



# **dynalektric**®

POWER | MOTION | SAFETY



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## About Dynalektric

Dynalektric Equipment Private Limited (DEPL) is envisioned to be a high-technology product & and solution provider for Busbars and Transformers (Dry-Type VPI based Oil Cooled), Control Transformers, Distribution Oil Cooled Transformers, Power Transformers, Chokes, Reactors, Inductors, and Control Panel assemblies.

We are a DPIIT (Department for Promotion of Industry and Internal Trade, Ministry of Commerce & Industry, Government of India) certified company (Certificate No DIPP60594) under STARTUP INDIA in the field of Technology Hardware Industry and manufacturing. We are also a certified MSME as a Manufacturing Enterprise under Udyog Aadhaar (UAM No. KR0380122808).

## BUSBAR PROCESSING

At Dynalektric we take pride in being a leading provider of high-quality busbar cutting, bending, and punching solutions. With a commitment to precision and efficiency, we cater to the diverse needs of industries requiring customized busbar components for their electrical systems.



### ➤ **CUT--Double column shear structure**

The shearing position adopts a double pillar structure with flat shears, no waste, no burrs, and no collapse feet.

### ➤ **PUNCH--the united six-mode turnplate in tooth shape**

Three positioning methods: Laser pointer / Coordinate axis positioning / Positioning pin help to find the center of holes easily in the punche.

### ➤ **BEND-- Control by SIEMENS system**

Programmable meter systems cause high accuracy in bending

## BUSBAR PROCESSING

We offer a wide array of busbars comprising copper and aluminum, both bars and extrusions. Ready to use, no tools for drilling and threading required. We further offer Tin, Nickel, and silver plating as a surface finish for our range of busbars. We follow Indian as well as International Standards such as IS 3052: 1986, IS 191: 2007, IS 440: 1964, IS 613: 2000, IS 6507: 1997, BS EN 13601: 2013, IS 191(Part I to Part X): 1980, IS 1897: 2008, IS 1599: 1985, IEC 61439 ( 1 - 6).



### Features

- ◆ **Conductivity:** Busbars are chosen for their excellent electrical conductivity, ensuring minimal power loss during transmission.
- ◆ **Heat Dissipation:** Their design often incorporates features for efficient heat dissipation, preventing overheating and ensuring the longevity of electrical components.
- ◆ **Flexibility:** Busbars come in various shapes and sizes, catering to the specific needs of different electrical systems.
- ◆ **Reliability:** As a fundamental part of electrical distribution, busbars are engineered to provide a reliable and stable connection.

## Technical Specification

Busbar - Aluminum	
Construction Details	
SIZE in MM	AREA in Sq mm
12 x 2	24
15 x 2	30
15 x 3	45
20 x 2	40
20 x 3	60
20 x 5	100
25 x 3	75
25 x 5	125
30 x 3	90
30 x 5	150
40 x 3	120
40 x 5	200
40 x 10	400
50 x 5	250
50 x 6	300
50 x 10	500
60 x 5	300
60 x 10	600
80 x 5	400
80 x 10	800
100 x 5	500
100 x 10	1000
100 x 15	1500
120 x 10	1200
120 x 15	1800
160 x 10	1600
160 x 15	2400
200 x 10	2000
200 x 15	3000

Busbar - Copper	
Construction Details	
SIZE in MM	AREA in Sq mm
12 x 2	24
15 x 2	30
15 x 3	45
20 x 2	40
20 x 3	60
20 x 5	100
25 x 3	75
25 x 5	125
30 x 3	90
30 x 5	150
40 x 3	120
40 x 5	200
40 x 10	400
50 x 5	250
50 x 6	300
50 x 10	500
60 x 5	300
60 x 10	600
80 x 5	400
80 x 10	800
100 x 5	500
100 x 10	1000
100 x 15	1500
120 x 10	1200
120 x 15	1800
160 x 10	1600
160 x 15	2400
200 x 10	2000
200 x 15	3000



# CONTACT US

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