



ETALECTRIK
Manufacturing, Service & Maintenance

2022 PRODUCTS CATALOGUE

You Think,
We Create





METALECTRIK MANUFACTURING PRODUCTS AT YOUR FINGERTIPS

The Metalectrik Manufacturing Catalogue of 2021 has been designed with your needs in mind. Here you can find the base details you need to know about the wide range of equipment we can build for you.

Each piece can be altered and modified to suit your needs. Remember...

**You Think,
We Create**





SWITCHGEARS

PRIMARY & METERING COMPARTMENT

SERVICE PACK 400AMP

METER EQUIPMENT

METER BANK

PRIMARY METER CABINET

TRANCLOSURE

TRANCLOSURE FROM 75 KVA - 1500 KVA

OUTDOOR ENCLOSURES

METALIC ENCLOSURE - N-3R

CONTROL BOXES

TELEPHONE TERMINAL CABINET (TTC)

AIR DUCTS

INSULATED AIR DUCTS

METAL DUCTS

KITCHEN EQUIPMENT/FURNITURE

BREAD BAKING TRAYS

KITCHEN CABINETS

ALUMINUM STRUCTURES

ALUMINUM STRUCTURE FOR 38KV DISTRIBUTION LINES

UV-C TUNNELS

WALKTHROUGH UV-C TUNNELS

SMALL UV-C TUNNELS

CUSTOM BUILT EQUIPMENT

JUNCTION BOXES

INDOOR ENCLOSURE

FILTER HOLDER

DECORATIVE METAL CUTS

SECURITY CHECKPOINT CABINS

RESTORATION SERVICES FOR GENERATORS

SWITCHGEARS



Primary & Metering Compartment

Equipment for high voltage protection of transformer units at different capacities of primary metering.

Materials:

Stainless steel or galvanized.

Features:

- Load interrupter switch
- High voltage power fuser
- Lightning arrester
- Copper bus bar
- Meter base
- Space for Prepa CT's & PT's



Service Pack 400AMP

Simple Measurement

Secondary measuring equipment.

Materials:

Stainless steel or galvanized

Features:

- Meter base
- Three phase & one phase system
- Secondary breaker
- Copper bus bar
- Space for Prepa CT's
- Vandal-proof construction

Minimum Size Requirements						
AMP	A	B	C	D	E	F
400A-1Ø	46"	44"	15"	23"	28"	16"
400A-3 Ø	52"	46"	15"	29"	30"	16"
600A-3 Ø						
800A-3 Ø						
1000A-3 Ø	63"	50"	15"	40"	30"	20"
1200A-3 Ø						



METER EQUIPMENT

Meter Bank



Secondary measuring equipment for multiple tenants.

Materials:

Stainless steel or galvanized.

Features:

- Meter base
- Three phase & one phase system
- Secondary breaker
- Copper bus bar
- Space for Prepa CT's
- Vandal-proof construction

Variation designed for three tenants.



Primary Metering Cabinet

Outdoor enclosure for primary metering.

Materials:

Stainless steel

Features:

- Three-phase meter base
- Vandal-proof enclosure

TRANCLOSURES

Tranclosure from 75 KVA - 1500 KVA

Electrical substation for high to low voltage systems (120/208 or 277/480 voltage).

Materials:

Stainless steel or galvanized

Features:

- Primary cubicle
- Metering cubicle (optional)
- Transformer compartment
- Secondary compartment
- Copper bus bar
- Space for ATS, main circuit breaker & switchboard.
- Vandal-proof construction (optional)



OUTDOOR ENCLOSURES



Metalic Enclosure - N-3R

Outdoor enclosure for secondary equipment such as panel boards, ATS and Control panels.

Materials:

Stainless steel or galvanized

Features:

Protection of outdoor electrical equipment



Metalic Enclosure
N-3R 2000 AMP

CONTROL BOXES



Telephone Terminal Cabinet (TTC)

For the distribution of telephone lines in a building.

Materials:

Stainless Steel or galvanized

Features:

Plywood Backpanel 3/4 inch.
Ground Terminal
Key lock
Pad locking (optional)

AIR DUCTS

Insulated Air Ducts



Custom built air ducts with internal and external insulation to prevent condensation.

Materials:

Fiberglass and urethane

Features:

Wrap around insulation

Internal and/or external insulation

Metal Ducts

These air ducts are built following the specifications established by SMACNA.

Materials:

Stainless steel or galvanized

Features:

Rectangular ducts

Round ducts

Textile ducts

TDF coupling



KITCHEN EQUIPMENT/FURNITURE

The best kitchens in the world all use stainless steel for its durability, resistance to corrosion and for its easy maintenance. Each piece we create is made to last you years of use.



Custom Built Bread Trays

Materials:

Stainless Steel

Features:

Custom Made

Provision for baking pans

Provision for dessert cups or trays

Custom Built Kitchen Cabinet

Materials:

Stainless steel

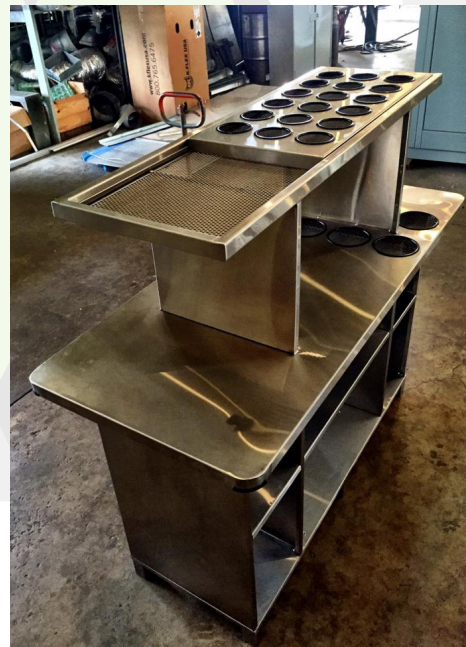
Features:

Custom Made

Working Table

Sliding door

Liquor Bottle Provision



ALUMINUM STRUCTURES

ALUMINUM STRUCTURE FOR 38KV DISTRIBUTION LINES



Aluminum structure and pole type for 38KV distribution lines.

Materials:

Structural aluminum 6061 T6

Features:

Power distribution transformer from 750 KVA to 5000KVA

Secondary Equipment

High Voltage Switchboard

Bus Duct (Optional)



UV-C TUNNELS

We design our Disinfection Tunnels with simplicity, practicality and convenience in mind. Thanks to their UV-C Far Light lightbulbs, it only takes 6-8 seconds to walk through one of our models for a 99.9% disinfection to occur.

All surfaces can be treated by this light, including those that might be damaged or affected by liquid chemicals, like paper, fabrics, and cardboard. It's an easy and safe solution for the disinfection of all surfaces.



Walkthrough UV-C Tunnel

A disinfection tunnel designed for use on humans and large packages or equipment. These tunnels can be custom built or adjusted to fit all the costumer's needs.

Materials:

Aluminum and PVC

Features:

- Highly adaptable
- Easy maintenance
- Safe for use by humans



Small UV-C Tunnel

Disinfection tunnels for shopping carts, packages and/or small equipment. These small tunnels can also be custom built or modified to fit all of the costumer's needs and due to their size, they can be easily hidden.

Materials:

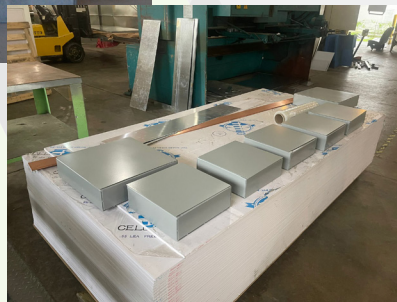
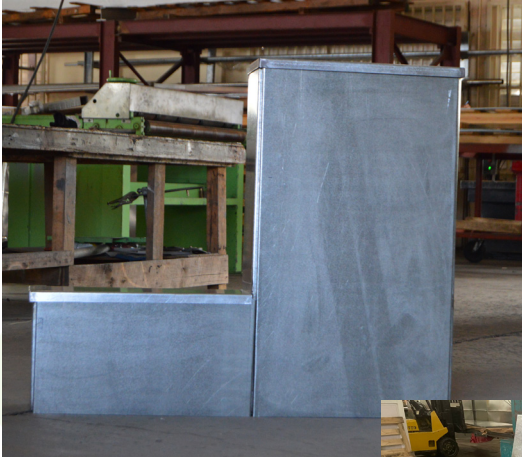
Aluminum and PVC

Features:

- Highly adaptable
- Easy maintenance



CUSTOM BUILT EQUIPMENT



Junction Boxes

Outdoor enclosure for secondary equipment such as panel boards, ATS and Control panels.

Materials:

Stainless steel or galvanized

Features:

Protection of indoor electrical equipment

Indoor Enclosure

Outdoor enclosure for secondary equipment such as panel boards, ATS and Control panels.

Materials:

Stainless steel or galvanized

Features:

Protection of indoor electrical equipment





Filter Holder

Custom made for a pharmaceutical manufacturer. Can hold any type of filter including HEPA.

Materials:

Galvanized, aluminum and stainless steel

Features:

Custom made
Difference sizes
Different configurations

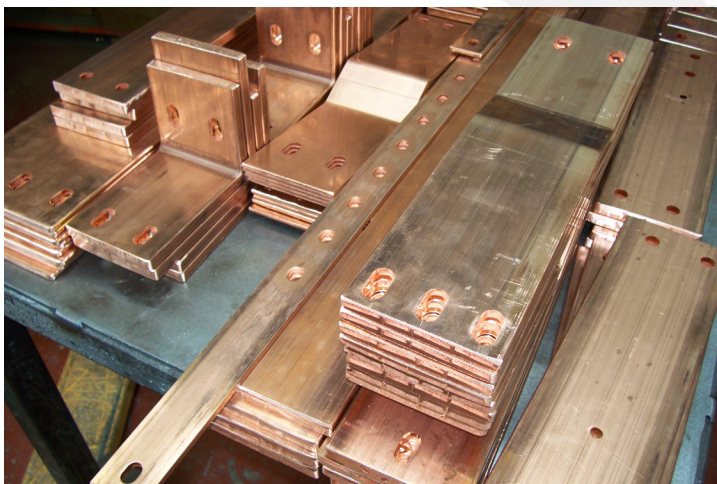


Decorative Metal Cuts

If you build fences or metal doors and you have a particular shape in mind, just tell us what you have in mind, and we will make your idea a reality.

Materials:

Galvanized, aluminum and stainless steel



Custom Copper Bar

Custom copper bars made for multiple uses such as:

- Grounding Bar
- Existing Enclosure
- Bus Bar
- More

Materials:

Copper

Features:

Custom made
Varied sizes



Security Checkpoint Cabins

A security checkpoint cabin built with a unique design and the highest quality materials available, versatile in style and at a low cost.

Materials:

Insulated aluminum frame and roof
Laminated wood

Features:

Portable toilet and wash basin
1/4" tempered glass windows
Ventilator

Optional:

9000 BTU Inverter Unit
UV Light Panel



RESTORATION SERVICES FOR GENERATORS

Before



After





**METALECTRIK
MANUFACTURING**

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