



NEWTECHTM

Machines

*Leaders in Screen Printing Machines
& Heat Transfer Machines*





Shree Anup Panchal, the founder and visionary behind **NEWTECH MACHINES** believed, “**TEAM WORK**” is the only way we work. We at **NEWTECH** believe in excellent Team work, this is the only secret why we are able to cope-up with the growing Customer needs, in terms of Quality and innovation. We provide an excellent After Sales Service and assistance which covers all aspects of printing process to our Customers by employing experts in our TEAM.

CUSTOMER DELIGHT is our Goal, and each and every individual working in the Company is made aware of Customer requirements. We very well understand the needs of Customers, that's the reason we always continually improve in the area of **QUALITY, DELIVERY, and COST**.

NEWTECH SCREEN PRINTING & HEAT TRANSFER MACHINES with the brand name **NEWTECH** has been a reliable Manufacturer in Screen printing & Heat transfer industry of India. Thanks to our highly efficient personnels and high quality level we have satisfied customers all over the world. **Newtech Machines** also manufactures complete range of Printing machines to print on Round, Square, Flat and Rectangular articles. **NEWTECH** Screen printing & Heat transfer Machines are available for Cylindrical as well as flat article Printing. We can proudly say that the best Screen Printing & Heat transfer Machines India manufactures is **NEWTECH**.

Newtech Machines is a perfect example of determination and perfection being followed with success. Our unflagging determination, entrepreneurial spirit and commitment to creating premier products for Quality conscious buyers have been regarded. Enterprising, initiatives, openness, optimism and international scope are the principles of our company. Emphasizing the combination of R & D, production and marketing, we are dedicating to premium quality guarantee, low cost and product innovation.

We hear most of our Customer say, **HIGH QUALITY and VALUE for MONEY...**



NEWTECH wants to be the World's recognized manufacturer of Machinery for the Screen Printing and heat transfer Decoration Industry. We are committed for the Continual Improvement of QMS. We stress to upgrade Technology, Knowledge, Skills and utilize full potential of our Employees. Our Prime concern is Customer delight through supplying innovative products & meeting Clients expectations ON-TIME.

Capabilities : Highly experienced in the field, **Newtech** has proved its capabilities in special type printing, decoration and automatised machineries. Its manufacturing plant covers more than 20000 sq.ft, with highly skilled, motivated and efficient Work Force. The use of latest Computerised technology right from the base level to highly sophisticated CAD/CAM designing helps in achieving a High Consistent Quality Product. **Newtech** also uses facilities at its own group Company "**Makers Polyfilms Pvt. Ltd.**" - which has invested in world class manufacturing of Heat Transfer Labels/Foils, Shrink Sleeves and IML. By making the labels and machines, a unique solution is provided to the customer - there by enhancing application experience and product decoration. This helps us in understanding the Customer needs more precisely, and matching Customer expectations.

Product Range

A. Screen Printing Machine

SP Series
SP 400F
ASP Series
NBP 75 IR
GSP Series

C. Printing Ancillaries

FT 200
FT 200F
FT 300
Single Station Flaming Unit
Double Station Flaming Unit
IR Curing Unit

B. Hot Foil Transfer Machine

HFS 300 & HSF 300F Advanced
HFS 300 Basic
HFS 500F
HFS 200 AUTO INDEX
HFS P20





SP Series



SP 400F



ASP Series



ASP 1000



NBP 75 IR



GSP Series



HFS 300 Advanced



HFS 300 F



HFS 300 Basic



HFS 500F



HFS 200 Auto Index



HFS P20



FT 200 & FT 300



FT 200F



Single Station Flaming Unit
Double Station Flaming Unit



IR Curing Unit

A

SP Series

Semi Automatic Universal Screen Printing Machine for printing on Cylindrical, Square and Oval Objects.



Features:

Universal Machine to print on Cylindrical, Conical, Oval and Square Articles.
Variable speed control with VFD.
Pneumatic Squeegee head Lift-Up.
Auto registration for Multi Color printing.
Air Inflation system for thin wall containers.
Minimum Setup time.



Parameters	SP 600	SP 1000
Maximum Print Size	200mm dia x 225mm Height	300mm dia x 350mm Height
Power requirement	0.75 KW / 220 V AC, 1 phase	0.75 KW / 220 V AC, 1 phase
Maximum Speed	1400 impressions per hour	600 impressions per hour
Air Pressure	4 to 5 kg / cm ²	4 to 5 kg / cm ²
Outline Dimensions	(L)1350x(W)1150x(H)1400	(L)1625x(W)1500x(H)1750
Weight	400 kg.	500 kg.

A

SP 400F

Semi automatic Crate screen printing machine.

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Features:

Pneumatic screen printing machine with auto Index of product to print both side (180) in one pass.
One side and Both side printing option.
The machine is equipped with advanced PLC.
All pneumatic components are of FESTO make.
Individual Squeegee / flood bar pressure adjustment.

Parameters	SP 400F
Maximum Print Size	300 mm X 200 mm
Power requirement	125 watt
Maximum Speed	600 pcs/hour
Air Pressure	6 kg/cm ²
Outline Dimensions	L 1200 X W 1200 X H 1900
Weight	175 kg

A ASP Series

Fully automatic Mechanical Screen Printing Machine for printing on Round Articles.



Features:

Automatic Loading and Unloading of containers.

Online Flame Treatment device is optional.

Variable speed control with VFD.

No Bottle No printing Mechanism.

Can print on cylindrical bottles.

Auto registration for Multi Color printing.



Parameters	ASP 400	ASP 600
Maximum Print Size	100mm dia x 200 mm height	200mm dia x 300 mm height
Power requirement	0.75 KW/220 V AC, 1 phase	0.75 KW/220 V AC, 1 phase
Maximum Speed	1800 impressions per hour	1800 impressions per hour
Air Pressure	5 Kg / cm ²	6 Kg / cm ²
Outline Dimensions	L 1400 x W 1200 x H 1650	L 1900 x W 1570 x H 1800
Weight	400 kg	500 kg

A

ASP 1000

Fully automatic Mechanical Screen Printing Machine
for printing on Round Articles.



Features:

Automatic Loading and Unloading of containers.

Online Flame Treatment device is (optional.)

Variable speed control with VFD.

No Bottle No printing Mechanism.

Can print on cylindrical bottles.

Auto registration for Multi Color printing.



Parameters	ASP 1000
Maximum Print Size	300mm dia x 400mm Height
Power requirement	0.75 KW / 220 V AC, 1 phase
Maximum Speed	700 impressions per hour
Air Pressure	6 kg / cm ²
Outline Dimensions	(L)2250x(W)1800x(H)1900
Weight	900kg.

A

NBP 75 IR

2 Color Automatic screen printing machine with online flame treatment and IR / UV Dryer.



Features:

- The machine is equipped with advanced PLC.
- Fully automatic 2 color screen printing with mechanical indexing conveyor having online flame treatment and IR / UV Dryer.
- Auto burner Ignition system.



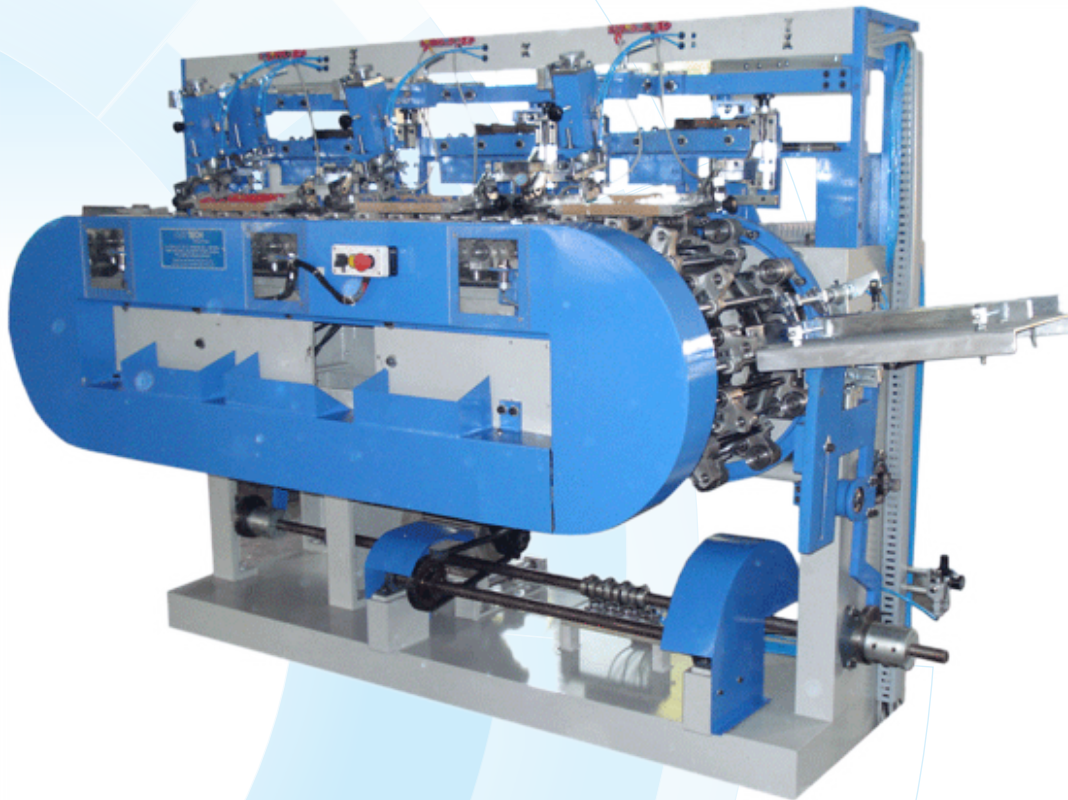
Parameters	NBP 75 IR
Max print size	75 mm dia x 175 mm height
Max speed	3000 pcs/ hour
Air Pressure	6kg/cm ²
Power requirement	10 KW/440 V AC, 3 phase
Outline dimension	L 7600 x W 1050 x H 1650
Weight	3000 kg

A

GSP Series

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3 + 1 Colour Automatic Screen Printing Machine for printing on Soft drink Glass Bottles.



Features:

- Fully Automatic 3 Colour Body and 1 colour bottom printing.
- Automatic Loading and Unloading.
- Multi Color In-line printing.
- Suitable for Round Bottles from 100ml to 500 ml.
- No Notch required for multi Colour printing.
- Screen Heating for Thermoplastic inks.
- Power requirement 5 H.P.
- Productivity of 60 to 80 Bottles per minute.



B

HFS 300 & HFS 300F Advanced Heat Transfer Machine



HFS 300

HFS 300F



Features:

- PLC with Text Display allows simple operation
- Electronic foil stretch controller is specially designed for taper container.
- Vacuum to hold article while printing and Auto blow to eject article after printing.
- High precision photo sensor is used to monitor and control the feeding of foil with Dots and precise position sensor is used for the foil without Dots.
- Auto Positioning of Article (Optional)
- All geared motors are PANASONIC (Japan make)
- Work table can be adjusted forward/backward
- Suitable to print Round, Conical and Flat Articles.

Parameters	HFS 300	HFS 300F
Application	For Round Articles	For Flat Articles
Maximum Print Size	400 mm dia x 285 mm height	300 mm width x 250 mm height
Power requirement	3.5 KW/230 V AC, 50Hz	
Air Pressure	5Kg/cm2	
Outline Dimensions	L 1250 x W 1000 x H 1950	
Weight	500 kgs	

B

HFS 300 Basic

Heat Transfer Machine



Features:

- Sequencer Timer Control allow simple operation.
- High precision photo sensor is used to monitor and control the feeling of foil with Dots.
- Mechanical foil stretch control.
- All geared motor are PANASONIC (Japan make)
- Work table can be adjusted forward/backward
- Suitable to print Round, Conical and Flat Articles.



Parameters	HFS 300
Maximum Print Size	300 mm dia x 250 mm height
Power requirement	2.5 KW/230 V AC, 50Hz
Air Pressure	4Kg/cm2
Outline Dimensions	L 1140 x W 800 x H 1800
Weight	275 kg

B

HFS F 500

Heat Transfer Machine for Flat Product



Features:

PLC with Text Display allowa simple operation
SERVO motor with ball screw allows smooth and accurate movement of Product.
High precision photo sensor is used to monitor and control the feeding of foil
All geared motors are of PANASONIC make.
Suitable to print flat product

Parameters	HFS 500F
Maximum Print Size	500 mm x 300 mm
Power requirement	4.5 KW/440 V AC, 3 phase
Max. Speed	150mm/Sec
Air Pressure	4kg/cm ²
Outline Dimensions	L 1900 XW 1000 X H 1000
Weight	550 kg

B

HFS 200 AUTO INDEX

Automatic Heat Transfer Machine having mechanical indexing system with Auto Loading, Auto Positioning, Printing and Auto Eject of containers



Features:

SIEMENS make PLC with Text Display allows simple operation.
Electronic foil stretch controller.
High precision photo sensor is used to monitor and control the feeding of foil with Dots.
No Container no print mechanism.
Auto positioning of container (OPTIONAL)
Auto load and Auto eject of container.
Electronic air pressure switch.



Parameters	HFS 200 Auto Index
Maximum Print Size	180 mm dia X 175 mm height
Max. Speed	700 PCS/Hour
Power Requirement	3.5 KW/ 230 V AC
Air Pressure	5 Kg/cm2
Outline Dimensions	L 1675 mm X W 2000 mm X H 2000 mm
Weight	320 Kg.

B

HFS P20

Automatic mechanical Heat Transfer Machine for
Pen Barrels and Cosmetic Containers.



Features:

Fully mechanical machine without need of compressed Air.
All mechanical cams and the main parts are precisely made by CNC machine.
The machine is equipped with advanced PLC.
All geared motors are PANASONIC (JAPAN make)
Hopper feeder for automatic article loading.
Auto Ejection of article.
High precision photo sensor is used to monitor and control the feeding of foil with Dots.



Parameters	HFS P20
Max print size	12mm - 20mm dia x 60mm - 180mm height
Max speed	3000pcs / hour
Power requirement	3KW / 220V AC, 1 phase
Outline dimension	L 1000 x W 960 x H1500
Weight	400 kg.

C

Flaming Unit

Automatic Flame Treatment Machine.



Parameters	FT 200	FT 200F	FT 300
Maximum Container size	200mm dia x 250mm Height	300 mm x 450 mam	300mm dia x 350mm Height
Power requirement	0.37 KW / 415 V AC, 3 phase	0.2 KW/220 V AC, 1 phase	0.75 KW / 415 V AC, 3 phase
Maximum Speed	1800 impressions per hour	300 pcs/hour	900 impressions per hour
Air Pressure	3 kg / cm2	4 kg./cm2	4 kg / cm2
Outline Dimensions	(L)1625x(W)660x(H)1200	(L)1800x(W)850x(H) 800	(L)2000x(W)860x(H)1350

C

Flaming Unit

Automatic Flame Treatment Machine.

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SFT Series

Single Station Flaming Unit.



DFT Series

Double Station Flaming Unit.



Parameters	SFT Series	DFT Series
Loading Station	1 No.	2 No.
Maximum Container Size	300mm Dia x 300mm Height	300mm Dia x 300mm Height
Power Requirement	0.25 kw / 230 V AC, 1 Phase	0.37 kw / 230 V AC, 1 Phase
Air Pressure	3-4 Kg/cm ²	3-4 Kg/cm ²
Outline Dimension	(L) 650 x (W) 700 x (H) 1100	(L) 700 x (W) 900 x (H) 1100

C

IR Curing Unit



Features:

We provide IR Curing Unit that is designed in compliance with international quality standards. For safety purpose, our IR curing unit and conveyor speed is integrated with each other. The Teflon coated, antistatic (PTFE) belt of unit protect for corrosion & ensure longer service life.

- Conveyor speed & UV system are integrated with each other for safety purpose.
- Conveyor driven by AC motor with variable frequency drive for fine speed setting.
- Imported gear box
- Teflon coated, antistatic (PTFE) Belt
- Rubber lining rollers for belt



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