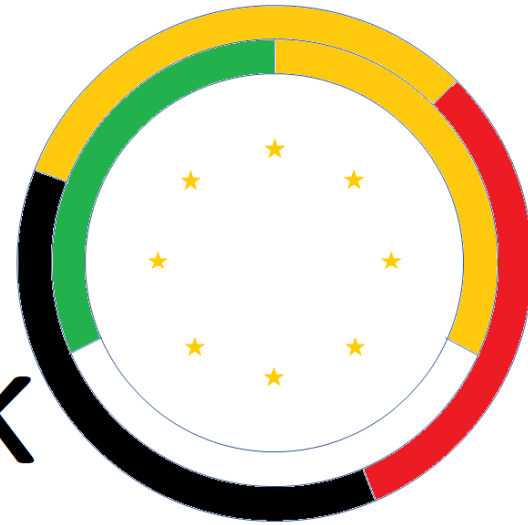


# Master Mechatronik



# Ideas, Commitment , Passion

**Master - ( Mechatronics Automatiom Safety Technology Engineering Robotics)**

**Master Mechatronik Solutions** is the global OEM for Master automation & industrial supply, Master Robotics, Master Machinery, Master products, Master Safety solution( Testing &certification service) and Education, a family of brands with decades of experience to its name. To continue to meet your needs, we are committed to expanding our expertise through more R&D.

As part of a strong family of brands, we develop products and customized solutions for businesses of all sizes across a wide range of industries worldwide. Decades of experience coupled with first-class quality and innovation make us a leading global supplier of Automation & Safety.

We are on your side, whichever member of our family of brands you deal with. No matter your industry or the size of your business, we speak your language and translate it into tailor-made manufacturing solutions. Our professional, high-tech leadership means we have all your production and commercial requirements covered. Master Mechatronk established customer base is founded on trust and the confidence that our local market expertise and fast, clear-cut service make us a reliable partner

# Master Mechatronik solutions family of Brands



# About Us

MASTER MECHATRONIK SOLUTIONS supports manufacturers in a wide variety of industries in which Mechatronics Product, Safety Product, advanced automation Standard Machinery/Equipment (Semicon, Automotive, F&B, Medical Machine & General), Robotics, Automation industrial Trading/Supply, Safety Testing & Certification, Training & Education and Engineering Service is commonly used. They all need high-quality, high-precision, stable and well-engineered machines/Automation/Supply to manufacture high-quality product.

## **Master Mechatronik**

Office & Manufacturing Plant

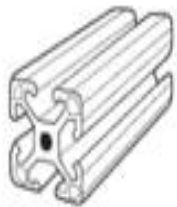
N.H. 7 Nallaganakothapally Village Krishnagiri  
Road,

Koneripalli P.O. Hosur Taluk Tamil Nadu, India

635117

# Master Mechatronik (Automation Components & Industrial Components) Supplies & Trading

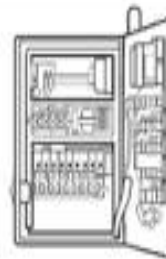
## Product



Aluminum  
Extrusion



Automation &  
Control Products



Electrical  
Components



Hose &  
Connectors



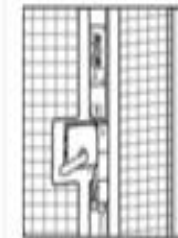
Hydraulic  
Components



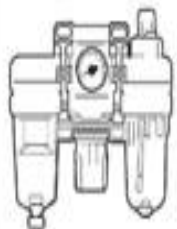
Liquid & Gas  
Pressure Products



Lubrication



Machine Safety  
Products



Pneumatic  
Components



Process Control &  
Components



Product  
Spotlights



Winches & Gear  
Drives

# Master Safety Product

## Product Safety Sensor/Input



Safety Area Scanner



Safety Light Curtain



Safety Sensor/Magnetic Switch



Safety Door interlock



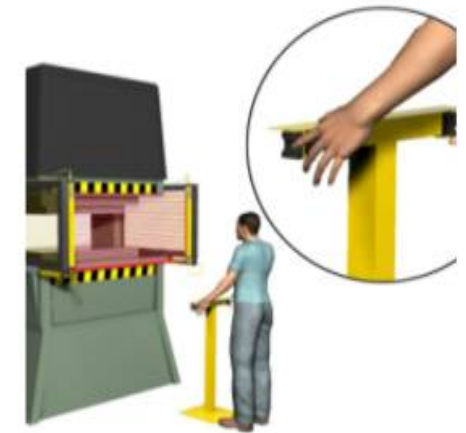
Safety Enable Switch



Safety Mat



Safety Switch & Push Button



Safety Two Hand Control



# Master Safety Product

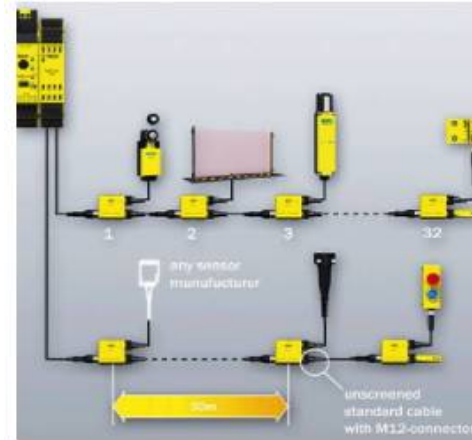
## Product Safety output/Actuator



Safety Contactor & Safety Relay



Safety Motor Starter



Safety Loop/Link



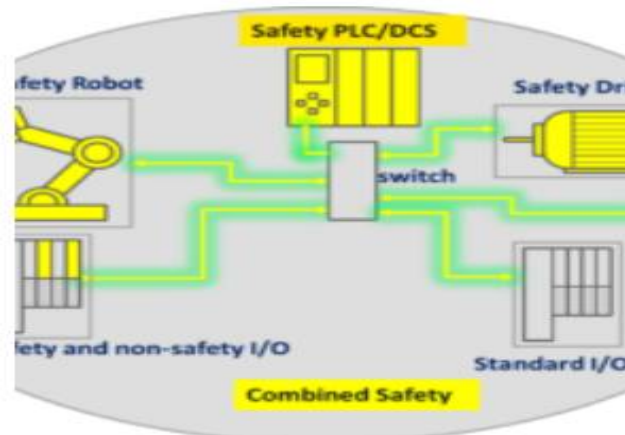
Safety Encoder

## Product Safety Controller



Safety Relay

Safety Relay meet Highest safety requirement PLe & SIL3



Safety Controller

Safety PLC / Safety Integrated PLC/Safety Controller/ Safety IO/ Safety Network



Safety Design System/Evaluation

Safety Circuit, Safety Compliance of machine



# Master Safety Product



**Caution labels Product**

safety Caution product like Sticker, Label, Pole,  
Product & etc



**LOTO**



**Road & Construction  
Safety**

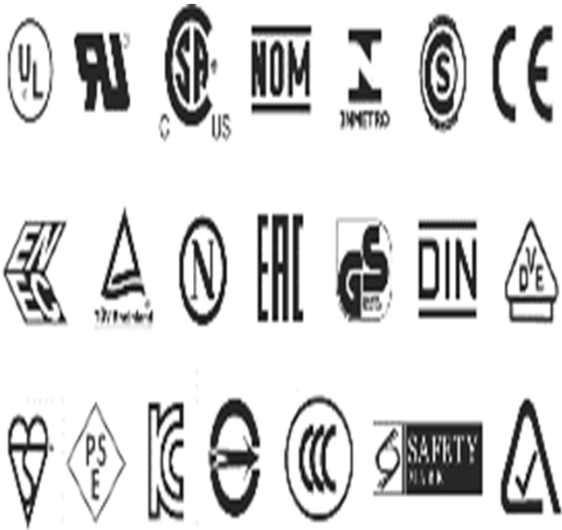


**Machinery Safety**

Machinery safety product like Safety monitor,  
Sensor, & etc

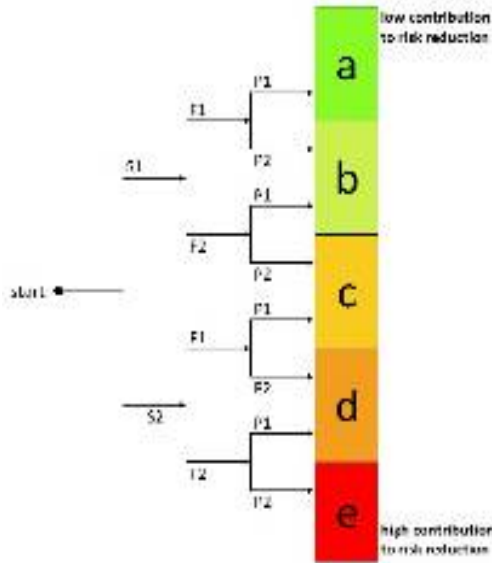


# Master Safety Solution ( Testing & Certification Service)



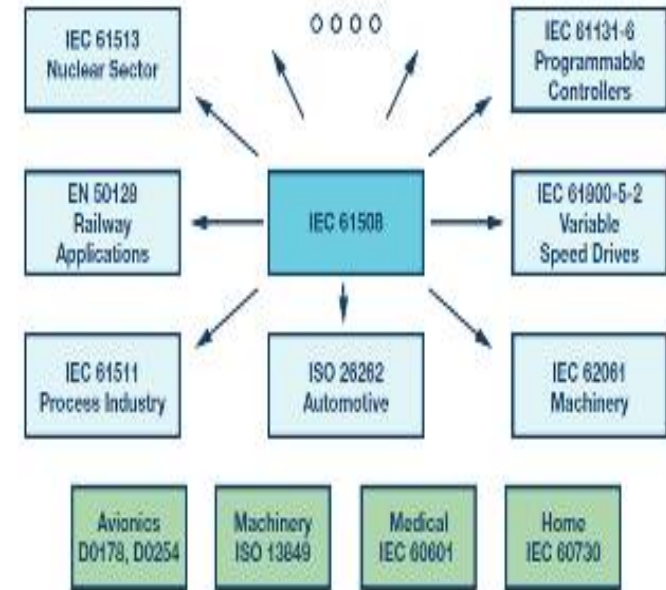
## Compliance marking

CE marking, BIS Marking, AUNZ Marking, NFPA, UL, FCC & UKCA Marking etc



## Risk Assessment

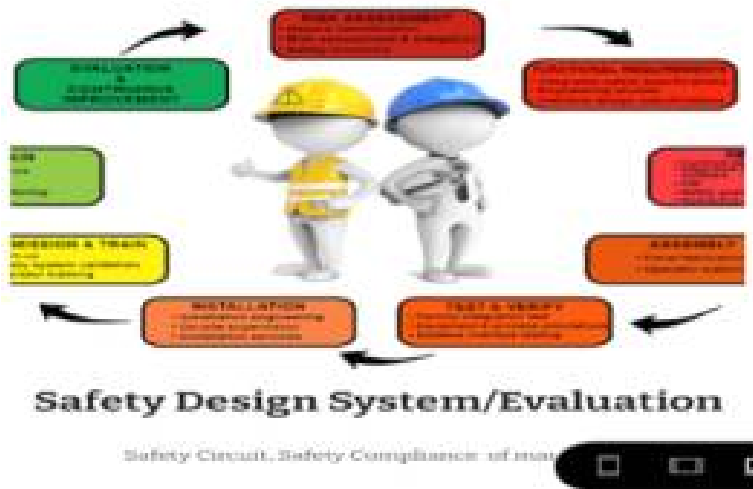
ISO 12100, IEC 62061 SIL, ASIL, ISO EN 13849-1 Performance level, Semi S10, Safety Report - Sistema, IBF & etc



## Functional Safety

IEC 61508 is what is referred to as an A level or basic standard. It is meant to be non-application specific and to be a general standard. From it are derived sector specific standards such as ISO 26262 for automotive or IEC 62061 for machinery. These sector specific standards are referred to as level B standards. The bottom tier of standards are level C standards and apply to specific pieces of equipment.

# Master Safety Solution ( Testing & Certification Service)



## Machine Safety

Machine Design, Safety Intergration, Safety Evaluation, Testing , TCF, Technical Document, Machinery Directives – 2006/42/EC ( ISO 12100, ISO 13849 – 1/2, IEC EN 60204-1 & etc harmzioied standard add or change according to application)  
Electromagnetic Compatibility – 20014/30/EC ( EN 61000-3-2, EN 61000-3-3, EN 61000-6-1, EN 61000-6-3)



## SEMI Standard

S2, S8, S9,S22, S10, F47, S1 & Etc  
testing & consulatant

# Testing and Certification

Below is the list of services we provide: ISO/IEC 17025:2017

CE Certification

Low Voltage – 2014/35/EC

Machinery Directives – 2006/42/EC ( ISO 12100, ISO 13849 – 1/2, IEC EN 60204-1 & etc harmonized standard add or change according to application)

Electromagnetic Compatibility – 2004/30/EC ( EN 61000-3-2, EN 61000-3-3, EN 61000-6-1, EN 61000-6-3)

BIS Bureau of Indian Standards - Compulsory Registration Scheme

☐ BIS testing for 40+ products (Lighting, IT/AV and others as per CRS)

Cleanroom Testing & Certification

TEC Testing

QM-333 Testing

EV Charger as per IEC 61851

Solar Cable as per EN 50618

Solar Junction Box as per IEC 62790-20

Home and kitchen appliances testing

International Approval Certifications

Medical Device Testing as per IEC 60601

Measuring Instruments as per IEC 61010

Machinery as per Annex 1 & Annex IV

IT/AV Product Testing as per new Standard IEC 62368

Environmental Testing as per national and international standards

Apart from above we support for FCC, NRTL, FES, RF, ROHS, EMI/EMC, Pre-Compliance, Inspection, Field Evaluation and many more.

# Master Mechatronics (Robotics)

## Product



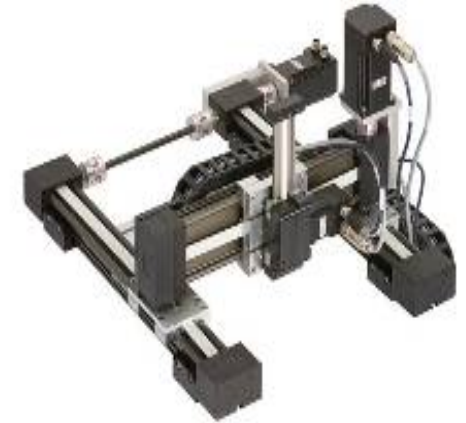
Cobot



Industrial Robot



Scara



Precision Robots



Delta



Mobile Robot/AGV



Logitics Robots



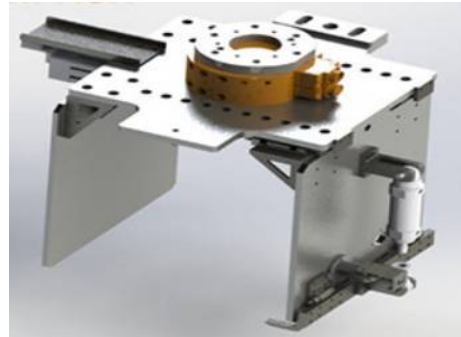
Desktop/Table Robot

# Master Mechatronics (Robotics)

## End effector / Accessories



Gripper



Customize Gripper



Safety Fence



Conduit/Robot E-Chain



Robotic Cable



Changeover



TCP & Calibration Stand



Robot Stand



# Master Mechatronics (Robotics)

## Application



Arc Welding



Assembly



Machine Tending



Material Removal



Metal Forming



Painting and Dispensing



Part Transfer



Spot Welding



Bin Picking



Case Packing



Palletizing



Logistics

# Master Engineering Service

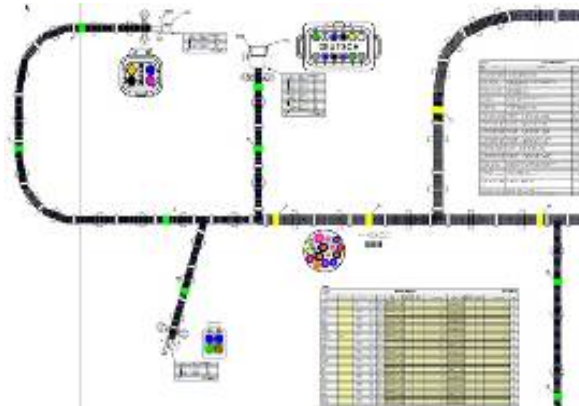
## About us

Master Mechatronics has been providing Engineering services design and development Product Design, 3D Modelling, Mechanical Design. Electrical design, Electronics, Cable harness, Fabrication, Programming IEC 61508, Installation and Testing services in all industries Sectors. 3D Modelling is one of our core portfolio in Asia and Europe with dedicated Experts and Engineers. We aim industrial 4.0 and IOT companies for providing Engineering solutions like as Factory automation, Machine, 3D Modelling of their industrial assets.

## Service



Electrial/Automation Design



Cable Harness



Product Design

# Our History

1982      Company founded by Govindasamy Angappan  
Name has Meenakshi Fabrication-Mechanical company



1987      Name changed has Meenakshi Industries

1991      Manufactured product: Concrete mixer machine, Brick cutter machine & Cement Brick Moduler machine

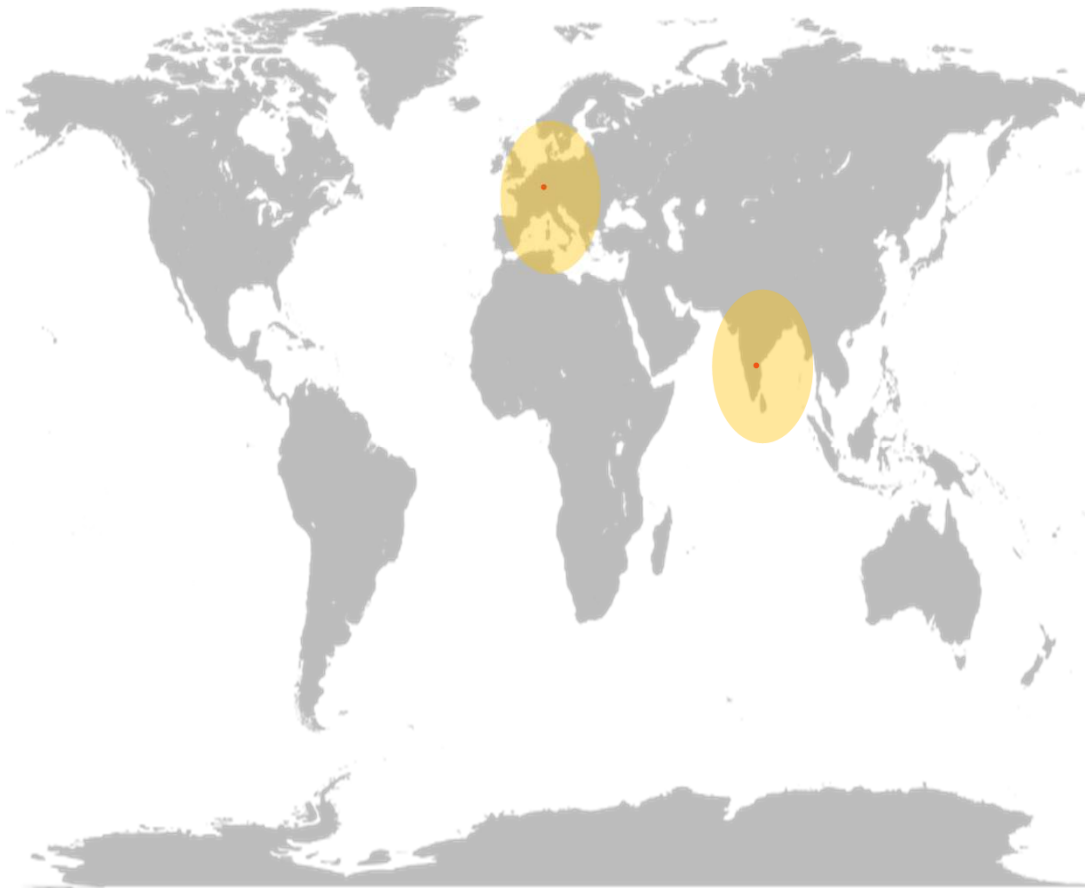
1991      Started new company: Meenakshi Rolling Shutter  
Product: Rolling shutter & all Accessories

2000      Started new company: MRS Enterprises  
Product: Two wheeler Automotive Mechanical spare parts Manufacturing.

2022      Started new company: Master Mechatronics  
Product - Automation standard Machine Solution, Safety Solution, Testing & Certification service, Robotics & Industrial Supply.



# Master Mechatronik




Master Mechatronik  Safety Solution  
CE marking & Risk analysis

Master Mechatronik  Testing &  
Certification

Master Mechatronik  Robotics  
(Bots)

Master Mechatronik  Systems/Equipments  
and Automation

Master Mechatronik  Training  
and Education

Master Mechatronik  Industrial, Mechanical,  
Automation, Safety Supply  
and Trading