

*Simply Better*

**powerbox®**

# Cable Tray System

- 100% galvanized materials offers better resistance to corrosion.
- Manufactured using State-of-the-art CNC machines for precise and accurate punching, cutting, and bending of metal parts.
- Painted finish using fully-conveyORIZED powder coating system.

# MISSION

Total Power Box Solution Inc. Is in the business of manufacturing and trading electrical distribution products.

We shall ensure total customer satisfaction by:  
Providing our customers with wide range of best value high quality electrical products at a competitive cost with our shorter delivery lead time.

Providing our customers efficient technical support and services by closely working with them from the design stage to project completion.

Anticipating tomorrow's needs through effective market research and planning.

We will conduct our business with total integrity, professionalism and dedication adhering to ethical business practices and government policies and regulations.

# VISION

**We** will strive at all times to become the most preferred supplier of best value, high quality electrical distribution products in the electrical industry here and abroad.

**We** will strive at all times to understand our customers' needs by working closely with them and by providing technical support and services to achieve optimum result in all our project undertakings.

**We** will continuously strive to improve the way we do things to maintain high manufacturing standards to achieve constant quality objectives.

**We** will strive for a fair and reasonable market growth to satisfy our stakeholders and customers.

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Total Power Box Solution, Inc. provide customers with exemplary service and quality Electrical products that conforms with standards set by the **Institute of Electrical and Electronics Engineers (IEEE)** and **Institute of Integrated Electrical Engineers of the Philippines, Inc. (IIEE)**. The support and service we provide by our dedicated staff to our valued customers will always be incomparable.

We design and manufacture electrical products that are reliable, safe, and highest quality management system fully certified to ISO 9001:2015 version.

We employ state-of-the-art **Computer Numerical Control (CNC)** machines on our production to produce precise custom built electrical products of highest quality and expertise unmatched reliability.

We are proud to showcase our manufacturing process perfected by decades of experience in delivering wide range of electrical distribution protection and control products from low voltage to high voltage application.

We as an innovative electrical manufacturer, we do our best to keep abreast of global trends to produce electrical distribution equipment that are simply better than conventional ones.

Total Power Box Solution, Inc. is locating in Cavite Light Industrial Park, Brgy. Maguyam, Silang, Cavite Philippines.

## Cable Tray Features

### Cage nut:

- No manual hand tapping
- Highly durable 5 - full

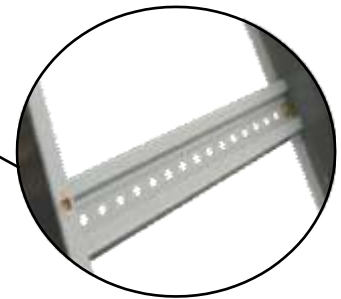
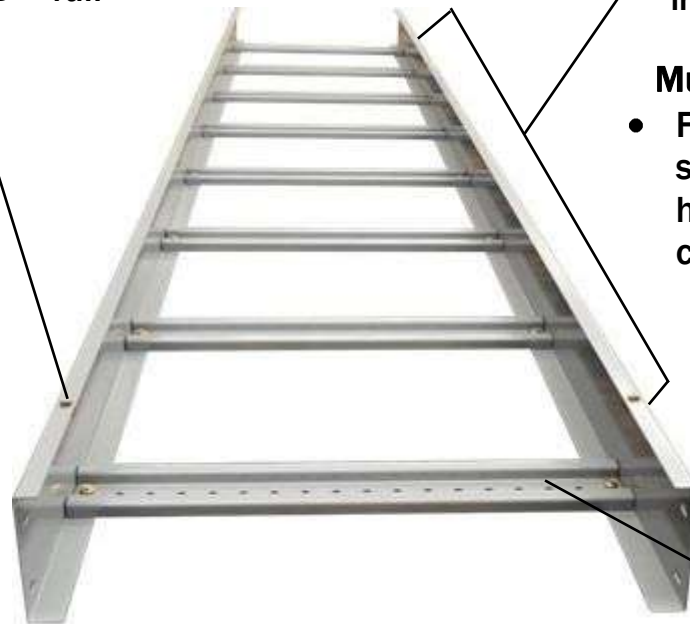


### Galvanized side rails

- Offers better corrosion resistance than conventional black iron sheets.

### Multi-bended rungs

- For maximum strength Pre-punched holes to allow easy cable harnessing



- **Multi-slotted connectors** allowing site adjustment and alignment



## Technical Specifications

Material & Finish	
Galvanized / GI	For indoor use
Hot Dipped Galvanized / HDG	For outdoor use
Stainless Steel	SS304/SS316
Powder Coated	For indoor and outdoor use

Specifications	
Sheet metal thickness	1.5 mm thick
	2.0 mm thick
Paint finish	Powder coated finish with pure polyester powder paint
Coating thickness	80 microns
Color	RAL 9002
	RAL 7001
Texture	Spattered
	Smooth
Standard rung type	Bolted
	Spot-welded

## Powerbox Cable Tray and Fittings

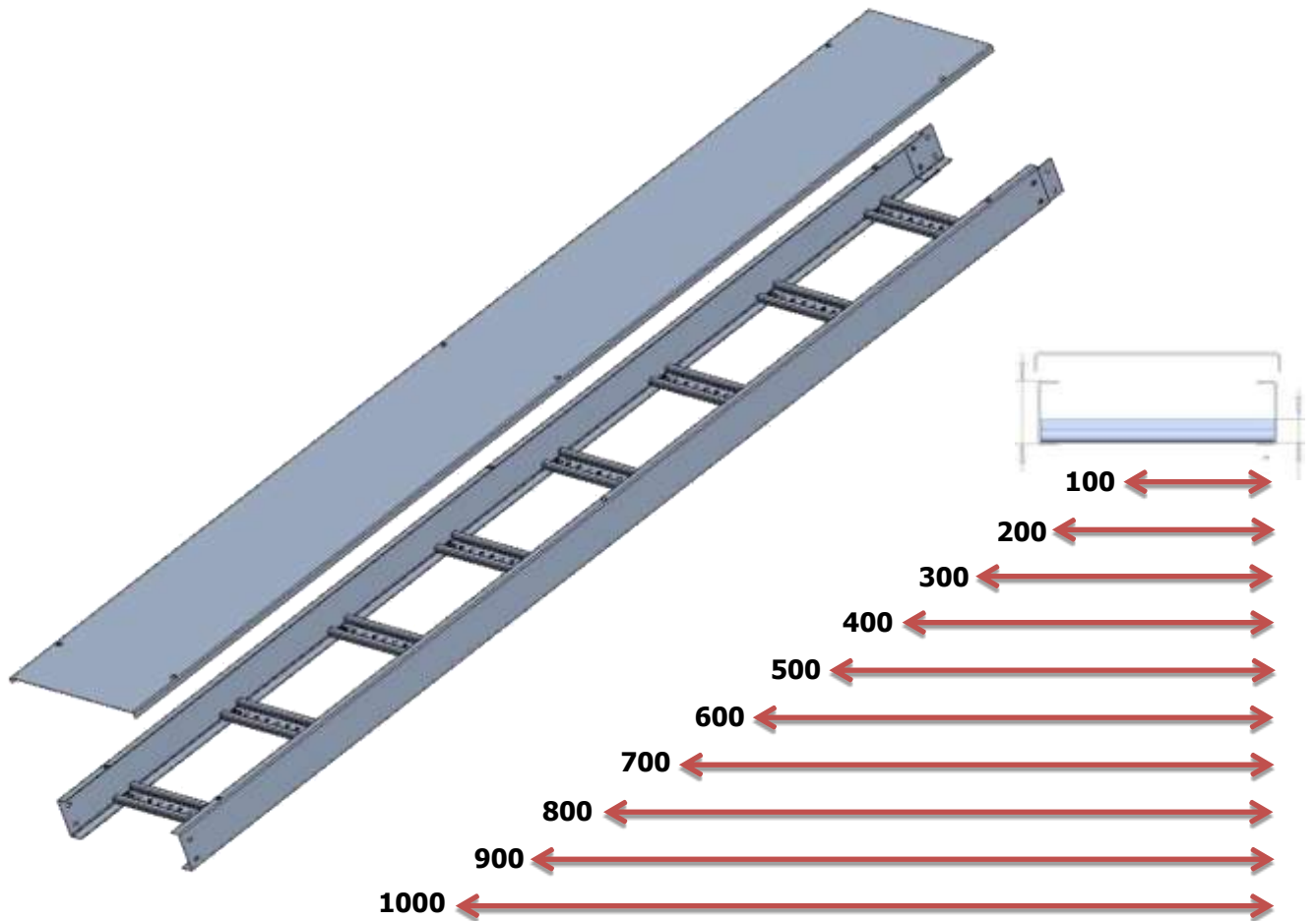
### Ladder Type

Galvanized

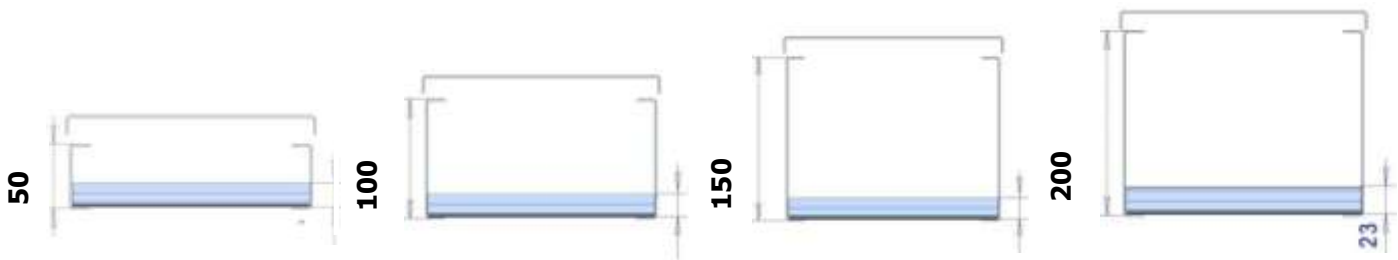
Hot Dipped Galvanized

Stainless Steel

Powder



Note: All dimensions are in millimeters



#### Standard Specifications

Supplied in standard 2400 mm (8 rungs) – 3000 mm (9 rungs) lengths. Rung distance = 300 mm.

Custom sizes can also be manufactured

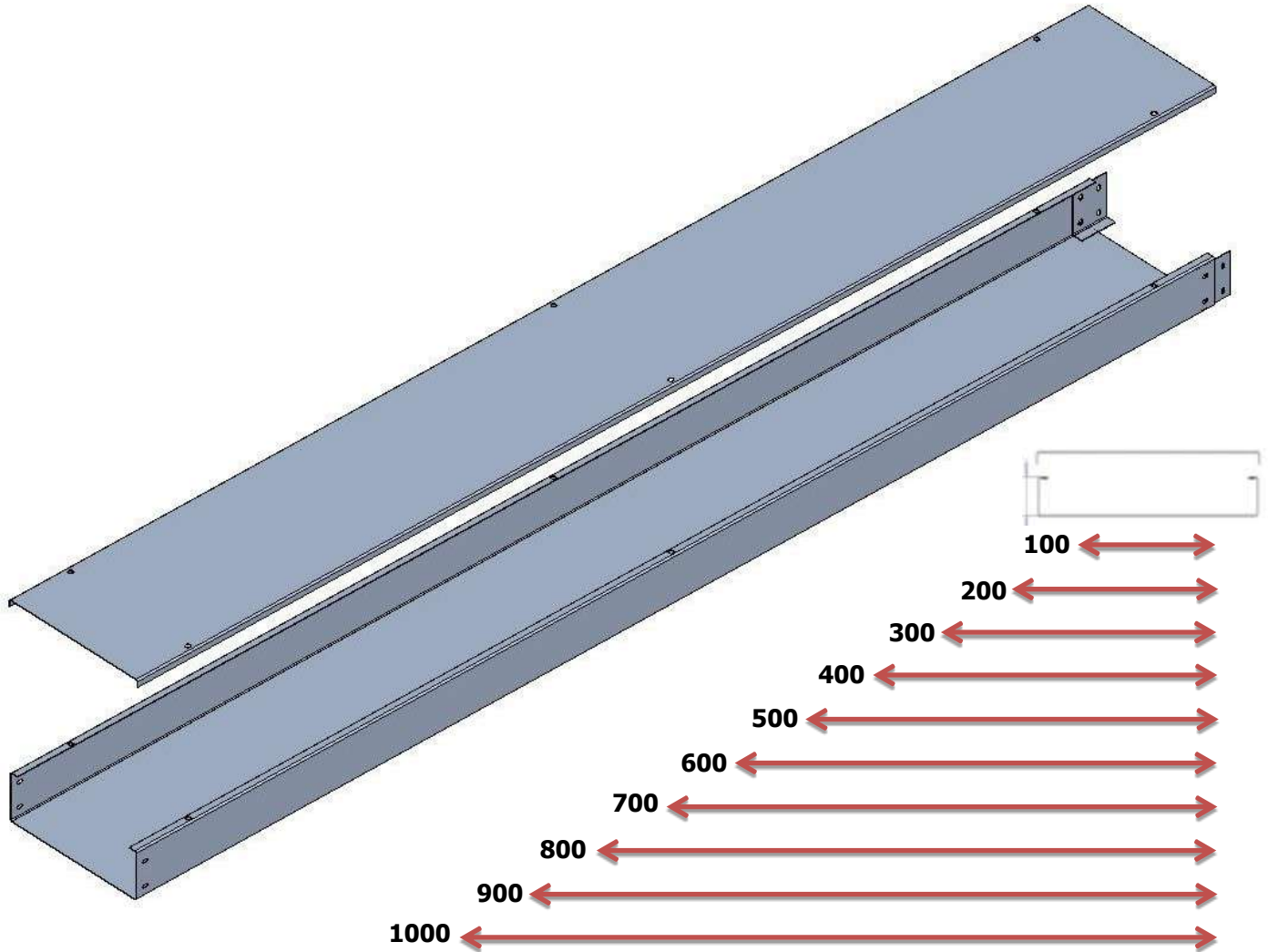
## Closed Type

Galvanized

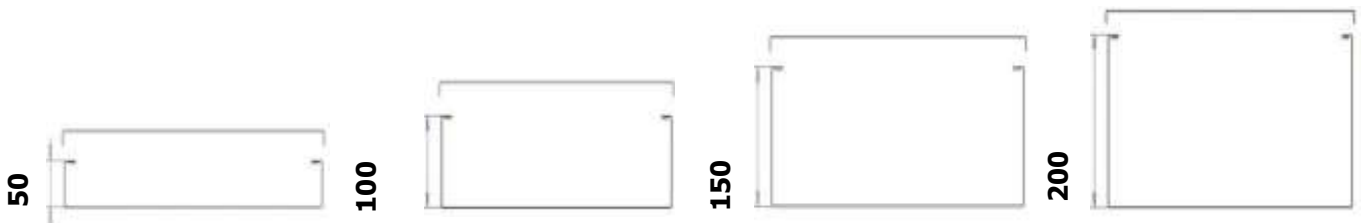
Hot Dipped Galvanized

Stainless Steel

Powder



Note: All dimension are in millimeters



### Standard Specifications

Supplied in standard 2400 mm (8 rungs) - 3000 mm (9 rungs) lengths. Custom sizes can also be manufactured

# Powerbox Cable Tray and Fittings

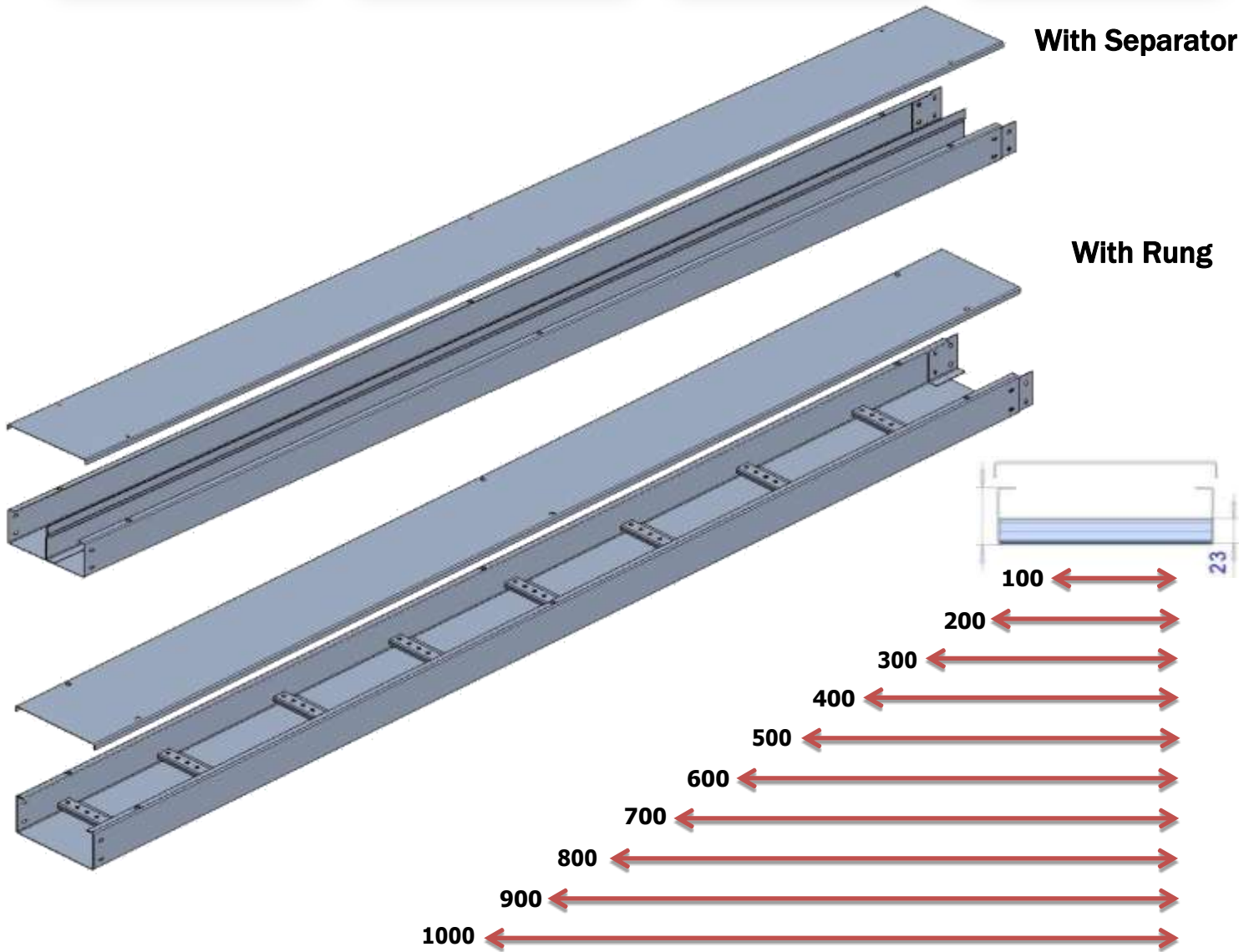
## Closed Type with Separator or with Rung

Galvanized

Hot Dipped Galvanized

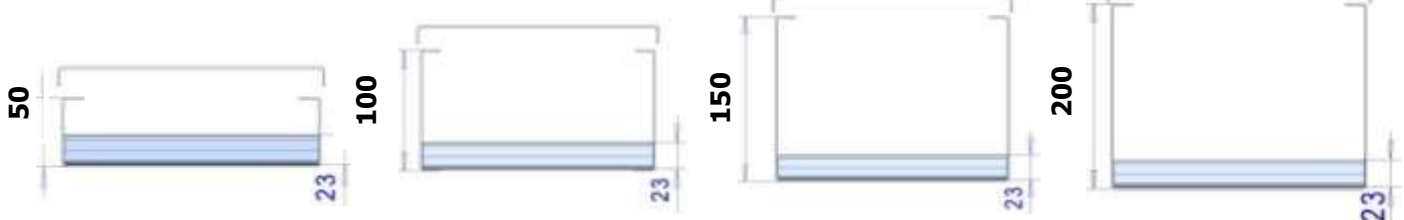
Stainless Steel

Powder



Note: All dimensions are in millimeters (mm)

0.8



### Standard Specifications

Supplied in standard 2400 mm (8 rungs) – 3000 mm (9 rungs) lengths. Rung distance = 300 mm.

Custom sizes can also be manufactured



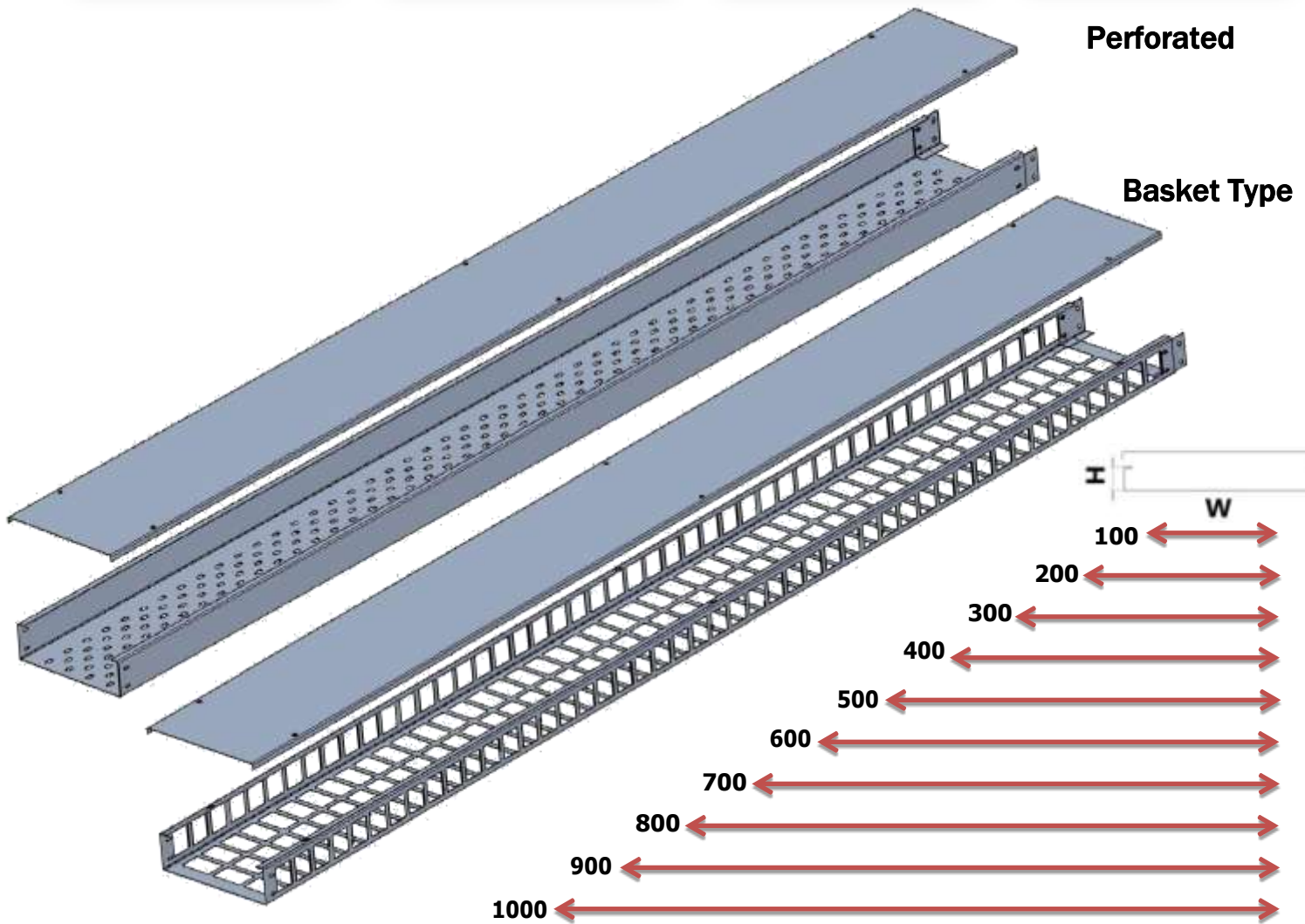
## Powerbox Cable Tray and Fittings Perforated Type or Basket Type

Galvanized

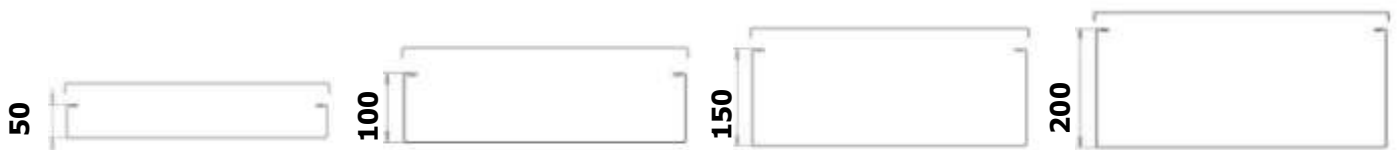
Hot Dipped Galvanized

Stainless Steel

Powder



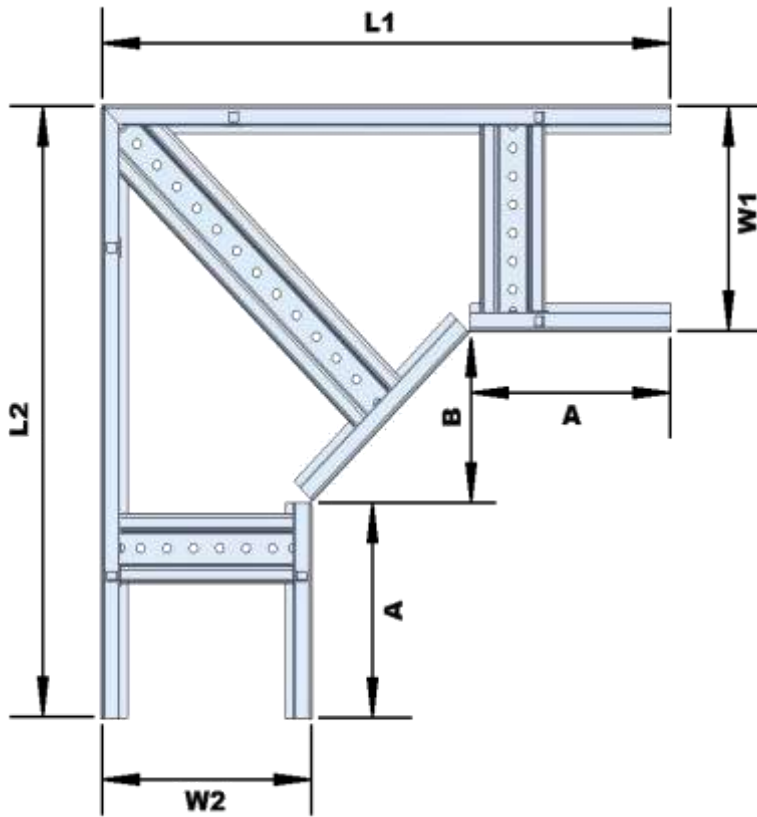
Note: All dimensions are in millimetres (mm)



### Standard Specifications

Supplied in standard 2400 mm (8) – 3000 mm (9) lengths. Custom sizes can also be manufactured

# Horizontal Elbow (90°)



A	B	Width (W1/W2)	L1 & L2
190	150	100	440
		150	490
		200	540
		250	590
		300	640
		350	690
		400	740
		450	790
		500	840
		550	890
		600	940
		650	990
		700	1040
		750	1090
		800	1140
		850	1190
900	1240		
950	1290		
1000	1340		

Load depth: 50 mm up to 200 mm

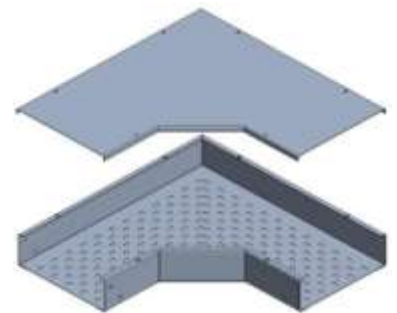
**Ladder Type**



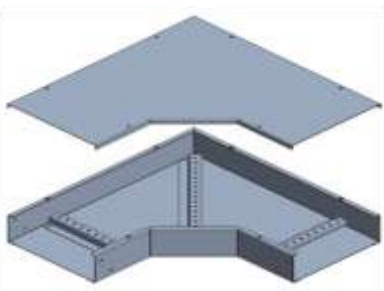
**Closed Type**



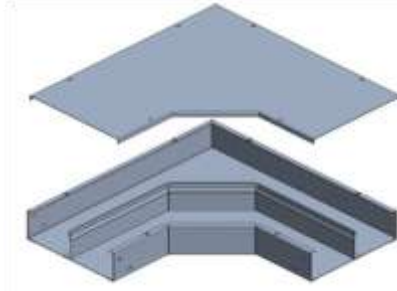
**Perforated**



**Closed Type with Rung**



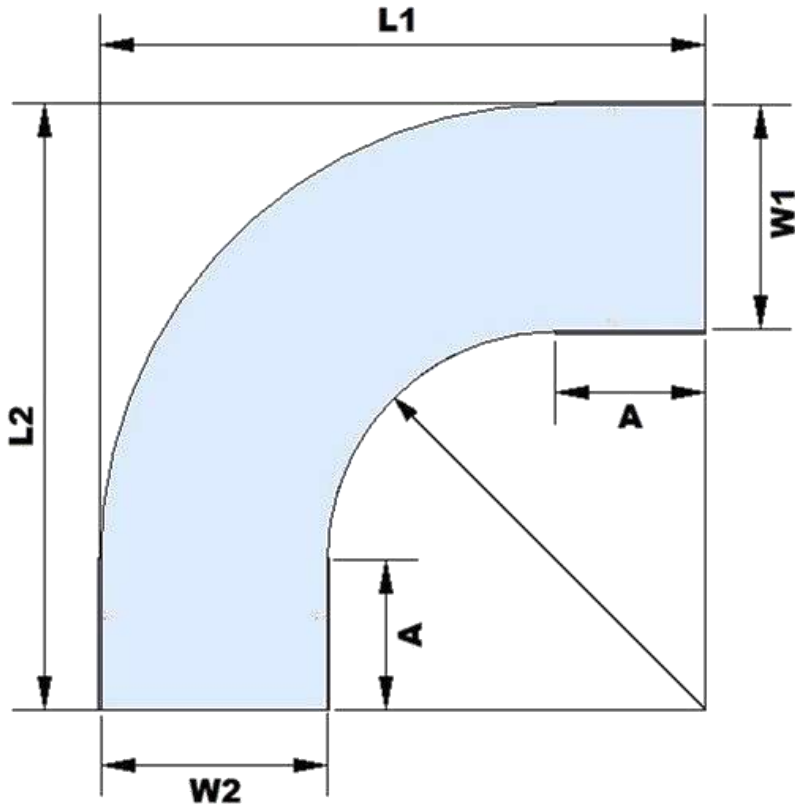
**Closed Type with Separator**



**Cable basket**



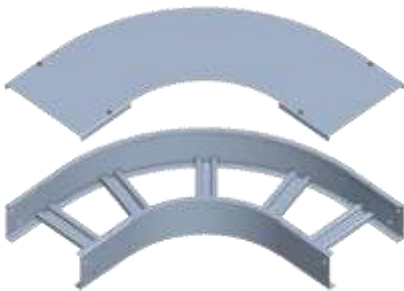
# Horizontal Elbow Radius



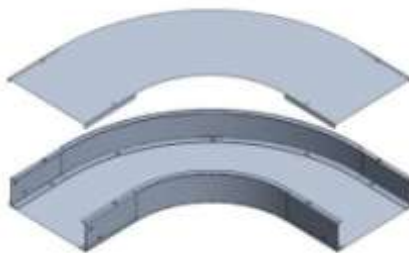
Radius (R)	A	Width (W1/W2)	L1 & L2
300	190	100	590
		150	640
		200	690
		250	740
		300	790
		350	840
		400	890
		450	940
		500	990
		550	1040
		600	1090
		650	1140
		700	1190
		750	1240
		800	1290
		850	1340
		900	1390
950	1440		
1000	1490		

Load depth: 50 mm up to 200 mm

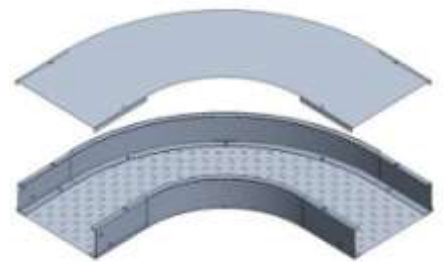
**Ladder Type**



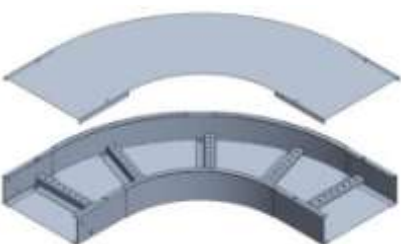
**Closed Type**



**Perforate**



**Closed Type with Rung**



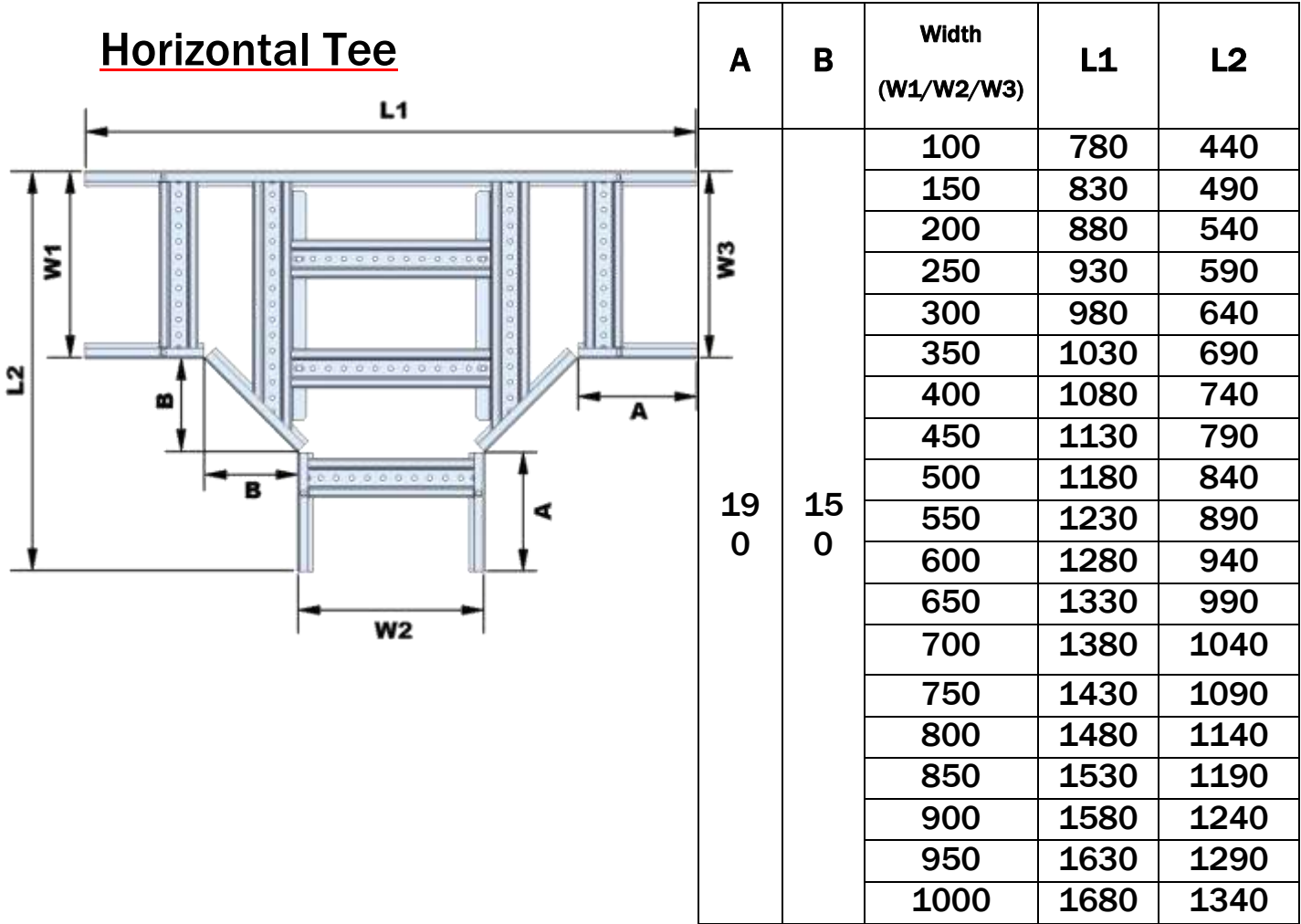
**Closed Type with**



**Cable Basket**



Horizontal Tee



Load depth: 50 mm up to 200 mm

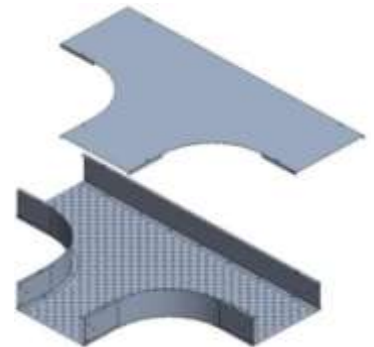
**Ladder Type**



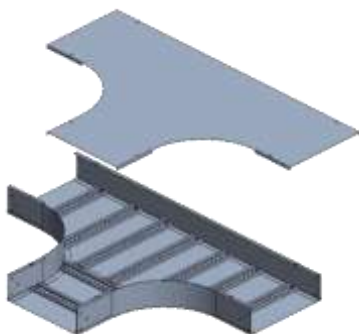
**Closed Type**



**Perforate**



**Closed Type with Rung**



**Closed Type with**



**Cable Basket**

