COMPANY PROFILE

METALMECCANICA FRACASSO INDIA PVT LTD

An ISO 9001:2015 Certified Company
INTRODUCTION

Metalmeccanica Fracasso India Pvt. Ltd., a leading manufacturer of road safety products, has always pursued a quality-based approach to all its processes: from research and development to production, as well as its commercial strategy.

In designing our road barriers, paramount importance has been placed on ensuring the safety of the hundreds of thousands of people using the roads across the world every day.

Likewise the Company has been present in the acoustic field for many years and possess consolidated experience in the resolution of open air sound deadening problems. Equipped with a team of specialized technicians and backed by a competent technical office, the Company has been instrumental in finding solutions to acoustic pollution problems generated due to the noise of road and railway traffic.

ABOUT OURSELVES

Metalmeccanica Fracasso India Pvt. Ltd. is headed by Mr. N. Surendra Kumar, as the Chairman along with other Directors Mr. Rajan Paul, Mr. Sam Shesheki and Mr. Ranjith R Nair. The Mumbai office is managed by the Indian Whole time Director, Mr. Ranjith R. Nair. The Company has its manufacturing plant in the western part of India at Murbad, about 80 km from Mumbai, and the office is at downtown Mumbai.
**Vision:**

Our Vision is to give innovative and reliable solutions in the field of road and site safety and be an integral part of the nation building in infrastructure development.

**Mission:**

Our Mission is to be leader in the field of road safety and control environmental noise related pollution, with the help of our modern infrastructure, constant innovation, technical expertise and years of experience to produce quality and cost effective products.

**Core Values:**

Our Core values is to put quality and sustainability as our primary aim. We would always like to express through our qualitative superiority and technological advancement.

Customer Satisfaction is the main element people in Fracasso are concentrated on, with a constant effort in supporting customers during all phases of supply processes.
EXPERTISE
ROAD SAFETY PRODUCTS

Metal Crash Barriers

FRACASSO Metal Beam guard rails system offers maximum safety to the road users. Steel guard rail system is becoming popular and is now being used in several bridges, flyovers and National highways all over the world. Our specially profiled ‘W’ profile beam complying to all international specifications, absorbs maximum energy during collision by flattening out. All sections are pre-punched and hot dip galvanized.

Noise Barriers

Fracasso has wide experience in the field of noise mitigation and has erected many miles of Noise Barriers all over Europe in conformance with the above standards namely EN 1793 & 1794. The European standard EN 1793 refers to performance characteristics of the barrier and is composed of three parts:

Part 1- Sound absorption,
Part 2- Airborne sound insulation,
Part 3 - Normalized traffic noise spectrum.

The European standard EN 1794, on the other hand, refers to the physical characteristics of the material and is composed of two parts,

Part 1 - Mechanical performance and stability requirements,
Part 2 - General safety and environmental requirements.

These above two standards ensure overall product compliance in terms of physical compatibility as well as performance compatibility.
EXPERTISE

ROAD SAFETY PRODUCTS

Photovoltaic Steel Structures

In the field of Photovoltaic Sector, Fracasso has been a leader in providing steel mounting sections for Photovoltaic panels. Fracasso has been able to provide steel sections as per customer requirements and specifications as also pre-designed economic steel structures. These steel structures for mounting of photovoltaic panels can be either supplied from pre-galvanized steel or can be supplied hot dipped galvanized in various thickness and in different zinc coating thickness.

In-house design team with vast experience in designing PV structures for various landscapes

Supplied and installed structures to various solar farms in Italy and India

- COGIP SPA - 50MWp in Italy
- FERRI SRL - 4MWp in Italy
- CAPELLO ENERGY SRL - 2MWp in Italy
- REM SRL - 5MWp in Italy
- Sterling & Wilson - 5MWp in India
- CRF posts to AES Solar - 15MW India

50 MWp in Thailand for Sun Edison - In the final stage of finalization
Tested Metal Crash Barriers

The Fracasso Group has emerged as the single largest entity of providing barriers that are performance oriented. These barriers are actually crash tested in designated laboratories in Italy, France, Germany and a select few European countries. The barriers are now required to be tested are to be certified are field worthy in line with the latest European Standards EN1317, 1 & 2.
QUALITY MANAGEMENT

ISO 9001:2015 certified

QUALITY POLICY

Metalmeccanica Fracasso India Pvt. Ltd. (MFIPL) Considers Quality a strategic and primary instrument for its development and to reach operational excellence.

For this reason, MFIPL undertakes to comply with the requirements of the quality systems and continuously improve its effectiveness.

Furthermore, MFIPL undertakes to consolidate the structure for the definition and re-examining of the targets for the quality of the Road Safety Products and fencing barriers being manufactured by us to ensure total customer satisfaction.

Global Quality Standards

- Steel
  - EN 10025 S 235 JR/S275 JR
  - IS 5986 Fe360/Fe410/Fe 510
  - IS 2062 E250 (Fe410W)A
  - IS 277
- Galvanizing
  - EN 1461
  - IS 4759
- Integrated test lab with advanced machinery to ensure quality in each process
- Inspection and Test Plan (ITP) for every product
- Dedicated & Independent Quality control department
MACHINE SPECIFICATIONS
A fully automated facility equipped with high-end imported machinery

- AUTOMATED SLITTING MACHINE
  (STAM, Italy)

PLC CONTROLLED RAFTER TYPE ROLL FORMING MACHINE

SHEARING MACHINE

PLC CONTROLLED RAFTER TYPE ROLL FORMING MACHINE

BENDING MACHINE
MAJOR PROJECTS COMPLETED
### Kolkata Metro

**Installation of Noise Barriers at Kolkata Metro Railway**

**Location:** Tapan Sinha Memorial Hospital at Tollygunge, Kolkata Tollygunge at Kolkata

**Client:** Kolkata Metro Railway

**Year Of Completion:** July 2014

**Project Description:**
Reduction of noise and vibration by providing noise barrier and rubber pad over the via duct, construction of brick wall and sand filling around pier foundation rubber pad and sand filling along retaining wall and other miscellaneous works.

### Bandra-Kurla Link Road

**Acoustic Mapping and Design for Bandra-Kurla Link Road (BKLR)**

**Location:** Bandra-Kurla Link Road

**Client:** MUMBAI METROPOLITAN REGIONAL DEVELOPMENT AUTHORITY (MMRDA)

**Year of Completion:** October 2009

**Project Description:**
- Acoustical Mapping for about 4360 Rmt.
- Acoustical design for about 4360 Rmt
- Noise Barrier Design for about 1150 Rmt

### Bandra-Kurla Link Road

**Providing and Installing Noise Barrier along along Bandra-Kurla Link Road (BKLR)**

**Location:** Bandra-Kurla Link Road, BKC Mumbai

**Client:** MUMBAI METROPOLITAN REGIONAL DEVELOPMENT AUTHORITY (MMRDA)

**Year of Completion:** December 2010

**Project Description:**
- RCC Pile - 2371 RMT
- RCC beams - 622.74 Cum
- Mild Steel - 109.79 MT
- Structural Steel - 109 MT
- Road Side Noise Barrier (5.4 meter height) - 1119 Rmt
  (Reflecting + Absorbing + Bi-absorbing)
### IIT POWAI

**Project**: Fabrication and installation of Noise barrier at Jogeshwari Vikhroli Link Road near IIT Campus at Powai, Mumbai  
**Location**: JVLR, Near IIT Campus at Powai  
**Client**: MUMBAI METROPOLITAN REGIONAL DEVELOPMENT AUTHORITY (MMRDA)  
**Year Of Completion**: NOVEMBER 2014

**Project Description:**
- Noise absorbent noise barrier

### BANDRA WORLI SEA LINK

**Project**: Supply, Installation and Fixing of Metal Crash Barriers on Bandra-Worli Sea Link  
**Location**: Bandra-Worli Sea Link  
**Client**: MUMBAI METROPOLITAN REGIONAL DEVELOPMENT AUTHORITY (MMRDA)  
**Year of Completion**: May 2012

**Project Description:**
Fabrication, supply and fixing of Single Sided Double W Beam metal crash barriers for Bandra Worli Sea link project. The work started in the year 2009, was completed by the end of 2010. Around 8200 meters in length of crash barriers were installed, across the entire stretch of the Bandra Worli sea link.

### ANIK-PANJARPOLE LINK ROAD

**Project**: Providing & Installing Noise Barriers along Anik- Panjarpole Link Road  
**Location**: Panjarpole-Mankhurd Link Road  
**Client**: J. Kumar Infraprojects Limited, Mumbai  
**Year of Completion**: July 2014

**Project Description:**
- Supply & Installation of Mono absorbent Noise Barrier panels as per EN standards  
- Recording of noise levels before and after installation of noise barrier
### SANTACRUZ CHEMBUR LINK ROAD

| Project | Noise Barrier to the Santacruz Chembur Link Road (SCLR) |
| Location | Santacruz Chembur Link Road |
| Client | MUMBAI METROPOLITAN REGIONAL DEVELOPMENT AUTHORITY (MMRDA) |
| Year of Completion | October 2016 |

**Project Description:**
Providing and Fixing Noise Barrier to the Santacruz Chembur Link Road ROB portion passing through Residential Zone.

### DAHISAR ROB

| Project | Providing and Installation of Noise Barriers on Dahisar - ROB, Mumbai |
| Location | Dahisar, Mumbai |
| Client | J. Kumar Infraprojects Limited, Mumbai |
| Year of Completion | December 2011 |

**Project Description:**
Installation of noise barriers on the Dahisar flyover, that is the new road infrastructure connecting Kandarpada Road to CS Link Road in Mumbai City. The aim of the project was to reduce the noise due to traffic on the flyover affecting the residents on either side of the flyover.

### PANJARPOLE-MANKHURD LINK ROAD

| Project | Noise Barrier design along Panjarpole - Mankhurd Link Road |
| Location | Panjarpole-Mankhurd Link Road |
| Client | J. Kumar Infraprojects Limited, Mumbai |
| Year of Completion | December 2013 |

**Project Description:**
Manufacture, Supply & installation of Noise Barriers for Eastern Freeway from Panjarpole to Chembur Mankhurd Link Road. Noise Absorbent noise barrier with sound proofing transparent panels as per the requirements of the European Standards EN1793 & EN 1794.
| Project | Manufacture & Supply of Crash Barriers |
| Location | Nepal |
| Client | Nepal Adarsh Nirman Company Limited |
| Year of Completion | June 2017 |

Project Description:
Fabrication, Galvanization and Supply of W-beam, C-Channel post, C-Channel Spacer, End / Fish tail section, Bolt & Nuts, Rectangular section of beam washer.

| Project | Suman Nagar & Navghar Flyover |
| Location | Chembur |
| Client | MUMBAI METROPOLITAN REGIONAL DEVELOPMENT AUTHORITY (MMRDA) |
| Year of Completion | May 2018 |

Project Description:
Providing of Noise barriers on Navghar & Suman Nagar as per specifications. All bi-absorbent panels confirm to the requirements of European standards EN1793 and 1794 and are certified panels. Complete with all materials, labour, equipment, including all leads and lifts. BOQ details as per measurement sheet.
MAJOR CLIENTELE LIST