

# 2021 COMPANY PROFILE

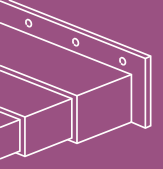
CREATIVE  
TEAMWORK  
INNOVATION

**JJCNC TECHNOLOGES**

Contact Us

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## JJCNC TECHNOLOGIES Works, Hosur

**Established** in the year **2019** at **Hosur (Tamil Nadu, India)**, we, “JJCNC TECHNOLOGIES, Hosur” are known as one of the leading manufacturers, suppliers and service provider of Steel & Stainless Steel Products and Components as well as Fabricated Products. Our products & Services range mainly includes **Stainless Steel Hoppers, Fabrication Services**, Hoist Doors, Mild Steel Doors, Expansion Joints, Drain Pans. These products are fabricated from optimum quality raw material by utilizing sophisticated technology. Apart from this, we are also successfully occupied in rendering Fabrication Products and Services basically for CNC Fabrications and Engineering Consultancy for Power & Desalination services. These services are delivered keeping in mind the clients’ needs and requirements. This enables us to fulfil their demands in an appropriate manner and provide them utmost satisfaction.

We are looking for inquiries from **South India region like Dravida including Andhra Pradesh, Karnataka, Kerala and Tamil Nadu and cities like Bangalore, Chennai and Hyderabad.**

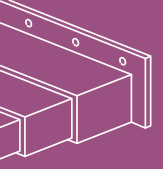
Our organization has set up a huge infrastructure, which is equipped with the most modern machinery and tools. Additionally, we are supported by a team of highly skilled professionals, who hold expertise in their respective jobs. They tend to work according to the new adage of business and have incorporated lots of improvement and innovations in our array of products and services. Ensuring international quality standards, our stainless-steel products and components are broadly treasured for high durability, toughness and ideal finish. Moreover, we have total quality management in our offered services. We also provide customized solutions as per client specifications that truly help our company to build a strong association with them.

Different machines and environments have varying protection requirements. We have options to cover your assets, no matter what you need.

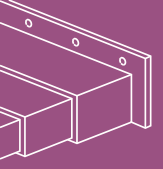
Use the guide below to find out what cover solution is best for you

**Telescopic Steel Covers | Bellows | Machine Enclosures | Aprons & Roll-Ups**

<h3>Basic Information</h3>
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Nature of Business	Manufacturer
Registration Number	33BZIPJ4639N1ZX
Additional Business	Service Provider Supplier
Company CEO	YasuRaj J
Key Customers	(1) Titan- Engineering and automation (aerospace division) (2) Sansera Engineering Ltd., (3) Craftsman Automation Limited, (4) Bansal Forge Private Limited and ect....
Registered Address	JJCNC TECHNOLOGIES PLOT NO. 08,8TH CROSS KAMARAJNAGAR,CHINNAELASAGIRI, SIPCOT (POST) , HOSUR - 635126 KRISHNAGIRI (DT), TAMILNADU.
Industry	MACHINE ENCLOSURES GURD , TELESCOPIC COVER , BELLOW COVER, STEEL BELLOW COVER, APPRON COVER, ROLLYWAY COVER , ALL TYPES CABLE DUCT
Total Number of Employees	Up to- 10 People
Year of Establishment	2019
Standards & Quality Certifications	MSME Registration No - (TN11A0021717)
Annual Turnover	2019-20 Up to Rs. 30 Lakhs
Infrastructure	
Location Type	SEMI-URBAN
Packaging/Payment and Shipment Details	Yes
Customized Packaging	Yes
Payment Mode	<ul style="list-style-type: none"><li>• Invoice</li><li>• Online payment</li><li>• Cash</li><li>• DD</li><li>• Cheque</li></ul>
Shipment Mode	<ul style="list-style-type: none"><li>• By Road</li></ul>



## Experience List

### JJCNC TECHNOLOGIES Experience List

#### Our Team

Our organization is wholly supported by a workforce of extremely experienced professionals, who are self-motivated to contribute their maximum efforts to accomplish the desired goal of the company. We have become one of the well approved names in the concerned field due to their innovative ideas and quality work. Furthermore, our experts positively carry out all the activities with complete coordination with each other. They have vast specialization in their respective jobs and ensure global quality norms in our range of products and services. In addition to this, our experts are facilitated with regular training sessions in order to increase their knowledge base.

#### Our team comprises the following professionals:

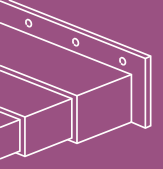
- Engineers
- Technicians
- Quality controllers
- Warehousing & packaging experts
- Marketing and sales executives
- Office coordinators

#### Why Us?

Our organization has been highly recognized for providing a qualitative assortment of Steel & Stainless Steel Products and Components, Fabrication products & Services =====and Engineering Consultancy Services. We strictly follow ethical business practices and have become one of the reputed enterprises.

#### Following are the major reasons that have helped us in creating a benchmark in the industry:

- Professionally managed organization
- Rich process experience
- State-of-the-art infrastructure
- Premium quality equipment
- Prompt after sales services
- Cost effectiveness
- Cutting edge technology
- Trusted business track record
- Ethical business practices



- Transparency in dealings

## Explore our categories

Different machines and environments have varying protection requirements. We have options to cover your assets, no matter what you need. Use the guide below to find out what cover solution is best for you

Telescopic Steel Covers	Bellows	Aprons & Roll-Ups
Modular Face Shield	Machine Enclosures	ALL TYPES CABLE DUC

Engineering excellence Different machines and environments have varying protection requirements. We have options to cover your assets, no matter what you need.

Use the guide below to find out what cover solution is best for you.

### Telescopic Steel Covers

- Generally used for protecting machine ways ○

Options for applications with X, Y and Z travel ○

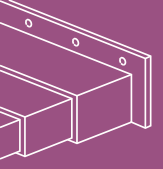
Protection of ball screws ○ Heavy Duty steel box construction ○ Repairable

### Bellows

- Generally used for protecting machine ways ○ Round versions are typically used for protecting ball screws ○ Available in many shapes of Steel cladding available for harsh environments ○ High extension: compression ratio

### Aprons & Roll-Ups

- For use on general chip guarding applications ○
  - For all chip types and loads
  - Available in flexible linked extruded aluminium links, stainless steel, and fabric ○
- Roll-Up types available
- Repairable

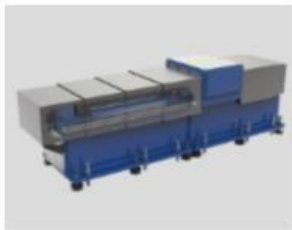


## Modular Face Shield

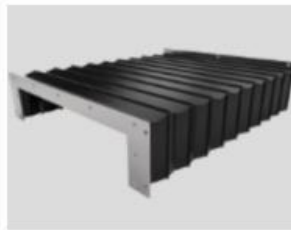
- Generally used for machine walls with moving spindles
- Can be made for X travel, Y travel, X Y travel, or X Y Z Travel Protects your machine without hindering your production speed

## Machine Enclosures

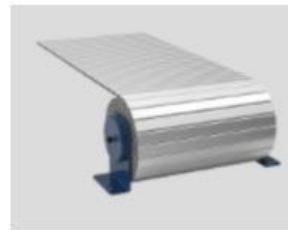
- Protects the machine from the environment
- Protects the workers from dangerous machine operations
- Available with doors for easy access to the machine too



TELESCOPIC STEEL COVERS



BELLOW COVERS



APRONS & ROLL UPS



MODULAR FACE SHIELD SYSTEMS



WAY WIPER SYSTEMS



CABLE CARRIERS



TELESCOPIC SPRINGS

## Telescopic steel covers

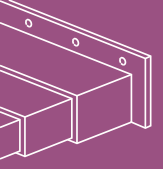
Telescopic steel covers provide durable protection of slideways and precision machine components from all types of chips and coolant. Optional components can be integrated to improve durability speed, and access to the machine.

All cover shapes, mounting options, and wiper systems can be customized to meet your requirements. We also repair and replacement all brands of way cover.

## Material

- High grade steel sheets - 1.5mm to 3 mm thick
- Wiper systems (for clean wiping of the slideways and cover boxes)
- All cover shapes, mounting options, and wiper systems can be customized to meet your requirements





## Options/Components

- Surface treated stainless steel (corrosion proof)
- Gliders and / or rollers
- Lifting lugs (for large/heavy covers)
- Integral gutters (for coolant diversion)
- Wedge dampeners
- Scissors (for smooth operation depending on speed and size of application)
- Guide rails & way extensions
- Bumpers (for impact dampening)

### SHAPES



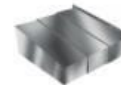
#### Flat

- Economical
- Frequently used



#### Peak

- Rigid
- Deflects coolant



#### Slant

- Economical
- Defelcts coolant



#### Flat/Slope

- Rigid
- Deflects coolant



#### Hip Roof

- Extremely rigid
- Ideal for large covers



#### Vertical

- Any standard shape is available in a vertical format



#### Cross Rail

- Any standard shape is available in cross-rail format



#### Dual Axis

- Flat cover
- Multi-axis motion



#### Vertical Slide

- Does not require slideways

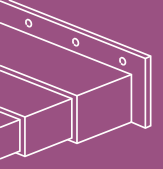


#### Telescoping Springs

- [View more info](#)

## SERVICE & REPAIR

- Repairs & replacements for all Hennig and non-Hennig way covers
- Same-day turn-around on diagnosis and repair estimates
- Reverse engineering of existing way covers
- Fast, local access to spare parts and supplies
- Customer training for in-house way cover repair
- Service and repair of Hennig Chip Conveyors
- Preventive maintenance service contracts available
- Service initiated within 48 hours in most locations
- On-site services available
- 90-day warranty on parts and labour



## Bellows Covers

Designed to protect guide-ways and machine components and constructed using lightweight material, bellow covers are ideal for fast travel applications. Their high compression ratio also makes accordion way covers ideal in limited space.

Bellow types are selected based on the operating conditions - including mechanical and thermal strain on the bellows, as well as the type of chips and agents present during operation.

Our product range includes simple dust protection, sophisticated designs featuring extension systems and/or lamellas, as well as special designs for laser machines. To maintain our high-quality standards, all materials used are checked and developed by our own R & D departments. Hennig offers excellent productivity and security for your machine.

See below for our bellow types.



### STEEL CLAD BELLOWS »

- Combine the rigidity and durability of [steel way covers] with the compression and flexibility of fabric bellows.
- Steel cladded is added to fabric bellows when: Debris is red hot / swarf is razor sharp / space is limited / applications are vertical
- Fixed or Hinged (hinged design has overhang – good for vertical applications)



### COATED FABRIC BELLOWS »

- Maximum compression and flexibility in a wide range of materials for a wide range of environments.
- Assembly options include glued, stitched, or a high frequency weld.



### MODULAR LAMELLA BELLOWS »

- Lightweight, interlocking steel fins connect modularly without requiring a folded bellow for support.
- Modular design allows for extremely high compression, fast travel, and easy maintenance.



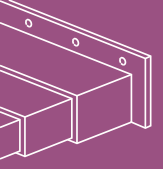
### MOLDED RUBBER BELLOWS »

- Water, Oil, Chemical, and Temperature resistant bellows
- Used to protect: Lead screws / precision shafts / moving cylinders / irregular shaped parts

## APRON MATERIALS

- **Coated Fabric High**-tensile polyimide fabric coated with polyurethane
- **Stainless Steel\*** Durable, corrosion-resistant stainless-steel sheets assembled in sections
- **Aluflex / GS20** Aluminium profiles with polyurethane hinges
- **AGS Series\*** Anodized aluminium profiles & hinges/links
- **Series 53** Polyurethane / aluminium coated polyester sheets with steel, brass, or aluminium lamellas

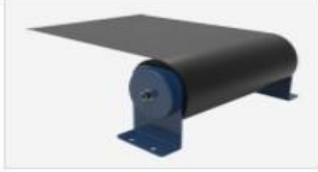




## Standard Apron

Available in coated fabric, stainless steel, aluminum extrusions (with polyurethane or aluminum hinges), or coated polyester with metal lamellas.

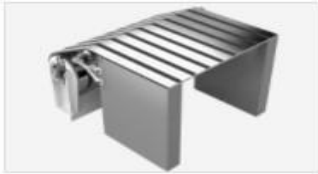
[Download RFQ \(PDF\)](#)



## Roll-Up Aprons

Available in coated fabric, stainless steel, aluminum extrusions (with polyurethane or aluminum hinges), or coated polyester (with metal lamellas), open reel or protective canister design.

[Download RFQ \(PDF\)](#)



## Walk-On Aprons

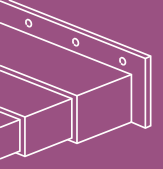
Available in stainless steel or aluminum extrusions (with aluminum hinges), open reel or protective canister design.

[Download RFQ \(PDF\)](#)

## Machine Way Wipers

Keeping way surfaces clean is a vital part of protecting valuable machines. That's why we offer a diverse line of machine way wipers that have been field-tested and proven effective, even after extensive exposure to hot chips and heavy chip volumes. Multiple sizes and shapes are available (as well as custom designs), so you can profile and replace wipers in the shop or contract with Hennig engineers to provide a factory-perfect fit for optimum wiper performance.

- wide range of stock wiper designs
- any custom shapes according to your requirements
- excellent durability even after exposure to hot chips and heavy chips volumes
- various material choices for resistance to oils, greases, coolants, chips, and high temperatures



## MOLDED WIPERS (MW, SK) »

- Over 20 standard designs for a variety of applications
- NBR and Viton wiper lips with steel, aluminum, or no insert (depending on wiper type)
- Custom molds and special materials available depending on your application



## ALUMINUM ENCASED WIPERS (AL) »

- Polyurethane 85 shore A wiper lip with aluminum carrier
- Low weight
- Low coefficient of friction



## STEEL ENCASED WIPERS (AB) »

- Polyurethane wiper lip with stainless steel carrier
- Sealing on backside to prevent coolant flow
- High mechanical load capacity

## Cable Carriers

STABIFLEX cable conduits are moving cable carriers which have proved successful in a wide range of applications in machine tools and machining centres.

The main feature of this closed cable carrier is that movement can be limited to one axis due to a steel band fixed to one of the four sides inside the carrier. Movement of the conduit remains stable in all other directions.

STABIFLEX cable conduits are resistant against all coolants and lubricants normally used in the machine tool industry.

Three qualities are available (depending on the traverse speed):

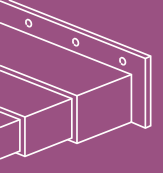
*Quality N*

Fitted with a steel band for speeds of  $v \leq 20$  m/min.

*Quality G*

Featuring a steel band fixed with special glue for speeds of  $v = 20-50$  m/min.

*Quality K*



Featuring a synthetic band fixed with special glue for speeds of  $v = 50 \text{ m/min}$ .  
If no traverse speed is indicated, we automatically choose the N quality.

## Telescopic Springs

Telescopic springs, also known as spring guards or spiral springs, ensure the protection of ball screws, threads and guide columns against dirt, swarf, and mechanical damage.

- Stabilastic telescopic springs made of hardened high-grade spring steel ensure excellent protection against dirt, swarf and mechanical damage even when fully extended. Available in stainless steel upon request.
- Minimum overlap (of the individual windings) of 40%.
- A special manufacturing method and optimal resilience ensure an easy compression and extension. Horizontal springs have a minimal sag and vertically used springs only a slight lateral deviation.
- Easy assembly by pushing the springs over the machine parts.

## ASSEMBLY AND MAINTENANCE

The minimum diameter of the take-up collar D3 must not be smaller than indicated. If the inside diameter of the take-up collar D3 is too small, or if the outside diameter of the cantering flange D4 is too large, the spring will have a tendency to jam.

For horizontal applications, we recommend to install the Stabilastic springs with the large diameter nearest to the swarf accumulation area and for vertical applications, with the large diameter at the top. The maximum deflection in horizontal installations will be approx. 2 – 3% of the maximum mounting length.