

# CANNY CONTROLS

*AN ISO 9001 : 2008 certified company*



- *Sheet Metal Fabrication*
- *CNC Turret Punch Press*
- *CNC Bending*
- *CNC Machining*
- *CNC Turning*
- *Powder Coating*
- *Assembly & Testing*

**COMPANY PROFILE**

## ABOUT US

*Canny Controls; located in Coimbatore, Tamilnadu, India initiated in 1994 as a small fabrication unit, now we have expanded to Sheet metal Fabrication, CNC Machining & Powder Coating with 20,000 Sq.ft. With almost two decades in manufacturing field we have evolved as a manufacturing cluster.*

*Our products serve Automobile & Aerospace Components, Hydraulic/Pneumatic & industrial Valves, Wind & Power Generation components, Machined casting components, Machinery Canopies, Industrial storage solutions & Electrical control panel boxes .Our activities include manufacture of sheet metal components/assemblies with in-house Powder Coating Facility, Machining of various Components and assemblies.*

*Since it was established, along with the quality we also concentrate on the innovative design of the products ideally tailored to our customers, which gained us the momentum and has been the powerful driving force for industrial progress. We have built a team of 50 skilled employees having innovative knowledge, devoted workmanship which has fuelled our steady progress and we concentrate more to grow as a globally recognized manufacturing company.*

*We expect your kind co-operation and support in providing us your valuable orders of sheet Metal fabricated components, machining components and assemblies.*

### **Our Mission**

*To supply Quality, economical and eco friendly products on-time with distinctive and innovative manufacturing approach, this is accomplished by our quality system, team work, and continual process improvement, through integrity and with ethical efforts.*

### **Our Vision**

*To grow as a globally recognized manufacturing company.*

## QUALITY

### **Quality policy**

*We at M/s **CANNY CONTROLS** are committed to achieve customer satisfaction by supplying quality products on time. We excel to meet and exceed the requirements and expectations of our customers through consistency and assurance in product quality, on time delivery and efficient service.*

*We will continually improve our Quality management system through effective team Work of our employees.*

### **Quality certification**

*The ISO 9001 - 2008 certification, certified by Standards certification council accredited by ASCB(E) are endorsements of our commitment to quality.*



## **New Product Development**

*Our New Product Development (NPD) offering includes solutions, services and products spanning the complete product development lifecycle, from ideation through design to manufacturing and production. We do develop prototype with you and according to your specification and puts them into serious production.*

- ✓ *Customized & Ergonomic Design*
- ✓ *Re-engineering/Reverse engineering of products*
- ✓ *Testing for functional/assembly*
- ✓ *Integration with your existing products*

## **Professional Finishing**

*For all of the fabricated and machined products we produce, we also offer finishing as a value added service.*

*Whether your specification requires powder coating, traditional wet paint, zinc, anodizing, or plating, our state of the art finishing systems and our trusted network of finishing suppliers ensure a quality coating is applied to your product.*

## **Materials Selection**

- ✓ *Our selection of Material & Grade based on customer requirement and the application of the product*
- ✓ *We procure Raw material from reputed organizations with Test Certificates.*
- ✓ *Raw Materials – Stainless Steel, Aluminium 6351/6083, SS 304/416, EN Series, Ferrous Casting, Aluminium Casting, brass Copper & etc.*
- ✓ *With our Initiative for Green Technology, we do care in material reduction & Energy without compromising Quality or Standards.*
- ✓ *We have expertise ourselves in optimal Material usage and selection considering the cost.*

## **Manpower**

- *Design Engineers – 2*
- *Production Engineers – 2*
- *CNC programmer – 2*
- *Out Sourcing – 1*
- *Machine Operators – 4*
- *Welders / Fabricators – 10*
- *Powder Coating / Spray Painting – 10 No*
- *Contract Workers – 20 No*

## **Sheet metal fabrication**

We manufacture sheet metal fabricated products facilitated with CNC Turret Punch Press, CNC Bending, Welding(Tig/Mig/Spot), Fabrication, Powder Coating and Assemblies.

### **Infrastructure**

- ✓ Sheet Metal Fabrication
- ✓ CNC Turret Punch Pressing
- ✓ CNC Bending
- ✓ TIG, MIG & Spot Welding
- ✓ Powder Coating
- ✓ Assemblies

### **Capabilities**

- ✓ Chillers & Air Dryer Canopy
- ✓ Machinery & Genset Canopy
- ✓ Printing Machinery & Spares
- ✓ Textile Machinery Fabrication & Ducts
- ✓ Agriculture/Food Processing Machineries & components.
- ✓ Electrical Control Panels
- ✓ Networking & Storage Racks

### **Manufacturing Facility**

#### **Metal Forming / Processing Machines**

<b><u>Name of the machine</u></b>	<b><u>Specification</u></b>	<b><u>Make &amp; Model</u></b>
Turret Punch Press	30 T, 32 St	JFY
CNC Press Brake	100 T, 3m	JFY
Punching Press	80 T	AMC
Shearing	3.15 MM	WMW
Hydraulic Press Brake	80 T	Energy Mission
Mechanical Press Brake	30 T	HMT
Punching Press	80 T	AMC
Drilling	0.75"	Iffco

#### **Welding Machines**

TIG Welding	250 A	Migatron - 1 No
Mig Welding	250 A	Migatron - 8 No
Spot Welding	4 MM	Advani
Welding Surface Table	1900 x 1150	

## **Powder coating**

*With the growing demand of sheet metal fabricated products to be supplied with powder coating, we have build up a powder coating plant with the modernized chemical pre-treatment (7 Tank).*

*We have variety of RAL colour shades and colour combinations to match the product. Our measuring instruments along with visual inspection ensures only quality product.*

### **PRE – TREATMENT - PHOSPHATING**

*Volume – 9000 Litres Each; Dimension of each Tank – 10' x 4' x 8'*

#### **Seven – Tank Process**

*Degreasing  
Water Rinse  
Derusting  
Water Rinse  
Water Rinse  
Phosphating  
Passivation*

### **PRE – TREATMENT – CHROMOTISING**

*Chromotising, replaces excess aluminium oxide salts, thus leaving the surface acidic. It forms an inert, non – conductive chromate layer over aluminium surface. The chrome being hexavalent, prevents corrosion, thus, making the surface suitable for next operation in the process of powder coating or painting.*

#### **SPRAY GUN**

*Gema, Switzerland – 3 No*

#### **SPRAY BOOTH**

*Booth 1 - 8' x 8' x 10' – 1 No, Fully SS*

*Booth 2 - 8' x 6' x 4' – 1 No*

#### **CURING OVEN**

*Gas Fired Oven with dual door and trolley*

*Size – 10' x 9' x 10*

#### **INSPECTION INSTRUMENT**

*Digital coating Thickness Measurer; 0-500 Microns*

## **Machining**

*We have strong capabilities in machining having worked with various ranges of materials like aluminum alloys, Stainless steel, brass & copper. We are capable of machining critical & high precision components with high tolerances maintaining high quality standards.*

### **Capabilities**

- ✓ *Pneumatic/Hydraulic Valves & Manifolds*
- ✓ *Casting Machining*
- ✓ *Auto Components*
- ✓ *Agri Products*
- ✓ *Textile Spares*
- ✓ *Valves & Flanges*
- ✓ *Pump Products*

### **Infrastructure**

- ✓ *Vertical Machining centre (VMC)*
- ✓ *CNC Turning*
- ✓ *Assembly & Functional Test as per requirement*

### **Manufacturing Facility**

- **Vertical Machining Center (VMC)**

*Make* - Haas, USA  
*Model* - VF2 / 2010  
*Travels:* - 762(X); 406(Y); 508(Z)  
*Table size:* - 914 x 356  
*Accuracy* - *Positioning:*  $\pm 0.005$  mm  
*Repeatability:*  $\pm 0.003$  mm

**Additional Feature - 4<sup>th</sup> Axis**

*Make* - Haas-US  
*Model* - HRT 210

- **CNC Turning Centre (Lathe)**

*Make* - LMW,  
*Model* - Smart Turn / 2011  
*Options* - High Pressure Coolant  
*Accuracy* - *Positioning:*  $\pm 0.010$  mm  
*Repeatability:*  $\pm 0.010$  mm

## **Mechanical assembly & testing**

With our 3000Sq.Ft Assembly & Testing facility we do supply the components as a whole assembly with the functional validation. Hence the customer's benefits are

- ✓ **Simplicity** - Reducing the number of parts means spending less time managing these parts. One part number is used for the main assembly; there's only one purchase order, packing list and invoice. Most importantly, this eliminates in-plant manufacturing variables and results in a known cost to the OEM for the entire assembly.
- ✓ **Fully Assembled Units** Parts can be efficiently integrated into production lines with little or no additional assembly required at your location.
- ✓ **Floor Space & Manpower** - Since the need for assembly at your location is reduced or possibly eliminated, the result is an improved utilization of floor space & less manpower.
- ✓ **Freight Consolidation** - Your freight costs are reduced when you order highly assembled units because more products can be shipped on fewer trucks.
- ✓ **Increased Throughput** - The reduction in assembly steps reduce load on your production line to perform additional tasks

## **Growth Plan**

1. Facility Augmentation with CNC Vertical Turning Lathe & Horizontal Machining Centre in the near future.
2. To add VMC, CNC Lathe centres.
3. Laser Cutting Machine
4. Expansion of Welding Shop
5. Assembly & testing facility expansion as per the project requirement

## **CONTACTS**

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