

forca

We are always
committed to provide
technical services
to Indian SMT
Automation
Industry!



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FORM

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WHAT WE DO

DARNAS ADHESIVE AND SEALANTS PVT LTD, founded in 2018. Being a Manufacturer, Importer and Distributor involves actively in all major industry segments, amongst others. DAS has a very strong brand presence 'FORCA' , having a Pan- India presence with Head office is in Noida.

WHY US

FORCA has a top class products, process support, ex-stock deliveries and competitive pricing helped to become one of the top organizations dealing with Electronics, Automotive and Solar. Products includes Solder Paste, SMD Adhesive, Thermal Paste, Silicon Glue, Thermal Adhesive and SMT Machine spare parts.

Our ability to change and improve faster to support changing customer requirements, made our success possible and it helped us in maintaining the long-term relationship with all of our customers.



YAMAHA PISTON



FILTER SPARE YAMAHA



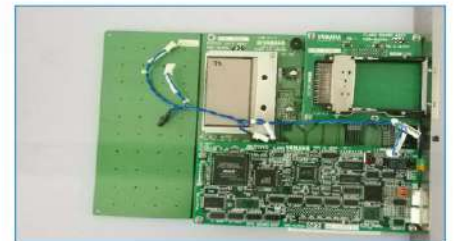
AIR FILTER ELEMENT
YAMAHA



WHITE GREASE



VISION CARD



SYSTEM CARD YAMAHA



CONVEYER IO CARD



SERVO CARD.



YAMAHA W,R,Z AXIS MOTO



YAMAHA FEEDER TROLLEY



VISION CARD



FEEDER 8MM



BAFFLE CYLINDER



JUKI NOZZLE



NSK GREASE



NOZZLE SHAFT



ELECTRIC SCREW DRIVER



FIDUCIAL CAMERA



VACUUM VALVE



YAMAHA OIL FILTER ELEMENT



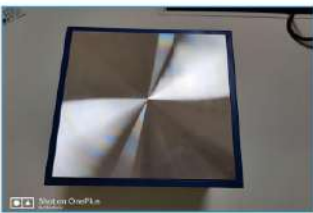
GREASES



PCB MAGAZINE RACK



CONVEYER SENSOR



HOT PLATE



YAMAHA BELOW VALVE



SLOW DOWN VALVE.



MAIN GEAR SLIDER



BOTTOM CAMERA



YAMAHA FEEDER



POWER BOARD



OUTBOARD CYLINDER



BELT HEAD



COMPONENT REEL STAND



VACUUM EJECTOR



FILTER COVER



DRIVER BOARD



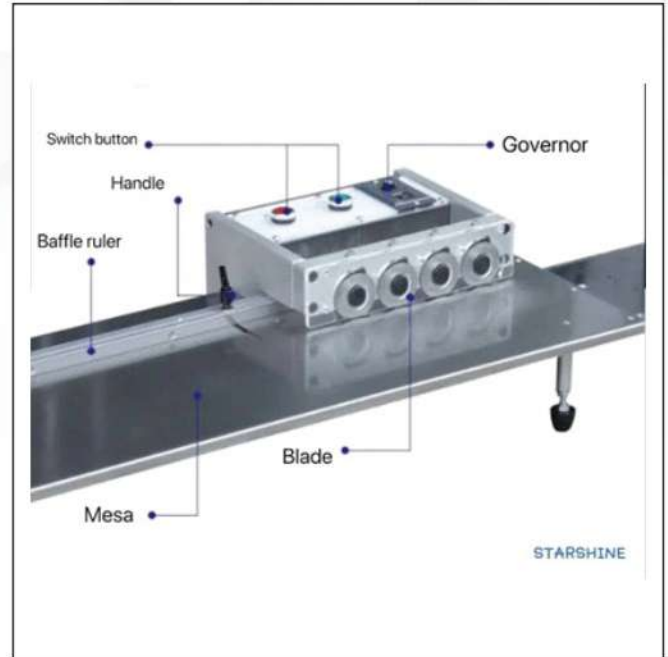
FIDUCIAL CAMERA LIGHTS



YAMAHA DUCT



BAFFLE CYLINDER



PCB CUTTING MACHINE

Model	FE: 220	FE: 230
Blade Qty	4 Set Blade	1 Set Blade
Speed	0-450 mm/s	0-200mm/s
PCB Length	0.3-2.4mm	0.3-2.4mm
PCB Thickness	0.5-3.0mm	0.5-2.0mm
Blade Materials	Japan Tungsten Alloy Steel	
Cutting Width	3-100mm adjustable	3-240mm
PCB Material	Aluminium Substrate, FR-4 Glass Brazing Plate	
Power	220-240V 50/60Hz 40W	
Size	2400x400x240mm	390x310x410mm
Weight	45 Kg	30Kg
Product	LED Tube Light	LED driver, double size PCB



AUTOMATIC WIRE CUTTING AND STRIPPING MACHINE

Model	FE: 320	FE: 320T	FE: 360
Power Voltage	AC110V-240V	AC110V-240V	AC110V-240V
Power	200-300W		
Weight	35Kg	45Kg	40Kg
Size	350x450x300mm	350x550x300mm	350x450x300mm
Function	Wire Cutting/Stripping	Wire Cutting/ Stripping/Twisting	Wire Cutting/Stripping
Wire Quantity	Two Wires	Two Wires	One Wires
Core Wire	1 Core Wire	1 Core Wire	2 Core Wire
Cutting Length	0.1-9999mm		
Stripping Length	Front 0.1-99mm Back 0.1-70mm		
Tolerance	±0.02mm		
Cable Diameter	0.3-6mm ² , #12AWG-2AWG (Depend on the wire material)		
Cutting Productivity	14000pcs/hr (within 100mm)		
Productivity	5500pcs/hr (Full stripping, Single end , Double end)		

Model	FE-380	FE-380T	FE-3606C
Voltage	AC110V-220V(50/60Hz)		
Weight	39kg	45kg	36kg
Size(mm)	610*450*300	680*570*280	450*450*360
Function	Cutting/Stripping	Cutting/Stripping/Twisting	Cutting/Stripping
Wire numbers	Two wires	Two wires	Single wires
Wire type	Double core Round wire and Flat wire	Double core Flat wire	1-3 cores
Cutting length	0.1-9999mm		
Wire diameter	≤16mm ²		2-7.5mm
Stripping Length		0-50mm	0-80mm
Twisting Length	None	1-15mm	None



MAGAZINE RACK TROLLEY

Product Description

It is an anti-static trolley which use for PCB storage and turnover. It is widely used in SMT processing, machinery, automobiles, home appliances, light industry, electronics and other manufacturing enterprises. It can be acid and alkali resistant, oil resistant, non-toxic and odorless. It can be used to store PCB boards, which is convenient to clean, easy to turnover, and neatly stacked. management.

Product Specification

Material: Steel(trolley stand) and ESD Plastic(Panel)

Surface resistance: 106~109Ω

Dimension: 900mm*550mm*1260mm(L*W*H)

Panel size: Groove Length 350mm, Groove Width 5mm, Groove depth 5mm

Panel design: Gear lock, Adjustable

Bearing Weight: 200kg

Wheels size: 4 inches(silent ESD wheel)

Capacity: 300nos(100nos each column)



AE- MIXER

Specifications

Dimension	: 390 x 390 x 390mm
Revolution	: 450 rev/min
Rotation	: 900 rev/min
Power Consumption	: Max. 300W
Voltage	: AC 220V



LINKING CONVEYOR

Specifications

Dimension	: L1000 x W620 x H1000mm
PCB Board Width	: 350mm
Transporting Speed	: 0-1800 mm/min
Transporting Direction	: L-R
Power	: 220V 50/60Hz 60W
Weight	: 45Kg



Auto Electric Screw Driver

Model	Power (W)	Weight (Kg)	Screwdriver Head	Screw (mm)	No Load Speed (RMP)	Toque Range (Kg)	Product Size (mm)
FE: 2000T	30	0.4	φ4	M1-2.5	1100	0.3-3	200 x φ34
FE: 3000T	30	0.4	φ4	M1-2.5	1100	1-5	222 x φ34
FE: 4000T	30	0.4	φ4	M1-2.5	1100	3-8	222 x φ34

Model	Power (W)	Weight (Kg)	Screwdriver Head	Screw (mm)	No Load Speed (RMP)	Toque Range (Kg)	Product Size (mm)
FE: 3C	30	0.5	φ4	M1-2.5	450-1200	1-8	200 x φ34
FE: 4C	30	0.5	φ5	M1-3.5	350-900	5-28	222 x φ45
FE: 5C	30	0.5	φ6	M1-5.5	400-1100	6-32	222 x φ45



Soldering Station

Model	Power (W)	Voltage (V)	Temperature (°C)	Weight (Kg)	Precision (°C)	Size (mm)
FE: 936	60	220-240	200-480	1.7	±2	112x37x80
FE: 937B	90	220-240	200-480	1.7	±2	130x155x95



THERMAL POTTING

PRODUCT DESCRIPTION:

PC1125 Thermal Potting is a two-component silicone based, room temperature or heat curable potting compound with good thermal conductivity.

FEATURES AND BENEFITS:

- Simple mixing ratio (1:1)
- Low Viscosity
- Good flowability and low surface tension to ensure intimate contact with heat sources
- Fast room temperature curing
- Good thermal Conductivity
- Excellent temperature resistance
- UL 94 V0 Compliant

THERMAL GREASE (1TC/ 2 TC/ 3TC)

PRODUCT DESCRIPTION:

THERMAL GREASE is an organo-silicone based thermally conductive grease for use as a thermal interface material for a variety of electronics devices.

FEATURES AND BENEFITS:

- Excellent thermal conductivity
- Low thermal resistance
- Good electrical insulation
- Good weathering resistance
- Maintains the paste consistency in the temperature range of -40 to 180 0C
- Increases the overall efficiency of the electronic device



ALKOXY RTV SILICONE



PRODUCT DESCRIPTION:

SA26W is a one part, white, alkoxy cure, high modulus silicone sealant with good designed for engineering applications. SA26W cure at room temperature under the action atmospheric moisture to give a permanently flexible silicone rubber.

FEATURES AND BENEFITS:

- Alkoxy cure adhesive
- Room temperature curing when exposed to atmospheric moisture, no ovens required
- Flexible term stability against weathering, moisture, and UV radiation
- Excellent adhesion to several engineering substrates
- Non-Corrosive to metals

THERMAL ADHESIVE (2600 ML)



PRODUCT DESCRIPTION:

Forca HSC1001T is one-component RTV Silicone based Thermal Adhesive which cures with the moisture in the air at the room temperature. The product has good bonding capability to the most materials, such metals, ceramics, wood, plastics and glass requiring thermal

FEATURES AND BENEFITS:

- Good Adhesion to several materials
- Non- corrosive to most resistant and weatherability
- Excellent electrical insulation properties
- Easy-to -use
- Excellent temperature resistance ranging from -50 to 200C operation.
- Self-Extinguishing properties



RED GLUE

FEATURES AND BENEFITS:

- Much lower temperature curing is aimed at and is practically possible.
- Very good stable curing shapes without stringing and slumping are achieved at super high speed dispensing and very small dots.
- stable adhesive strength can be obtained with a variety of SMD.
- Long-term preservation stability is expected.
- High heat-resistivity and excellent electric properties are possessed.
- Usable for screen printing

SOLDER PASTE LEAD FREE/LEADED



LEAD FREE SOLDER PASTE (ROHS)

COST EFFECTIVENESS

- Low working temperature of 245°C, hence less electricity consumption
- No or minimum alteration of existing machines or equipment required

FEATURES

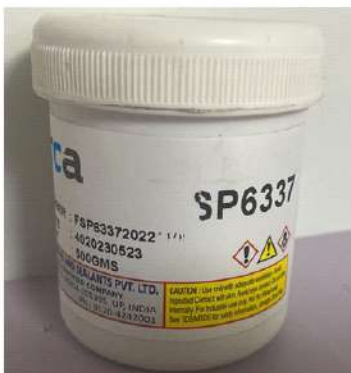
- Lead solder paste
- 8 hours continuous printing capability
- 8 hours collapse schedule
- No need for gas protection
- Viscosity constant
- 16mil (0.4mm) distance printing

Ease of Implementation

Drop- in replacement for SnPb alloy
Minimal or no change to existing SnPb process

High Reliability

- Excellent physical and mechanical properties
- Superior wettability even at low working temperature



LEADED SOLDER PASTE (Sn/Pb)



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