Safex Electromech offers advanced features in a wide range of high quality products developed over 25 years with continual technological innovation. Our products are proven in performance and reliability for various applications and across diverse industrial sectors.

**PRODUCT RANGE**

- Cranes
- Electric Hoists
- Material Elevators
- FLP Hoists & Cranes
- Chain Pulley Blocks
- Custom Design Products

We strive to provide solutions to all your material handling needs.

**INDUSTRIES SERVED**

- Oil & Gas
- Petro Chemical
- Pharmaceutical
- Steel Plant
- Foundries
- Engineering
- Power & Energy
- Automotive
- Aviation
- Shipyards
- Food
- Textile
- Fertilizers
- Paper & Pulp

Safex Electromech Electric Overhead Traveling Cranes are available in various designs up to 100 tonnes capacity, 34 mtrs. span and 60 mtrs. height of lift. We offer infinite solutions adapted to meet customers’ requirements. Our unique design is made to suit different needs and stringent dimensional requirements for hook approach, headroom, end clearances, etc.

- Single Girder Cranes
- Under Slung Cranes
- Goliath Cranes
- Double Girder Cranes
- Jib Cranes
- Wall Traveling Cranes

Safex Electromech Pvt. Ltd. has an alliance with Street Crane Company, U.K. The entire range of Street Cranes & Hoists is available.
Safex Electromech Electric Wire Rope Hoists

**KS** Standard range of hoists

**KE** Cost effective range of hoists

**KP** Premium range of hoists

**KX** Explosion proof hoists for Zone -1 & 2, Zone -22, Gas Gr. IIA, IIB, IIC

KS, KP, KX Hoists are available with CE marking

Electric Wire Rope Hoists use modular construction conforming to IS: 3938 & are available with standard features

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<th>Model No.</th>
<th>S.N. (Kg)</th>
<th>Daily Class</th>
<th>Rope Diameter</th>
<th>Lift (Meter)</th>
<th>Speed (MMPM)</th>
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Special features will be offered for higher lift, higher speed, micro-speed and custom-built applications.

**KP** Hoists offer unbeaten performance in a wide range of proven designs

Customer Design Hoists available
- Higher lift up to 60 mtrs.
- Higher hoisting speed up to 12 rpm.
- Lower CT speed up to 2 rpm.
- Micro hoisting & CT speeds
- Flexible trolley for curved track

Safe Operation - The one standard focused on by SAFEX ELECTROMECH
Available with electrical components housed in flame proof enclosures confirming to IS-2148, and mechanical components designed with spark proofing features:

- **Capacity:** 250Kg to 50,000 Kgs
- **Lift:** 6 mtrs. to 60 mtrs.
- **Hoisting Speeds:** 3, 4, 6, 8, 10 mpm.
  - 3/0.7, 4/1, 8/2, 10/2.5 mpm.
- **Micro Speed:** 3, 4, 6, 8, 1 mpm.
- **CT Speed:** 10, 15, 20 mpm.
  - 10/2.5, 15/3.7, 20/5 mpm.
- **Travel:**
  - **Type:** power travel, hand travel, fix suspension
  - **Path:** straight path, curved path

**Suitable for:**
- Zone 1, Gas Group IIA, IIB
- Zone 2, Gas Group IIA, IIB, IIC

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**EOT Cranes for Explosive Areas**

- **Capacity:** up to 100 tonnes
- **Lift:** up to 60 mtrs.
- **Speeds:** single speed, double speed, micro speed
- **Type:** overhead, underslung, goliath, jib

**Electrical Protection Concepts**

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**CODE FOR USERS**

- **Subject**
  - Flammable Data: IS/IEC 60079 -20
  - Area Classification: IS/IEC 60079 -10-1, IS/IEC 60079 -10-2
  - Selection & Installation: IS/IEC 60079 -14
  - Inspection & Maintenance: IS/IEC 60079 -17
  - Repair & Overhaul: IS/IEC 60079 -19

**GAS GROUP**

- **Gases:** Methane (Mining only), Propane, Ethylene, Hydrogen
- **Gases are classified according to ignitability of gas-air mixture. Refer IEC/EN/IS - 60079-20**

**DUST GROUP**

- **Dust Group:** Type of Combustible Dust
  - IIA: Combustible Dust
  - IIB: Non-conductive Dust
  - IIC: Conductive Dust

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**Suitable for:** Zone 1, Gas Group IIA, IIB & Zone 2, Gas Group IIA, IIB, IIC

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**FLP Electricals with CMRI / CCOE / PESO / ATEX Certifications**

- P. B. Station
- Limit Switches
- Control Panel
- Flame Proof Brake