# **TRISHUL** Winding Solutions Pvt Ltd







### FOIL WINDING MACHINES





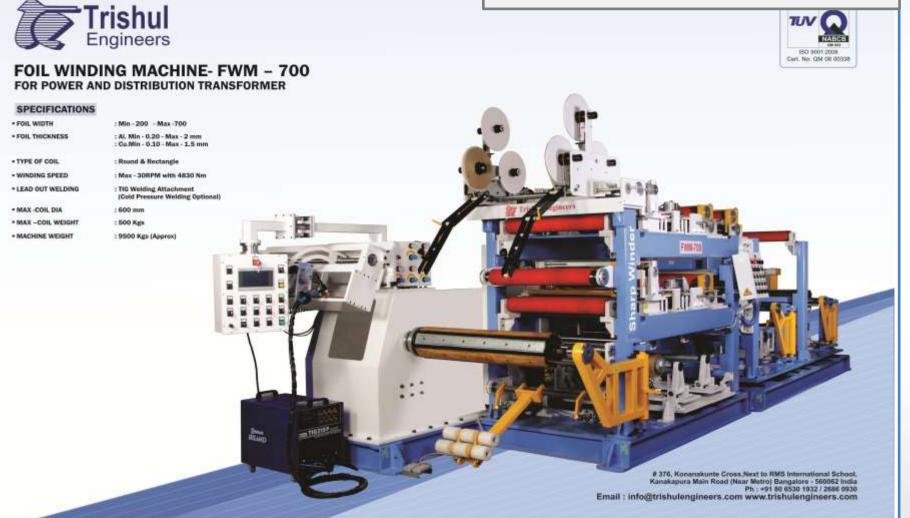
#### Foil Winding Machine FWM - 600 for Distribution Transformer L.V Coils

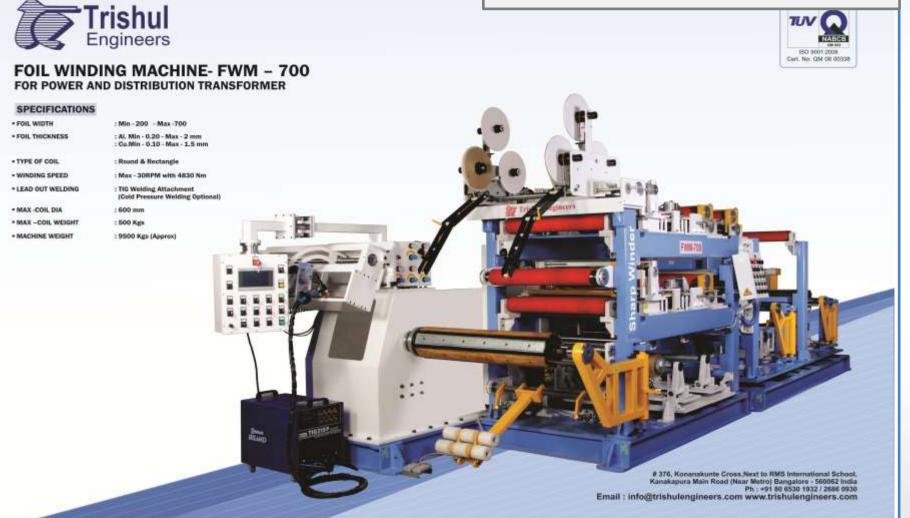
#### SPECIFICATIONS

FOILWIDTH	: Min - 200 -Max- 600
FOIL THICKNESS	: Al. Min- 0.20- Max-1.5 mm : Cu. Min- 0.10- Max- 1.0 mm
- TYPE OF COIL	: Round & Rectangle
WINDING SPEED	: Max- 30RPM With 3542 Nm
+ LEAD OUT WELDING	: TIG Welding Attachment (Cold Pressure Welding Optional)
* MAX-COIL DIA	: 500 mm
MAX-COIL WEIGHT	: 250 Kgs
· MACHINE WEIGHT	= 5500 Kgs (Approx)

# 376, Konanakunte Cross,Next to RMS International School, Kanakapura Main Road (Near Metro) Bangalore - 560062 India Ph : +91 80 6530 1932 / 2686 0930 Email : info@trishulengineers.com www.trishulengineers.com









## **HV COIL WINDING MACHINES**

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### **HV COIL WINDING MACHINES**

TUV

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Trishul

Number of Spindle

Winding Metor Winding Mandrill

Coll Weight

Conductor Traverse Width

Winding Saindle speed

Swing Diamotor of cull

Insulation Paper Width

H.V. Coil Winding Machine T-400

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### **HV COIL WINDING MACHINES**



### HV COIL WINDING MACHINES





PROGRAMMABLE HV COIL WINDING MACHINE Sharp Winder T – 600AH

#### **Technical Specifications**

WINDING HEAD	: Single spindle Side loading type with in Brake with Absolute Encoder Feedback
NO COLS PER CYCLE WINDING MOTOR	Min. 1 and mex. 7.5 KW asynchronoun AC Geared Moto
WINDING SPEED WINDING WDTH WNDING MANDRILL	<ul> <li>max 500 RPM</li> <li>Max-600 mm with Swing Dia of 600 m</li> <li>Expandable type (CIPTIONAL)</li> </ul>
CONDUCTOR TYPE COLL TYPE	Round Round, Restangle and Elliptical.
COIL WEIGHT TRAVERSE TYPE	<ul> <li>100 kgs (inclusive of Winding Mandrill) AC Servo Motor Driven with Baß Screw resolution of 0.01mm with max. Travels</li> </ul>
TAL STOCK TENSION CONTROL SYSTEM system.	Preumatically operated Side Support Programmable AC Servic motor type Te
GRADED INSULATION RIBBON WIDTH RIBBON THICKNESS	Min. 10 mm and max. 25mm Min. 0.05mm and max. 0.15mm

S	- Min. 0.95mm and max. 0.15mm
E	: Yaskawa make Programmable Logic Controller w
	With operator Interface.
	: 415 V AC 30 50 Hz 12 Km
	6 bat (life PSI)
	2800 Mds (approx)
ACHINE.	LkWkH 1750x1900x1650 mm (Dimensions are
	REDATIN.

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#### HV COIL WINDING MACHINES

TUV

ISO 9001-2008 Cert No. OM 08 003



Programmable Coil Winding Machine T-600H

#### **Technical Specifications**

Winding Head	: Single spindle Side loading type within built Brake with Absolute Encoder Feedback.
Winding Motor	: 3.7 KW AC Induction Motor With VFD Drive.
Winding Speed	: Max 750 RPM (0 to 750 continuous Variable In Torque mode)
Winding Width	: Max. 600 mm with Swing Dia of 500 mm.
Conductor Size Distance Between Center	: 0.5 mm to 5mm round and : Min. 100mm and Max. 700mm.
Power Supply Air Supply Machine Weight	: 415 V AC 3Ø 50 Hz. : 6 bars. : 1500 Kgs (approx).

Shark

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## PAPER FOLDING MACHINE

### PAPER FOLDING MACHINE





#### Paper Edge Folding Machine PFM - 640

#### **Technical Specifications**

- Paper Width (Before Folding) Paper Width (After Folding) Folding Width Number of Folds Per Side Tail Stock Mandrill Speed Power
- : Max 600 mm, Min 150 mm : Max 400 mm, Min 65 mm : Min – 8, Max – 35 : 3 & 5
  - Pneumatically Operated
- : Slitted Type with diameter of 110.
- : 100 RPM (Max)
- 230 volt AC, 50 Hz, 2.5 KW



## CUT TO LENGTH LINE MACHINE

### CUT TO LENGTH LINE MACHINE





## TOROIDAL COIL WINDING MACHINE

#### TOROIDAL COIL WINDING MACHINE



#### Belt Type For PT Ciol Transformers TCW - 100B

#### **Technical Specifications**

Max. Speed
Finished Core OD
Finished Core ID
Wire Guage
Core Winding
Winding Motor
Loading Length
Winding Turms
Display
Online Corretion
<b>Optional</b> Accessorie

1500rpm 75mm (120 mm Optional) 6 mm min 35 SWG to 25 SWG Hyb ind Stepper Motor 1/4 HP PMDC Motor Auto / Manual in mts Plunger Type Sensor 16x 1 Alpha Numeric LCD Core Position Font Switch



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#### TOROIDAL COIL WINDING MACHINE

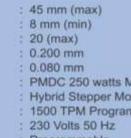




#### **Torodial Coil Winding Machine TCW-100S**

#### **Technical Specifications**

- **Finished Outer Diameter** Finished Inner Diameter Finished Height of Core Maximum Wire Gauge Minimum Wire Gauge Magazine Drive Core Drive Winding Speed Power Wire Spacing Segment Winding Wire Length Calculation
- : PMDC 250 watts Motor : Hybrid Stepper Motor. : 1500 TPM Programmable : Programmable
- : Auto & Manual



- : Programmable

### TOROIDAL COIL WINDING MACHINE



Torodial Coil Winding Machine TCW - 125 S

#### **Technical Specification**

Finished OD Finished ID Finished Height Wire Gauge Magazine Drive Core Drive Winding Speed Operating Voltage : 50mm Max : 9mm Min : 20mm Max : Min.44 SWG to Max. 35 SWG : 0.25 HP PMDC Motor : Stepper Motor : 1200TPM : 230v, 50Hz AC supply

#### TOROIDAL COIL WINDING MACHINE

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Torodial Coil Winding Machine TCW - 150 B

#### **Technical Specification**

- Finished OD Finished ID Finished Height Wire Gauge Magazine Drive Core Drive Winding Speed Operating Voltage
- : 100mm Max : 10mm Min : 50mm Max : Min.28 swg to Max. 20 SWG : 0.5 HP PMDC Motor : Stepper Motor : 250 TPM : 230v, 50Hz Ac supply

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### TOROIDAL COIL WINDING MACHINE



#### **Torodial Coil Winding Machine TCW- 250G**

#### **Technical Specifications**

Finished OD
Finished ID
Finished Height
Wire Gauge
Magazine Drive
Core Drive
Winding Speed
Operating Voltage

: 50mm Min. : 80mm max. : 80mm Max. : Min. 25 SWG to Max. 12 SWG : 1 HP AC Motor : 400W AC Servo Motor : 100 TPM : 230v, 50Hz AC Supply

: 250mm Max.











#### LINEAR WINDING MACHINE





Programmable Coil Winding Machine Sharp Winder T-208

#### **Technical Specifications**

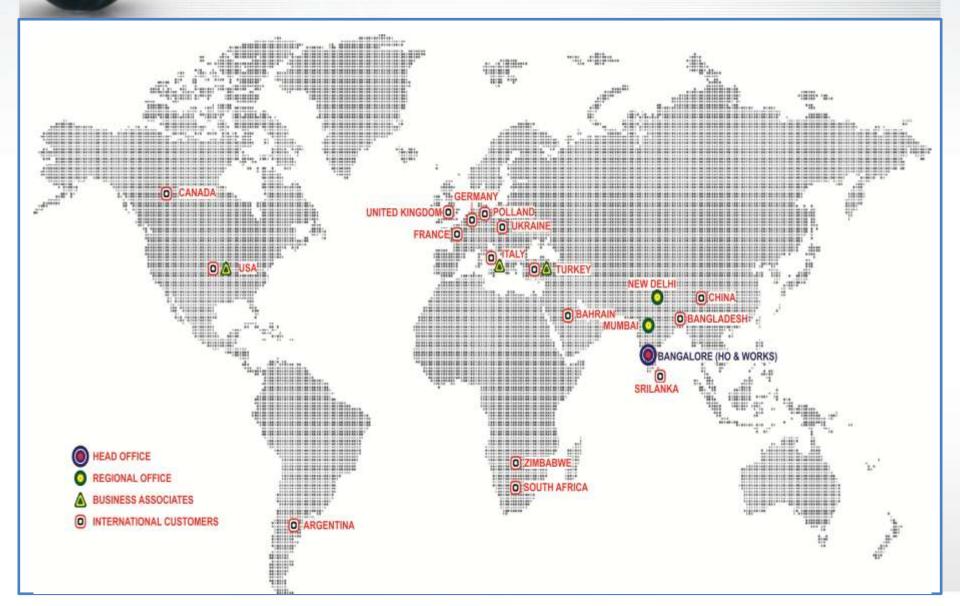
No of Spindle	: Single Spindle Side Loading Type
Winding Width	: 0 to 199.9 mm
Wire Gauge	: 0.2 to 1.2 mm
Bobbin Swing	: 200 mm Max
Winding Motor	: ½ HP PMDC 180 V. DC of
	RotomagMotors
Winding Speed	: Minimum 0-20 RPM & Maximum – 1000 RPM
Traverse Motor	: Hybrid Stepper Motor 8 KG/ Cm2
Operating Voltage	: 230 V. AC. 50 Hz
Traverse Type	: HSS Lead Screw with Box Nut of 10mm Pitch
Optional	: Ball Screw Rod with Nut







### **GLOBAL PRESENCE**



## **OUR PARTIAL CUSTOMER**



































Excellence in Engineering to Execution

















## FUTURE PLANS



### CONTACT US AT: marketing@trishulengineers.com