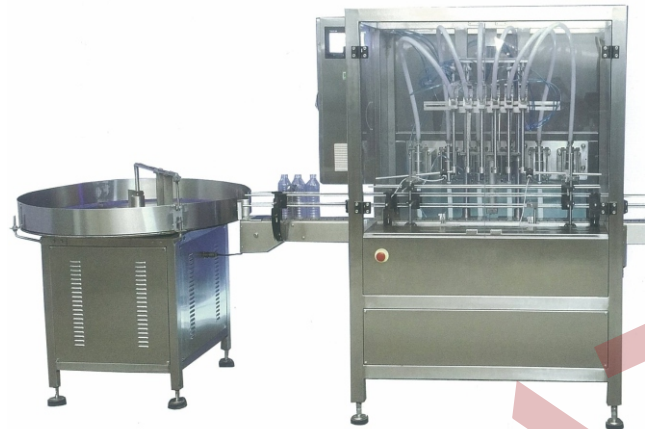
**Max. Capacity: 50-100 Bottles/Minute.**



## AUTOMATIC LIQUID FILLING LINE

### ■ **Features:**

- Fills 100 ml to 1 ltr without change parts and upto 5 ltr in multiple strokes.
- Variable fills in pack sizes of 10 ml to 50 ml and 50 ml to 300 ml.
- High-resolution hand wheel for volume adjustments.
- Fine knob adjustments to control filling and diving speeds.
- Smooth fill, with nozzle withdrawing from bottom of container, for foaming products.
- Special drip free nozzle.
- Fills hot liquids upto 120 deg C, with ease.
- Stirrer in the hopper.
- GMP standard machine for food and Pharma products.



## AUTOMATIC POWDER FILLING LINE

### ■ **Features:**

- Packs 10 gm to 1 kg with size parts consisting of auger and funnel.
- High resolution star wheel with a 4 digit presettable digital counter (PDC), which precisely sets quantity to be filled.
- Drive transmission through imported poly-ribbed V-groove belt to maintain constant speed, for high accuracy.
- Designed for GMP and non-GMP products.
- Available in vertically mounted clutch-brake or servo drive systems.
- Separate drive for auger and stirrer.
- Available in single or multiple head versions.
- High precision adjustment of clutch-brake drive accuracies even in case of progressive wear.





## SACHET PACKAGING



### MODEL GAMMA

Machines equipped with suitable dosing systems for the packaging of powders, granules, liquids, tablets in sachets and subsequent automatic introduction into pre-glued cartons.

SACHET	Min.	Max
Width [mm]	25	100
Length [mm]	50	200
Dose [cm <sup>3</sup> ]	0,1	100

PRODUCTIVITY		
Output Lanes	up to 4000 sachets/min from 4 to 20	

REEL	
Max width [mm]	1200
External Ø [mm]	800

### COMPLETE PACKAGING LINES FOR 4-SIDE-SEAL SACHETS

### MODEL THETA

#### AUTOMATIC MULTI-LANE HIGH SPEED SACHET MACHINE

THETA is the new Universal Pack's continuous motion machine to produce 4 side seal sachets. It can be equipped with any dosing system and can accommodate a large range of sachet sizes. Machine's output is based on the number of lanes and speed and it ultimately depends on type of product, dose and format.

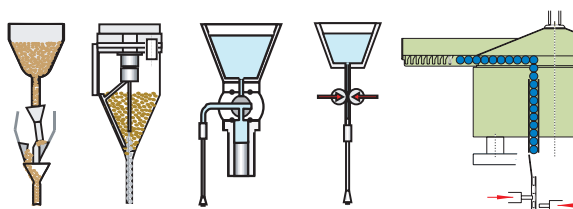


SACHET	Min.	Max
Width [mm]	25	100
Length [mm]	50	200
Dose [cm <sup>3</sup> ]	0,1	100

PRODUCTIVITY		
Output Lanes	up to 4000 sachets/min from 4 to 20	

FOOTPRINT	
Width [mm]	2000
Length [mm]	2700
Height [mm]	2600

REEL	
Max width [mm]	1200
External Ø [mm]	500 or 800



## STICK PACKAGING



### MODEL **ALFA**

#### SYNTHESIS ALFA WITH CONTINUOUS MOTION CARTONING MACHINE

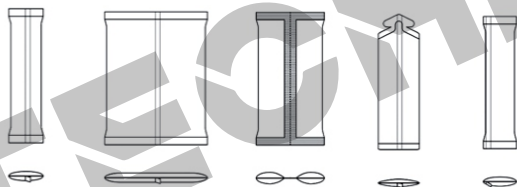
ALFA Stick-pack machines can be connected to intermittent or continuous motion cartoning machines, to satisfy all kind of customer's requirements.

STICK	MIN	MAX
Width (mm)	10	140
Length (mm)	30	200
Height (mm)	0,1	300

PRODCUTIVITY	
Output Lanes	up to 2400 stick/mm from 2 to 24

REEL	
Max width (mm)	1200
External Ø (mm)	600

TYPE OF STICK-PACK

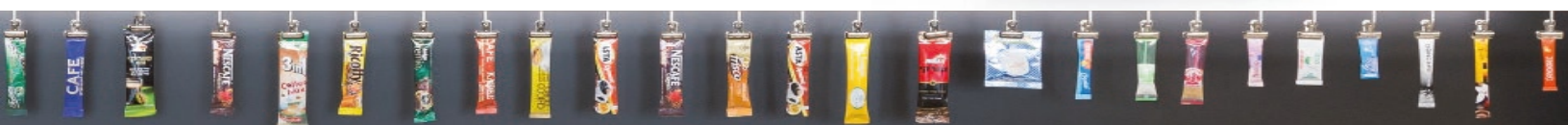


### MODEL **ALFA FLEXI**

*The Ultimate Stick-pack Machine*

**PERFECT FOR CUSTOMERS WHO NEED A  
VERSATILE & HIGHLY EFFICIENT MACHINE**

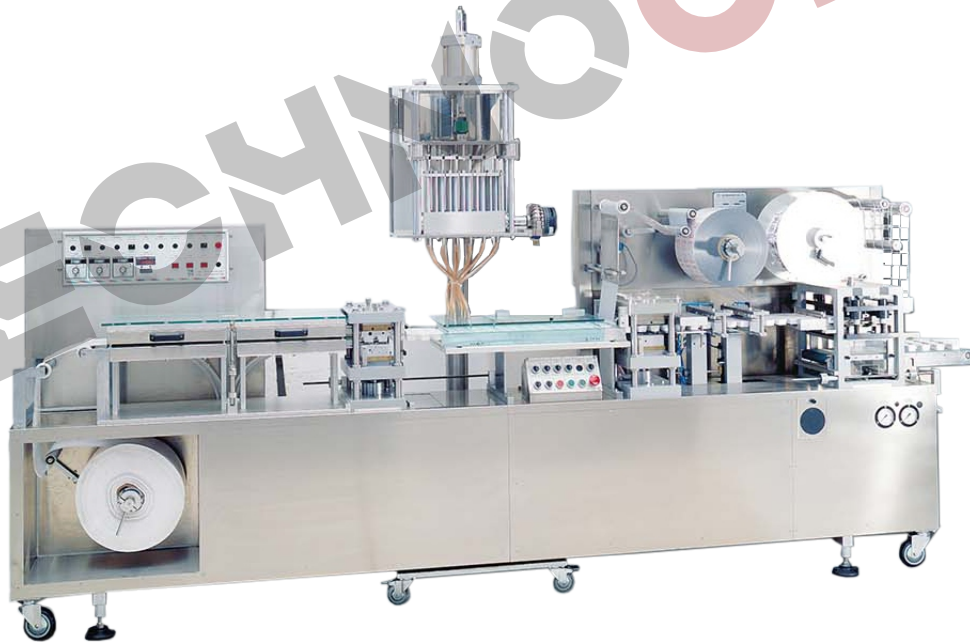
STICK	MIN	MAX	REEL	
Width (mm)	16	120	Max width (mm)	330
Length (mm)	40	230	External Ø (mm)	450
Height (mm)	0,1	250	Core Ø (mm)	76/150
PRODCUTIVITY			FOOTPRINT	
INPUT (sticks/mm)	up to 800		Width(mm)	1100
Lanes	from 1 to 8		Lenght (mm)	1900
Efficiency	> 99%		Height (mm)	2200



**THERMOFORMING & COLD-FORMING BLISTER PACKING MACHINE**



**AUTOMATIC LIQUID BLISTER PACKING MACHINE**



**Features:**

- Accurate & Efficient
- High Quality
- Long Life span
- Short Set-up time
- Diverse design
- High extensibility
- Simplicity and ease of cleaning & maintenance



## Technical Specification:

Machine Model		DK-PS 20A DK-PS 2000A		DK-PS 30A DK-PS 3000A		DK-PS 40A DK-PS 4000A		DK-PS 40AL DK-PS 4000AL		DK-PS 40AXL DK-PS 4000AXL		DK-PS 40F	
Available Forming Area (mm)		116*118		116*150		116*198		PTP 134*198 ALU 116*198		PTP 134*236 ALU 116*236		116*198	
Forming Depth (mm)		10 OR CUSTOMIZED		10 OR CUSTOMIZED		10 OR CUSTOMIZED		10 OR CUSTOMIZED		10 OR CUSTOMIZED		MAX. 25 OR CUSTOMIZED	
Reel Diameter Film (Max. mm) Foil (Max. mm) Core (mm)		400 240 74~76		400 240 74~76		400 240 74~76		400 240 74~76		400 240 74~76		400 240 74~76	
CONVEYING LENGTH (MAX. MM)		119		119		119		PTP 136 ALU 119 OR CUSTOMIZED		PTP 136 ALU 119 OR CUSTOMIZED		119 OR CUSTOMIZED	
CAPACITY STROKES/MIN. (MAX.)		50		50		50		50		50		MAX. 40	
ELECTRICAL CONNECTION		220V 380V 415V 440V 50Hz or 60Hz		220V 380V 415V 440V 50Hz or 60Hz		220V 380V 415V 440V 50Hz or 60Hz		220V 380V 415V 440V 50Hz or 60Hz		220V 380V 415V 440V 50Hz or 60Hz		220V 380V 415V 440V 50Hz or 60Hz	
COOLING WATER CONSUMPTION		0.06m <sup>3</sup> ~0.1m <sup>3</sup> /hr 15°C~20°C		0.06m <sup>3</sup> ~0.1m <sup>3</sup> /hr 15°C~20°C		0.18m <sup>3</sup> ~0.3m <sup>3</sup> /hr 15°C~20°C		0.18m <sup>3</sup> ~0.3m <sup>3</sup> /hr 15°C~20°C		0.18m <sup>3</sup> ~0.3m <sup>3</sup> /hr 15°C~20°C		0.18m <sup>3</sup> ~0.3m <sup>3</sup> /hr 15°C~20°C	
MAIN MOTOR		with PLC + HMI 2HP- 4P	without PLC + HMI 1HP- 4P	with PLC + HMI 2HP- 4P	without PLC + HMI 1HP- 4P	with PLC + HMI 2HP- 4P	without PLC + HMI 1HP- 4P	with PLC + HMI 2HP- 4P	without PLC + HMI 2HP- 4P	with PLC + HMI 2HP- 4P	without PLC + HMI 2HP- 4P	with PLC + HMI 2HP- 4P	without PLC + HMI 1HP- 4P
POWER CONSUMPTION		5.5k	4.8k	6.3k	5.6k	7.1k	6.4k	7.1k	7.1k	7.9k	7.9k	6.9k	6.3k
FLOOR SPACE (MM)	LINEAR TYPE	920W 4530L 1684H	827W 3569L 1659H	920W 4530L 1684H	872W 3998L 1684H	920W 4530L 1684H	872W 4198L 1684H	920W 4530L 1684H	907W 4198L 1684H	931W 4530L 1684H	907W 4198L 1684H	812W 4198L 1684H	872W 4198L 1684H
	L-SHAPED TYPE	1476W 4132L 1684H	1103W 3397L 1659H	1476W 4132L 1684H	1103W 3826L 1684H	1476W 4132L 1684H	1103W 4026L 1684H	1476W 4132L 1684H	1138W 4026L 1684H	1476W 4132L 1684H	1138W 4026L 1684H	1043W 4026L 1684H	1103W 4198L 1684H
	SINGLE- REJECTED TYPE					835W 5651L 1730H		835W 5700L 1730H		835W 5700L 1730H			

## ROTARY FORMING & ROTARY SEALING



### MODEL XTHC-TRIUMPH

#### Special Features:

- Production capacity upto 7 Lacs Tablets / Shift
- No Micro-Stops
- One user interface for all components
- Best built quality
- Rigid Design
- Full GMP Standards satisfying with all Stainless steel cladding
- Hi-speed with smoothness & noiseless performance

#### Technical Specification:

DESCRIPTION	COLD FRAMING	THERMO FORMING
Base Foil Width	240 MM	240 MM
Base Foil Thickness	0.25 MM	0.25 - 0.40 MM
Base Foil Material	Aluminum	PVC / PVDC / ACLAR / OPAQUE / TRIPLEX
Base Foil Reel Diameter	440 MM (Max)	
Sealing Foil Width	240 MM	
Sealing Foil Thickness	0.025 MM	0.025 MM
Sealing Foil Material	Aluminum	Aluminum / CR Foil / Laminated Paper
Sealing Foil Reel Diameter	210 MM (Max)	210 MM (Max)
Max. Packet Forming Area	230 X 150 MM	
Max. Forming Depth	10 MM 16 MM	16 MM
Machine Speed Upto	40 Strokes / Min.	35 Strokes / Min.
Approximate Weight of Machine	2500 KG	
Machine (Length X Width X Height)	3690 X 1050 X 2061 MM	
Electrical	3 Phase, 7.5 KW, 50 Hz, 5 Wire, 2.5 Sq. MM	
Chilled Water Requirement	100 Liters of chilled Water / Hour at 16° C Temperature	
Additional Safety	Air Dryer, Voltage Stabilizer	
Compressed Air Requirement	Dry Air with 6 Bar continuous Pressure (3HP Compressor - 20 CFM)	

## ROTARY FORMING & ROTARY SEALING

### MODEL XTHC-BLISS 240

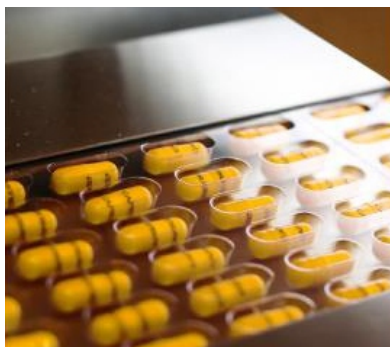
#### Special Features:

- Production capacity upto 2500 Tablets per/min.
- Production capacity upto 250 Ampoules-Vials per/min.
- Best built quality
- Rigid Design
- Full GMP Standards satisfying with all Stainless steel cladding
- Hi-speed with smoothness & noiseless performance



DESCRIPTION	PVC BLISTER-240
Forming Depth	16 mm/20 mm for Ampule/Viral
Max. Output	200000 Ampoule-Vials per Shift (8Hr.)
	upto 1200000 Tablet - Capsules per shift (8 Hr.)

## FORMAT PARTS



### ***Offering a full solution when it comes to blister packaging tooling & cartoning tooling.***

We supply blister tooling for all thermoforming and cold forming, continuous and intermittent lines. Format parts for Uhlmann, IMA, Marchesini, Partena, Elmach, ACG, Romaco and many more. We are the only alternative to the often expensive/slow reacting OEM's. We generate 3D rendered presentations (free of charge) to help communicate our solution and for the customer to communicate internally. Our unrivalled knowledge and design excellence for blister tooling stems from decades designing and manufacturing blister tooling for all makes and models of Blister Packaging Lines.

#### ***Precision Gears – IMA***

240CH
RotoVAC 210
RotoVAC 210+
230T
230XT
TR 102
PG Ecostar
PG Express

#### ***ELMACH***

EPI 2000
EPI 2300
EPI 2500
EPI 3000
500XT

#### ***PAM-PAE***

BQS
BP602
BP120/102
B45

#### ***MARCHESINE***

MB421
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#### ***CAM***

NMX
MK33

#### ***HOONGA***

MHM 400R
HM 400P
HM 200 R
HM B300



## CONTINUOUS MOTION CARTONATORS



### MODEL **XTNP-120**

**WELL SUITED TO HANDLE PRODUCTS  
SUCH AS TUBES, BOTTLES, VIALS,  
BLISTERS, SOAPS, SACHETS, POUCHES ETC.**

#### ■ Key Features:

- Continuous motion loading enables gradual and smooth product insertion.
- Safety features to protect the machine against mechanical and electrical overloads.
- Programmable operational time for key machine functions.
- HMI enables fast and easy troubleshooting of issues reducing downtime.
- Programmable user profiles to restrict HMI access based on user level.
- Variable speed drive allows to match cartoning speed with upstream equipment such as a tube filling.
- Bottle filling or labelling machine.

#### ■ Technical Specification:

Carton Length	55 mm - 65 mm (2-chain machine)   65 mm - 180 mm (3-chain machine)   75 mm - 210 mm (4-chain machine)
Carton Width	20mm - 80mm
Carton Height	15mm-60mm
Carton Type	Reverse tuck-in, glued closure straight tuck-in
Carton Specification	280-350gsm (140° pre-folded)
Folded Leaflet Specifications	20-40mm Width   110-170 mm Length
Machine Speed	120 Cartons/minute
Power Consumption	~4.0 kw, 3 phase 415V, 50 Hz
Compressed Air Pressure	4.5 kg/cm <sup>2</sup> (minimum)
Compressed Air Volume	12-18 CFM (depending on optional items)
Net Weight	~1300kg
Gross Weight	~1800kg
Machine Dimension (LxBxH)	4200mmX2060mmx2010mm (Basic Machine)



## MODEL **XTNP-200**

**WELL SUITED TO HANDLE PRODUCTS SUCH  
AS TUBES, BOTTLES, VIALS, BLISTERS, SOAPS,  
SACHETS, POUCHES ETC.**

### ■ **Optional Items:**

- Pre-folded leaflet insertion unit, folding and insertion unit.
- Online printing or debossing with stereos.
- TIJ/CIJ printing unit with printing inspection system.
- Safety guards with/without door switch interlock.
- Transfer systems for bottles, vials, tubes, blisters etc. available.
- Barcode/Pharmacode detection for carton and leaflet.
- CE certification of the machine.
- 21 CFR Part 11 Compliance.

### ■ **Interlocks and Alarms:**

- No-product no-leaflet
- No-leaflet no-carton
- No-carton no-push
- Low Air pressure detection and action
- Pusher overload detection and action
- Drive overload detection and action
- Low carton/leaflet level warnings

### ■ **Technical Specification:**

Carton Length	55 mm - 65 mm (2-chain machine)   65 mm - 180 mm (3-chain machine)   75 mm - 210 mm (4-chain machine)
Carton Width	20mm - 80mm
Carton Height	15mm-60mm
Carton Type	Reverse tuck-in, glued closure straight tuck-in
Carton Specification	280-350gsm (140° pre-folded)
Folded Leaflet Specifications	20-40mm Width   110-170 mm Length
Machine Speed	200 Cartons/minute
Power Consumption	~4.0 kw, 3 phase 415V, 50 Hz
Compressed Air Pressure	4.5 kg/cm2 (minimum)
Compressed Air Volume	12-18 CFM(depending on optional items)
Net Weight	~1500kg
Gross Weight	~2200kg
Machine Dimension (LxBxH)	4000mmx2060mmx2010mm(Basic Machine)

## VERTICAL CARTONING MACHINE



### MODEL XTVC-120

#### ■ Key Features:

- Automatic carton erection-manual product insertion.
- Automatic leaflet insertion available (optional).
- Safety features to protect the machine against mechanical and electrical overloads.
- Interlocking operation between product detection, leaflet placement, carton placement and pusher operation, If carton is not placed, the leaflet insertion shall be by-passed.
- Programmable operational time for key machine functions.
- HMI enables fast and easy troubleshooting of issues reducing downtime.
- Programmable user profiles to restrict HMI access based on user level.
- Variable speed drive allows to match cartoning speed with available human resources.
- Empty carton rejection system comes pre-installed with this machine.

Specification	Ratings	
Power Consumption	2.5 kw (approx.)	
Machine Speed	upto 120 cartons/minute	
Carton Dimension Supported	1. Length: 65-320mm 2. Width: 20-135mm 3. Height: 20-90mm	
Machine Weight	Net Weight	1200kg (Approx.)
	Gross Weight	1500kg (Approx.)
Machine Dimension (LxBxH)	4610mmx1893mmx1848mm	
Compressed Air Pressure	4.5kg/cm2	
Compressed Air CFM	8 CFM (without leaflet unit) 12 CFM (with leaflet unit)	
Machine and Operator Safety	Safety Guards	
	Mechanical Overload Protection	
	Electrical Overload Protection	

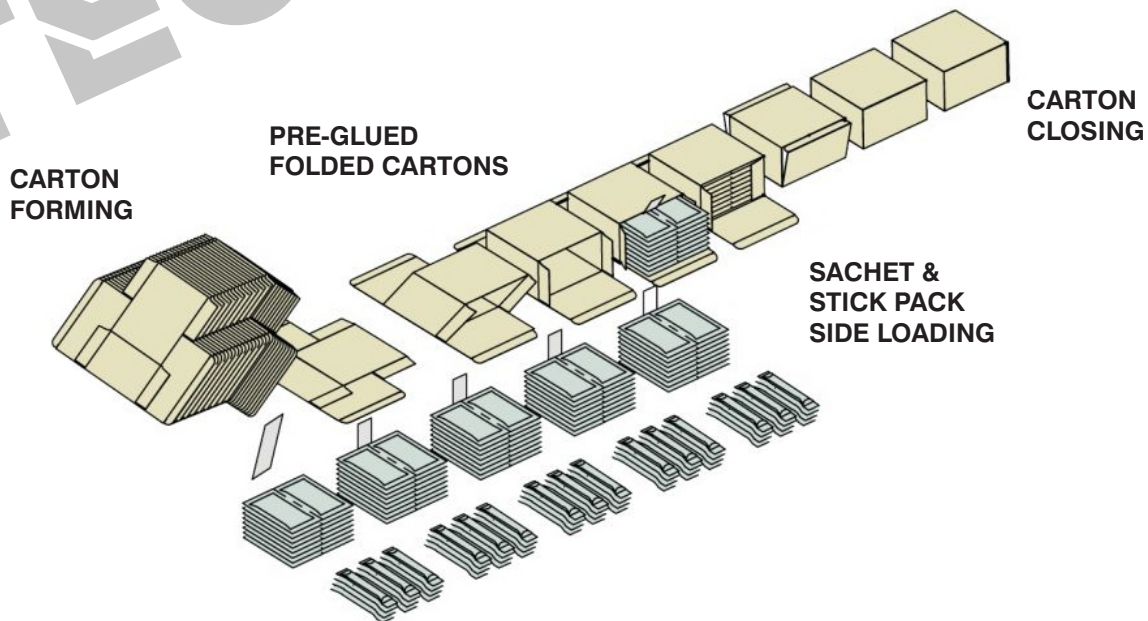


## INTERMITTENT MOTION CARTONER



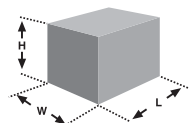
### MODEL **DELTA-130**

*Delta 130 are intermittent motion cartoning machines for packaging of stacked sachets in pre-glued cartons. Delta 130 series machines combine the advantages of reduced overall dimensions with greater solidity, reliability and high throughput.*



## MODEL EASY FLEX

Semi-automatic heat-shrink packing machine with double reel. Manual loading system, particularly suitable for medium production volumes where pack sizes and formats need to be changed often.

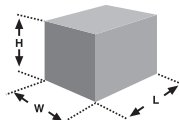


	600	800	1100	1500
	Max*	Max*	Max*	Max*
L	400 mm	500 mm	500 mm	700 mm
H	320 mm	320 mm	400 mm	350/600 mm



## MODEL LINEAR FLEX

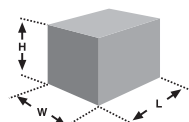
Automatic heat-shrink packing machine with double reel. For medium and large packs, with double-ventilation S-version tunnel. Possibility of total pack closure by layering film.



	600	800	1100	1500
	Max*	Max*	Max*	Max*
L	400 mm	500 mm	500 mm	700 mm
H	320 mm	350 mm	400 mm	350/600 mm

## MODEL CORNER FLEX

Automatic heat-shrink packing machine with double reel. Electronic version fitted with thruster operated by servomotor, up to 30 packs/minute.



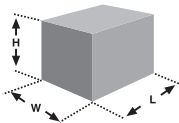
	600	800	1100	1500
	Max*	Max*	Max*	Max*
L	400 mm	500 mm	500 mm	700 mm
H	320 mm	350 mm	400 mm	350/600 mm



## MODEL

# STAR FLEX

Automatic heat-shrink single-fold corner packing machine.



	Max*
L	650 mm
W	400 mm
H	200 mm

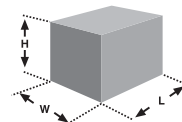
### Technical Features:

- Speed: 35 packs/minute max.
- Film width: single-fold 650 mm max.
- Voltage: 230–400V/50Hz/3Ph+N+T
- Compressed air power: 6 bars
- Installed power: 4 kW
- Weight: 500 kg



## MODEL FLYBAND

Automatic Sleeving Machine.



	Max*
L	280 mm
W	180 mm
H	200 mm



## VERTICAL STRETCH WRAPPING MACHINES



### ■ Technical Features:

- Turntable ø 1500 mm.
- Max. Load weight: 1500 Kg.
- Max. Load dimensions: 800x1200mm.
- Load height sensing photocell.
- Wrapping height Max. 2200 mm.

### Model **SAVING**



### Model **DISCOVERY**

### ■ Technical Features:

- Turntable ø 1650 mm.
- Max. Load weight: 2000 Kg.
- Max. Load dimensions: 1000x1200 mm.
- Load height sensing photocell.
- Wrapping height Max. 2500 mm.



### Model **SMARTWRAP**

### ■ Technical Features

- Turntable ø 1800 mm.
- Max. Load weight: 2000 Kg.
- Max. Load dimensions: 1000x1200 mm.
- Load height sensing photocell.
- Wrapping height Max. 2500 mm.



### Model **MOTION**

### ■ Technical Features

- 2 AGV batteries 12 v – 110 ah serial connected.
- High frequency battery charger integrated.
- Load height sensing photocell.
- Wrapping height max. 2200 mm. (2700 mm, 3000 mm optional).



### Model **NIMBLY**

### ■ Technical Features

- Max. load dimensions: 1200x1200 mm
- Load height sensing photocell.
- Wrapping height max. 2200 mm



### Model **WINGWRAP**

### ■ Technical Features

- Max. load dimensions: 1000x1200 mm
- Load height sensing photocell.
- Wrapping height max. 2000 mm



### Model **IRONMAN**

### ■ Technical Features

- Reel Size - Internal Diameter: 76/50 mm
- Outer Diameter: from 75 mm to 250 mm

### ■ Requisite

- Reel weight from 2.5 kg to 16 kg
- Minimum pallet size: 300 x 300 mm
- Maximum pallet size: ∞ x ∞ x 2100 mm



## VERTICAL MACHINERY / AUTOMATIC



### Model **DISCOVERY**

#### ■ Technical Features

- Max. load weight: 2000 Kg.
- Load dimensions: 1000 x 1200 mm.
- Wrapping height: 2000 mm.
- Max. Rotation speed: 16Rpm.
- Working height: 400-500 mm.



### Model **SMARTWRAP**

#### ■ Technical Features

- Turntable ø 1800 mm.
- Max. Load weight: 1500 Kg.
- Max. Load dimensions: 1000x1200mm.
- Load height sensing photocell.
- Wrapping height Max. 2300 mm\*.



### Model **EDDY**

#### ■ Technical Features:

- Max load dimensions: 1250 x 1250 mm
- Min load dimensions: 600 x 800 mm
- STD Wrapping height: 2100 mm
- Max. Rotation speed:  
LS:25 rpm  
HS:30 rpm  
HD:32 rpm
- Working height:500 mm



### Model **THE RING**

#### ■ Technical Features:

- Load dimensions: 1200 x 1200 mm.
- Wrapping height: 2200 mm
- Max. Rotation speed: 70Rpm.
- Working height: 450-550 mm
- Pre-Stretch ratio:  
Min 160% to Max 300%



### Model **WINGWRAP**

#### ■ Technical Features

- Max. load dimensions: 1000x1200 mm
- Load height sensing photocell.
- Wrapping height max. 2000 mm
- Alarm indications.

## HORIZONTAL MACHINERY / SEMI-AUTOMATIC



### Model **TWIST**

#### **TWIST 420**

Diameter Ring: 420 mm  
Max RPM: 90 RPM  
Height bobine: 125 mm

#### **TWIST 1000**

Diameter Ring: 1000 mm  
Max RPM: 50 RPM  
Height Bobine: 125 mm

#### **TWIST 620**

Diameter Ring: 620 mm  
Max RPM: 70 RPM  
Height Bobine: 125 mm

#### **TWIST 1400**

Diameter ring: 1390 mm  
Max RPM: 30 RPM  
Height Bobine: 250 mm

### Model **TWIST AUTO**

#### ■ **Technical Features**

- Automatic cutting and clamping unit.
- Start & Stop wrapping cycle automatic with photocells.
- Standby adjustable from control panel.  
(after a certain number of minutes without products).
- Power supply: 230V – 1pH – 50Hz.
- Control panel
- Minimum Nr. Of wraps: 3
- Pneumatic power: 6 Bar
- Power transmission by flat belt.
- Bobbin internal diameter: 76 mm.
- Bobbin external diameter: 250 mm.



### Model **TWIST LOGISTIC**

#### **TWIST LOGISTICS 420**

Diameter ring: 420 mm  
Max RPM: 90 RPM  
Height bobine: 125 mm

#### **TWIST LOGISTICS 620**

Diameter Ring: 620 mm  
Max RPM: 70 RPM  
Height Bobine: 125 mm



**TAPING MACHINERY / ADHESIVE TAPE**

**AUTOMATIC SELF-DIMENSIONING CARTONSEALER WITH SELF-ADHESIVE TAPE FOR TOP AND BOTTOM SEALING.**

## Model **LM-50-60-80-TAPE**

### ■ Technical Features

- Power supply: Three-phase/Single-phase
- Installed power: 0,25 Kw
- Average production: 1000 boxes/hour
- Box transfer speed: ~22m/min

**SEMI-AUTOMATIC SELF-DIMENSIONING TAPING MACHINE WHICH SEALS WITH ADHESIVE TAPE THE UPPER AND LOWER PARTS OF UNIFORM BOXES.**

## Model **TBR-50-60-80-TAPE**

### ■ Technical Features

- Power supply: Three-phase/Single-phase
- Installed power: 0,25 Kw
- Average production: 600 boxes/hour
- Box transfer speed: ~22m/min



**AUTOMATIC CARTON SEALER WITH MANUAL DIMENSIONING AND FLAP CLOSER. IT FOLDS AUTOMATICALLY THE FOUR UPPER FLAPS AND SEALS WITH AUTO-ADHESIVE TAPE THE TOP AND BOTTOM OF BATCHES OF UNIFORM SIZE.**

## Model **LMA-52**

### ■ Technical Features

- Power Supply: Three-phase/Single-phase
- Installed Power: 0,23 Kw
- Average Production: 1200 boxes/hour
- Box transfer speed: ~22m/min

**QUICK BOX FORMAT ADJUSTMENT, TAKES THE FLAT SHEET OF CARDBOARD FROM THE LATERAL MAGAZINE AND AFTER FOLDING THE FOUR LOWER FLAPS, THE BOX IS TAPED AND READY FOR FILLING.**

## Model **BOX TAPE**

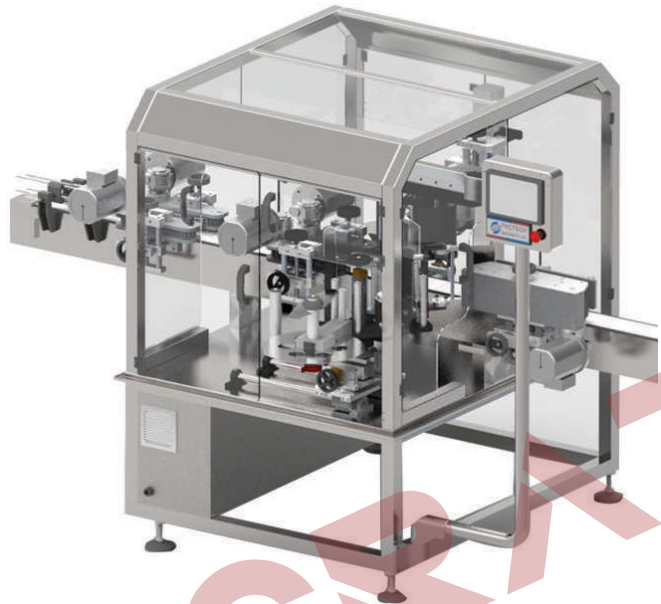
### ■ Technical Features

- Dimensions of boxes to form  
L: 220 - 600mm W: 100 - 500mm H: 150 - 750mm
- Footprint 2100 x 1600 mm
- Weight: 490 kg / 1080 lb
- Compressed air supply 6 Bar, 13 nl per cycle

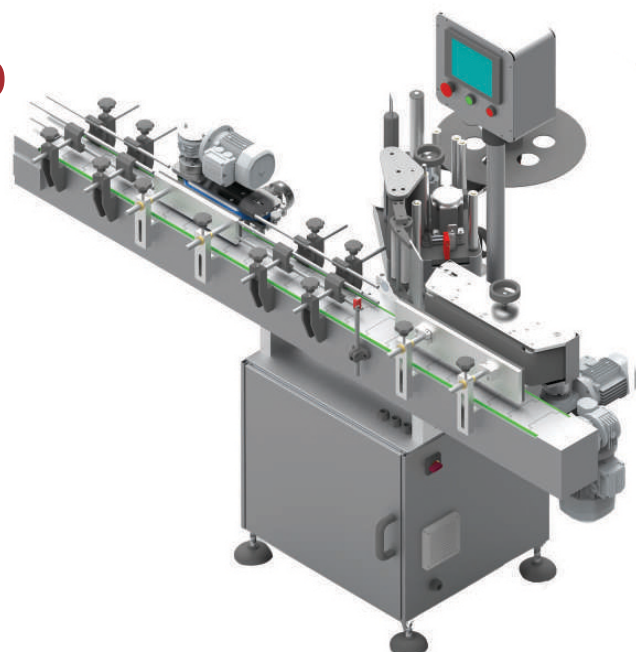
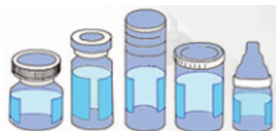


**AUTOMATIC LABELING MACHINE****Model****PM 50/100/150 Fb20**  
**SPEED: 50-200BPM****■ Specifications:**

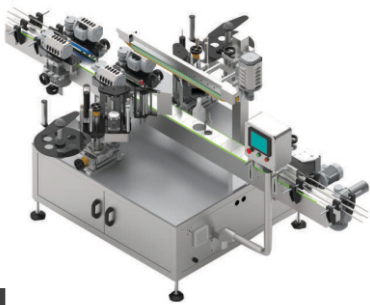
- Machine Size: 2500\*1400\*1500mm
- Label Height: 20-250mm
- Precision: +/- 1mm
- Power Supply: 1 Phase 230V/50HZ/AC
- Complete operation is PLC based.
- Bottle Diameter Range: 40-300mm
- Label Core Diameter: 76mm
- Label Outer Diameter: 250mm

**AUTOMATIC WRAPROUND LABELING MACHINE****Model****PM 50/100/150 WR 20**  
**SPEED: 50-150BPM****■ Specifications:**

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



**AUTOMATIC FBWR  
LABELING MACHINE**



**Model  
PM 100/300 FBWR 10  
SPEED: 50-150BPM**

■ **Specifications:**

- Machine Size: 3000\*1500\*1800mm
- Label Height: 20-250mm
- Precision: +/- 1mm
- Complete operation is PLC based.
- Bottle Diameter Range: 40-300mm
- Label Core Diameter: 76mm
- Label Outer Diameter: 250mm

**AUTOMATIC TOP + WRAPAROUND  
LABELING MACHINE**

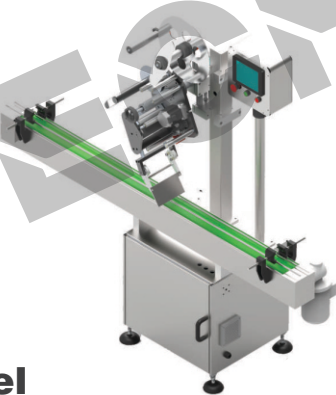


**Model  
PM 100/300 TWR 10  
SPEED: 50-150BPM**

■ **Specifications:**

- Machine Size: 1500\*650\*1800mm
- Label Height: 20-200mm
- Precision: +/- 1mm
- Complete operation is PLC based.
- Bottle Diameter Range: 20-100mm
- Label Core Diameter: 76mm
- Label Outer Diameter: 250mm

**AUTOMATIC TOP  
LABELING MACHINE**

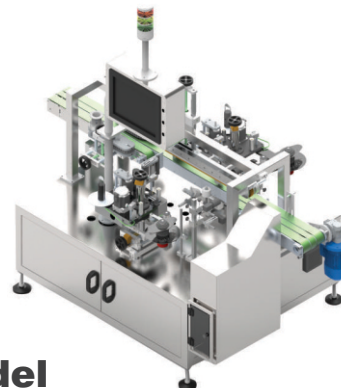


**Model  
PM 100/300 TL 10  
SPEED: 50-150BPM**

■ **Specifications:**

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

**TRACK & TRACE WITH TAMPER  
EVIDENT LABELING MACHINE**



**Model  
PM 100/300 TTTE 10  
SPEED: 50-150BPM**

■ **Specifications:**

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



## INDUSTRIAL ROBOTICS

### Model **SCARA 910SC**

**PAYLOAD** 6 KG  
**REACHABILITY(MM)** 450/550/650

*These applications require fast, repeatable and articulate point-to-point movements such as palletizing, depalletizing, machine loading/unloading and assembly.*



#### ■ Specification

Robot Version	Reach (m)	Payload (kg)*
IRB 910SC-3/0.45	0.45	Rated:3, Max: 6
IRB 910SC-3/0.55	0.55	Rated:3, Max: 6
IRB 910SC-3/0.65	0.65	Rated:3, Max: 6
Number of axes	4	
Protection	IP20	
Mounting	Table	
Controller	IRC5 Compact	
Intergrated Signal	10 signal on wrist	
Intergrated Air Supply	4 air on wrist (5 bar)	

\*Armload is included in the max payload.

### Model **IRB 360**

**PAYLOAD** 1/3/6/8 KG  
**REACHABILITY(MM)** 1130/1600

#### ■ Specification

Robot Version	Handling Capacity	Diameter	No. Axes
IRB 360-1/1130*	1 kg	1130 mm	3/4
IRB 360-3/1130	3 kg	1130 mm	3/4
IRB 360-1/1600	1 kg	1600 mm	4
IRB 360-6/1600	6 kg	1600 mm	4
IR 360-8/1130	8 kg	1130 mm	4
Supplementary load	on upper arm		350 g
	on lower arm		350 g
Intergrated Signal Supply	12 poles 50V, 250mA		
Intergrated vacuum supply	Max. 7 bar/max vaccum 0.75 bar		

\*Tested by IPA, all axes



## ARTICULATED ROBOT



**IRB 1200**  
PAYLOAD: 5-7 kg  
REACH: 0.7, 0.9m



**IRB 1600**  
PAYLOAD: 6-10 kg  
REACH: 1.2, 1.45m



**IRB 4400**  
PAYLOAD: 60 kg  
REACH: 1.95m

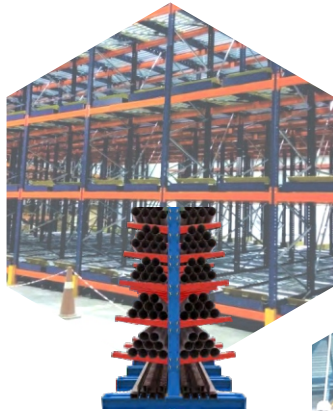
## COLLABORATIVE ROBOT



### ■ Key Features

- 500g rated payload
- Reachability 559mm
- Small footprint, 7-axis dexterity
- Very lightweight manipulator, 9.5 kg
- Mounting in any position
- Integrated Gripper with vision and vacuum
- Best-in-class safety design
- High speed and accuracy
- PL d Cat 3 Protective stop & emergency stop

## MATERIAL STORAGE SOLUTION



**RACKING**



**SHELVING**



**MEZZANINE**



**VRC**

### **RACKING**

*These Racks are designed to use / utilize make most of the available space and allow effective storage of all inventory and materials. They are manufactured using high quality material to ensure durability. Ideal pallet racks are designed based on size of the pallets, type of pallets, storage products, physical limitations & usage.*



**SELECTIVE PALLET RACKING**



**MOBILE RACKING**



**LIVE STORAGE**



**CANTILEVER RACKING**



**DRIVE & THRU RACKING**



**FLOW RACKING**



## SHELVING



***Our Storage provides an ideal way to store, organize and identify components in warehouses or factories. We offer products ranging from standard shelves to contemporary shelves like boltless shelves mobile Shelves and heavy-duty shelves.***

## MEZZANINE



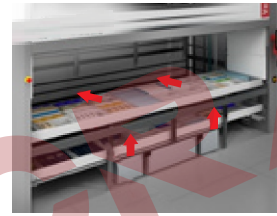
***These Storage offers mezzanine floors that are completely customized to suit the specific needs and requirements of the organization without compromising the safety and stability. Mezzanine floors can be integrated with other storage utilities such as shelves and racks or can be used as additional office space, production space or retail space.***

## VRC



***Our VRC's are modular in construction and standardised to suit most common lifting needs of the industry. It can transport goods to different levels with high safety and reliability. VRC's can find its applications in warehouses, all type of industries, institutions or any multi story application to transport the goods vertically in safe manner. It offers benefits like efficient way of handling the materials with high throughput, occupies minimum floor space, more economical with excellent service support materials.***

## VERTICAL STORAGE SYSTEMS



END USE	OFFICE		INDUSTRY	
MODEL	5400	5500	70-415	70-615
WIDTH (MM)	2.740	3.190	3.364	
DEPTH (MM)	1.103		1.315	1.715
HEIGHT (MM)	From 2.330 to 3.770		From 2.780 to 6.560	From 2.780 to 6.560
SHELF WIDTH (MM)	2.340	2.790	2.850	
CAPACITY MAX (kg)	2.800		7.000	
SHELF PAYLOAD MAX (kg)	130		300	
SHELF DEPTH (MM)	365		415	615

## AUTOMATIC VERTICAL LIFT MODULES

— XS-BI/XS-BE



MODEL	TRAY WIDTH (MM)	TRAY DEPTH (MM)	TRAY WALL HEIGHT (MM)	TRAY NET PAYLOAD (KG)	FOOTPRINT INTERNAL BAY (WxD MM)	FOOTPRINT EXTERNAL BAY (WxD MM)
65XS	1.960	650	86/100	300-550	2.434X2.504	2.434X2.504
			100	800-990		
84XS	1.960	840	86/100	300-550	2.434X3.074	2.434X4.134
			100	800-990		
103XS	1.960	1.030	86/100	300-550	2.434X3.644	2.434X4.894
			100	800-990		

— XS-BI/XS-BE



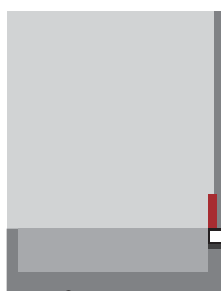
MODEL	TRAY WIDTH (MM)	TRAY DEPTH (MM)	TRAY WALL HEIGHT (MM)	TRAY NET PAYLOAD (KG)	FOOTPRINT INTERNAL BAY (WxD MM)	FOOTPRINT EXTERNAL BAY (WxD MM)
65S	2.450	650	86/100	300-550	2.934X2.504	2.934X2.504
			100	800-990		
84S	2.450	840	86/100	300-550	2.934X3.074	2.934X4.134
			100	800-990		
103S	2.450	1.030	86/100	300-550	2.934X3.644	2.934X4.894
			100	800-990		

— M-BI/XS-BE



MODEL	TRAY WIDTH (MM)	TRAY DEPTH (MM)	TRAY WALL HEIGHT (MM)	TRAY NET PAYLOAD (KG)	FOOTPRINT INTERNAL BAY (WxD MM)	FOOTPRINT EXTERNAL BAY (WxD MM)
65M	2.450	650	86/100	300-550	2.934X2.504	2.934X2.504
			100	800-990		
84M	2.450	840	86/100	300-550	2.934X3.074	2.934X4.134
			100	800-990		
103M	2.450	1.030	86/100	300-550	2.934X3.644	2.934X4.894
			100	800-990		

— L-BI/L-BE



MODEL	TRAY WIDTH (MM)	TRAY DEPTH (MM)	TRAY WALL HEIGHT (MM)	TRAY NET PAYLOAD (KG)	FOOTPRINT INTERNAL BAY (WxD MM)	FOOTPRINT EXTERNAL BAY (WxD MM)
65L	3.650	650	100/120	300-550	4.134X2.504	4.134X3.374
			120/150	800-990		
84L	3.650	840	100/120	300-550	4.134X3.074	4.134X4.134
			120/150	800-990		
103L	3.650	1.030	100/120	300-550	4.134X3.644	4.134X4.904
			120/150	800-990		



**MATERIAL HANDLING SOLUTION**
**ADVANCED ELECTRIC FORKLIFT TRUCK (AC SYSTEM)**
**ABF-15/20/25**
**(1.5 TONS / 2 TONS / 2.5 TONS)**
**■ Specification**

- Can be turned in a 3.3 meter wide aisle for model ABF-15/20
- Max fork lifting height between 2 meters and 6.35 meters

MODEL		ABF-15	ABF-20	ABF-25
Rated Capacity		1500kg	2000kg	2500kg
Load Center		500mm		
Fork (TxWxL)	B	40x100x1070mm	45x100x1070mm	
Fork Adjustable Width	W1	200~970mm	200~1020mm	
Lifting Height	H1	3000mm		
Free Lift		155mm	155mm	155mm
Fork Tilting Angle (F/R)		6°/12°		
Overhead Guard Height	H3	2110mm		
Turning Radius	W	1830mm	1960mm	1960mm


**ADVANCED ELECTRIC FORKLIFT TRUCK (AC SYSTEM)**
**ART-10/15/20 AC+EPS**
**(1 Ton/1.5 Tons/2.0 Tons)**
**■ Specification**

- With EPS (Electronic Power Steering) system, very easy to drive.
- Mast reach electric stacker
- Advanced AC motor product
- Without carbon brush, easy maintenance
- Save electricity efficiently by 30%



ITEM		ART-40	ABF-20	ABF-25
★ Lifting				
Rated Capacity		1000kg	1500kg	2000kg
Load Center		500mm		
Fork (TxWxL)		40x100x1070mm		45x100x1070mm
Lifting Speed	Loaded	95mm/s	105mm/s	80mm/s
	Empty	180mm/s	180mm/s	180mm/s
Lowering Speed	Loaded	140mm/s	140mm/s	140mm/s
	Empty	140mm/s	140mm/s	140mm/s
Travel Speed	Loaded	5.5km/h	5.5km/h	5.5km/h
	Empty	6km/h	6km/h	6km/h

**ADVANCED COUNTERBALANCED  
WALKIE STACKER (AC SYSTEM)****ACS-08/10/12/15 AC + EPS****(800kg/1.0 Ton/1.2 Tons/1.5 Tons)****■ Specification**

- Electronic Power Steering system (EPS system)  
very easy to drive
- Advanced AC motor product
- Without carbon brush, reduce service cost
- Save electricity efficiently by 30%
- FRP body cover and battery cover
- It can be operated in 2.7 meter width aisle for ACS-08/10

MODEL		ACS-08	ACS-10
Capacity		800kg	1000kg
Load Center		500 mm	
Fork Length (TxWxL)		40x100x1070 mm	
		40x100x1070mm	
Lifting Speed	Loaded	97 mm/s	97 mm/s
	Empty	130 mm/s	
Lowering Speed	Loaded	152 mm/s	
	Empty	160 mm/s	
Travel Speed	Loaded	5.5 km/h	
	Empty	6 km/h	

**ADVANCED POWERED PALLET  
STACKER (AC+EPS)****APS-15/18/20 AC+EPS****(1.5 TONS / 1.8 TONS / 2 TONS)****■ Specifications:**

- Electronic Power Steering system (EPS system)  
very easy to drive.
- While turning steering, the drive speed lowering down automatically by 50%.
- With AC driving motor, it can save electricity efficiently by 30% at least, and carbon brushless equipped for easier maintenance.

**■ Optional Specification:**

- A: Overall Fork Width 470/ 520/ 685mm  
C: Fork Inner Width 90/ 140/ 305 mm  
D: Fork Length 1000/ 1300/ 1450 mm  
E: Front End Length 250/ 400 mm





## ADVANCED POWERED PALLET TRUCK (AC SYSTEM)

# APT-20/25/30 AC

(2.0 TONS / 2.5 TONS / 3 TONS)

### ■ Specification

- Advance AC motor truck.
- Brushless , reduce service cost
- With flux AC inverter
- 30% Battery efficiency improvement.
- Hidden caster wheels, improve safety
- Suitable for both open and closed pallets
- Suspension drive motor allowing to use the truck on uneven surfaces.

ITEM		ART-40	ABF-20	ABF-25
★ Lifting				
Rated Capacity		2000kg	2500kg	3000kg
Load Center		600mm		
Lifting Speed	Empty	2.0sec		
	Loaded	2.5sec	2.5sec	2.5sec
Lowering Speed	Empty	2.0sec	2.0sec	2.0sec
	Loaded	1.9sec	1.9sec	1.9sec
Travel Speed	Empty	6.0km/h		
	Loaded	5.5km/h		

## ELECTRONIC POWER STEERING

# APT-20/30+EPS

ITEM		APT-20	APT-30
Rated Capacity		2000kg	3000kg
Load Center		600mm	600mm
Lifting Speed	Empty	2.5sec	2.5sec
	Loaded	3.0sec	3.0sec
Lowering Speed	Empty	4.0sec	4.0sec
	Loaded	2.3sec	2.3sec
Travel Speed	Empty	6.0km/h	6.0km/h
	Loaded	5.5km/h	5.5km/h



## ADVANCED POWERED PALLET TRUCK

# APT-50/70 AC+EPS

(AC System)(5.0 Tons)(Heavy Duty)



ITEM		APT-50	APT-70
Rated Capacity		5000kg	7000kg
Load Center		600mm	600mm
Lifting Speed	Empty	7.0sec	7.0sec
	Loaded	5.0sec	5.0sec
Lowering Speed	Empty	9.0sec	9.0sec
	Loaded	5.0sec	5.0sec
Travel Speed	Empty	5.5km/h	6.0km/h
	Loaded	4.5km/h	4.0km/h



# TECHNOCRAT

## FULL-ELECTRIC PALLET TRUCK

### PPT-20V/25V/30V

Especially designed in accordance with idea of aesthetic expertise, it works both functional and aesthetical performances perfectly.



ITEM		PPT-20V	PPT-25V	PPT-30V
Lifting				
Rated Capacity		2000kg	2500kg	3000kg
Load Center		600mm		
Max Lifting Speed	Empty	1.8sec		2.1sec
	Loaded	3.0sec		3.5sec
Max Lowering Speed	Empty	5.0sec		
	Loaded	1.4sec		1.5sec



## POWERED PALLET TRUCK

### PPT-80/100/150

ITEM	PPT-80	PPT-100	PPT-150
Rated Capacity	8000kg	10,000kg	15,000kg
Fork Lifting Height	180~270mm	285~385mm	
Overall Length	3830mm		
Overall Height	2338mm		
Fork (LxW)	2350x1400mm (As required)		
Speed control	Stepless		

## HPT-40/50

### HAND PALLET TRUCK (4 TONS / 5 TONS)

#### ■ Specification:

- Load capacity 2000kg/2500kg/3000kg.
- High quality hydraulic lifting
- Durable and reliable cylinder.
- No oil leakage.
- Easy handling.





**XTECHNOCRAT INDIA PVT. LTD.**

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