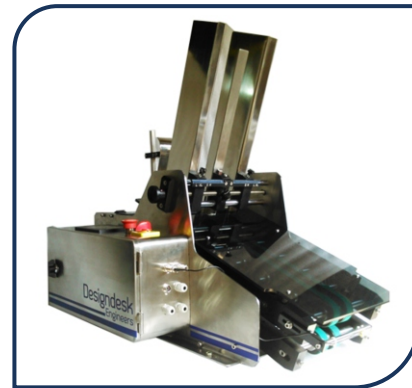




CAMERA INSPECTION SYSTEM



FRICTION FEEDER



NUT INSPECTION MACHINE



CUT TO LENGTH MACHINE



LAMI TUBE LABELLING MACHINE



FUSE BOX INSPECTION MACHINE



SCREW CAPPING MACHINE



PNEUMATIC FILLING MACHINE



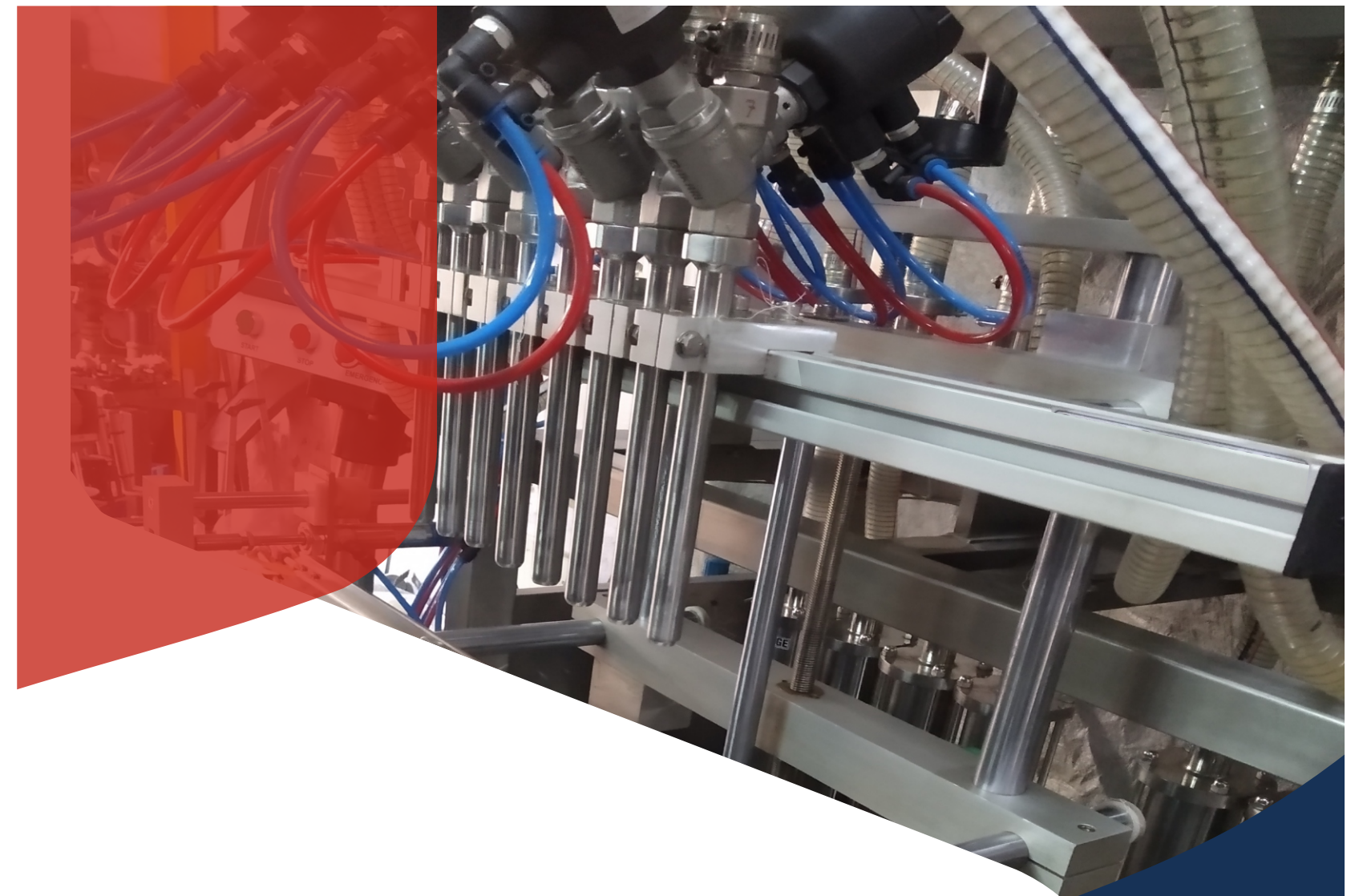
PERISTALTIC PUMP



COMB CHAMFERING MACHINE



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# Designdesk Engineers

## About us

Designdesk Engineers is engaged in manufacturing and supplying of Packaging machines. Specially Labelling, Filling, Tape Wrapping machines etc.

It was the founder, Mr. Nitin Prajapati (Director) had an idea to start up with designing the original concept of machines himself with some good engineers and thus the name – Designdesk Engineers.

Since last 2 decades Designdesk has been serving best for its valuable customers. Over 500 plus machines are manufactured and supplied to various part of country as well as abroad.

The organization is supported with a highly skilled team of professionals, who possess domain-specific knowledge and vast industry experience. The team is segregated into various departments and works in close coordination with high level of cohesiveness to achieve the set organizational objective. Apart from this, training sessions are conducted at regular intervals to keep them updated with technology.

## MISSION

Designdesk Engineers mission is to design and build reliable, technologically advanced, and customized solutions to meet customer's needs. Transparency, Ethics, and Personal attention towards Customers allow us to create long lasting relationship.

## VISION

Designdesk vision is to build value-for-money and solutions that make our technology accessible to people across the globe.

All our machines are designed according to industrial norms and guarantee the value of the investment over time. In the same way, Designdesk builds relationships with its partners based on service, assistance, advice and care in a spirit of genuine partnership.

## Clientele



## Tape Wrapping Machine



TECHNICAL SPECIFICATIONS	
Max tape Dia.	: 200mm
Max container dia	: Up to 250mm
Speed	: Up to 20/ minute
Power Supply	: 220v 50Hz
Power Consumption	: 600 Watts
Control System	: Micro Controller/PLC based
Machine Size	: 1500 X 700 X 1200mm
Weight	: 300 kgs

Designdesk Engineers are the only manufacturers of Tape Wrapping Machine, designed to wrap PVC/ BOPP tape around the round containers, which provides temporary seal for tin container and its cap. Examples of Tape wrapping are Cookie box, Chocolate box, Printing ink container

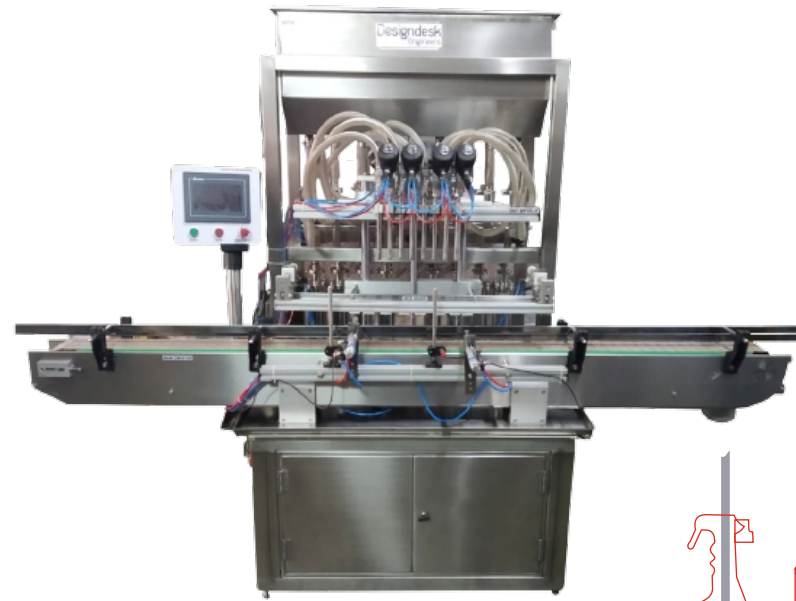
## Silicone Tape Applicator



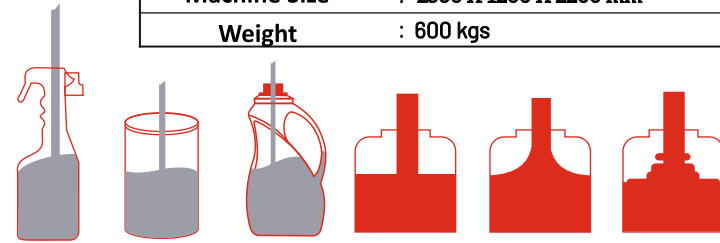
TECHNICAL SPECIFICATIONS	
Maximum tape width	: 400mm
Minimum tape width	: 12mm
Maximum working output	: 120 to 150 pieces/min
Power Supply	: 220v 50Hz
Power Consumption	: 1500 Watts
Control System	: Micro Controller/PLC based
Machine Size	: 2500 X 1000 X 1400mm
Weight	: 450 kgs

Our silicone tape applicator is an efficient product to apply silicone tape on the enclosures of envelopes. This machine requires hot melt glue gun and is incorporated with friction feeder for timely supply of envelopes.

## Servo Filling Machine



TECHNICAL SPECIFICATIONS	
No. of Heads	: 2-12 (Customizable)
Filling Mechanism	: Servo Linear Piston Filling
Fill Capacity	: Upto 1000 ml
Tank Volume	: 150 liters
Accuracy	: ±0.1%
Power Supply	: 220v 50Hz
Control System	: Micro Controller/PLC based
Machine Size	: 2500 X 1200 X 2200 mm
Weight	: 600 kgs



In our range of automatic liquid filling machines, high speed Servo Filling Machine is designed to fill liquid in round and flat bottles in intermittent linear motion. This machine can fill liquid from thin viscous to high density liquid, such as edible oil, lotion, cream, sauce, Jam, honey, ketchup and many more liquids. Moreover, our Servo Filling Machine comes with dive in nozzles to fill foaming liquids.

## Wrap Around Labelling Machine



TECHNICAL SPECIFICATIONS	
Label Roll Dia.	: 300mm
Label Size	: 20 to 200mm
Product Size	: As per customer requirement
Power Supply	: 220v 50 Hz
Power Consumption	: 800 Watts
Control System	: Micro Controller/PLC based
Machine Size	: 1800 X 1000 X 1200mm
Weight	: 200 kgs



Wrap Around Labelling machine is used for to wrap labels around the round bottles. Perfectly round bottles include syrups, vials, perfumes, water, wine, or medical bottles. Application of this machine ranges from food, chemical, to cosmetic market. Wrap Around Labelling Machine from our range of automatic labelling machines is built with superior quality. This machine is highly efficient and is easy to operate.

## Linear Capping Machine



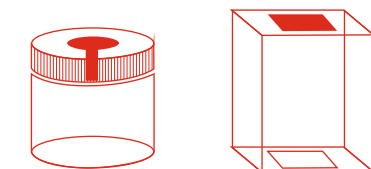
TECHNICAL SPECIFICATIONS	
Type	: Linear Capping
No. of Heads	: 6
Bottle Size	: Upto 200mm
Cap Size	: As per customer requirement
Power Supply	: 220v 50Hz
Power Consumption	: 2000 Watts
Control System	: PLC Control
Machine Size	: 2500 X 1000 X 2000mm
Weight	: 400 kgs

Automatic linear capping machine is suitable for capping the round of regular and irregular bottles as well. This machine can apply caps to plastic, glass, LDPE, HDPE, and PET bottles. Our linear capping machines comes with compact and adaptable design which designed for consistency and higher efficiency.

## Top Labelling Machine

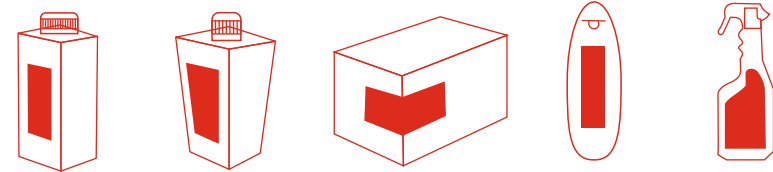


TECHNICAL SPECIFICATIONS	
Label Roll Dia.	: 300mm
Label Size	: 20 to 200mm
Product Size	: As per customer requirement
Power Supply	: 220v 50 Hz
Power Consumption	: 500 Watts
Control System	: Micro Controller/PLC based
Machine Size	: 1500 X 600 X 1500mm
Weight	: 175 kgs



Top Labelling Machine is used to apply label on top surface of the product. Product likes boxes, cartons, packets, pouches, and bags can be labeled with this machine. This machine can also be used to apply label on the cap of the bottles. Application of this machine ranges from food, chemical, to cosmetic market.

## Front & Back Labelling Machine



Front and back labelling machine is used for applying labels on one side, or two sides (front/back) of elliptical and quadrangular bottle and products. Elliptical bottles include shampoo or cream bottles. Quadrangular ones include jars, plastic cans, and tins. Application of this machine ranges from food, chemical, to cosmetic market.

TECHNICAL SPECIFICATIONS	
Label Roll Dia.	: 300mm
Label Size	: 20 to 200mm
Product Size	: As per customer requirement
Power Supply	: 220v 50 Hz
Power Consumption	: 2500 Watts
Control System	: Micro Controller/PLC based
Machine Size	: 2500 X 1500 X 1400mm
Weight	: 350 kgs

## Pouch Labelling Machine



TECHNICAL SPECIFICATIONS	
Label Roll Dia.	: 300mm
Label Size	: 20 to 200mm
Product Size	: As per customer requirement
Power Supply	: 220v 50 Hz
Power Consumption	: 800 Watts
Control System	: Micro Controller PLC based
Machine Size	: 1500 X 700 X 1500 mm
Weight	: 200 kgs

Pouch Labelling machine is used for applying labels on empty pouch and cartons. Pouch Labelling Machine from our range of automatic labelling machines is built with superior quality. This machine is highly efficient and is easy to operate. This Pouch Labelling machine has quick installation process and it comes with all adjustment sets and change parts for the specified product (bottles). Once set up, the machine operates seamlessly and has low maintenance.

## COMBO Labelling Machine



ComboLabelling machine is used to apply label on Round and Square bottles in a single machine. This machine comes with both massaging belt and top conveyor combined. Top conveyor is used for front and back or flat bottle labelling. For round bottles Massaging Belt unit is used. ComboLabelling Machine from our range of automatic labelling machines is built with superior quality. This machine is highly efficient and is easy to operate.

TECHNICAL SPECIFICATIONS	
Label Roll Dia.	: 300mm
Label Size	: 20 to 200mm
Product Size	: As per customer requirement
Power Supply	: 220v 50 Hz
Power Consumption	: 1000 Watts
Control System	: Micro Controller/PLC based
Machine Size	: 2000 X 1000 X 1400 mm
Weight	: 305 kgs

## Blood Collection Tube Labelling Machine



TECHNICAL SPECIFICATIONS	
Label Roll Dia.	: 300mm
Label Size	: 20 to 200mm
Product Size	: As per customer requirement
Power Supply	: 220v 50 Hz
Power Consumption	: 800 Watts
Control System	: Micro Controller/PLC based
Machine Size	: 1600 X 600 X 1500 mm
Weight	: 225 kgs

Blood Collection Tube Labelling machine is used to apply label on EDTA, fluoride tubes which are used in medical industry for sample collection. Blood Collection Tube Labelling Machine from our range of automatic labelling machines is built with superior quality. This machine is highly efficient and is easy to operate.