

TIC GROUP
We Power Your Business!

TIC Modular System Co., Ltd
TIC Engineering Co., Ltd
TIC Electric Corporation Co., Ltd



บริษัท ซีที อิเล็กทริก ซัพพลาย จำกัด
CT ELECTRIC SUPPLY CO., LTD.
โทร : 02 550 9555

*MDB Type Test XEnergy, EDB, SDB, MCE, PB, MV Switchgear
Cable ladders. Cable trays. Wireways. Cable trunking. Pull
boxes. Junction Boxes. acc.*

Electrical switchboards
Cable tray systems
Full pre/after service & Maintenance

MOELLER 

EATON

Powering Business Worldwide

xEnergy



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About us

TIC is celebrating its 18th Anniversary!

1996 - TIC Modular formation

2000 - TIC Engineering was born

2009 - TIC Electric company realized

What we do

We Power your business!

TIC Modular Systems was established in 1996 and later blossomed into 3 layers to bring you the customer a full service experience in electrical design, manufacturing, maintenance and service. TIC is Thai owned and managed.

Registered Capital: 20 000 000 Baht

Plant Area : 11000 m²

Office Area : 1200 m²

Capacity/Mth : 150 M Baht



The Family

TIC MODULAR SYSTEMS CO., LTD

Electrical Switchboards designer and manufacturer. Varied product range consisting of:

MDB, EDM, SDB, MSB, MCCB, PB, MVSB, Forms 2-4 of indoor and outdoor components

TIC ENGINEERING CO., LTD

Design and manufacturing experts specializing in cable tray systems and paneling. Steel framed...

Cable ladders, Cable trays, Wireways, Cable trunking, Pull boxes, Junction boxes

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CT ELECTRIC SUPPLY CO., LTD

TIC ELECTRIC CORPORATION CO., LTD

โทร : 02 550 9555
After sales Service and preventive maintenance specialist



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TIC, who, where, what and why...

TIC was established to manufacture switchboards and control panels for the local commercial and industrial sector. It is Thai owned and managed.

TIC is functionally structured, systems oriented and supported by a team of professionals who take real pride in what they do and in the company they represent.

Our Mission is to not just put power where it needs to be but to go beyond and exceed the customers' expectations.

TIC strives to:

Smile

Bring quotations to you on time

Deliver products that meet all required specifications

Provide accurate as built drawings

Keep on budget

Deliver, install, train, and commission on time

Provide rapid and detailed response to support request

TIC remains dedicated to finding new and better ways to meet customer needs that go beyond general products specifications. Our sales and technical Engineers help assure the product meets both the code and expectations of the customer.

Workshop Facilities are Modern and highly automated, using CNC and MMC machines. With the use of this technology TIC offers exact precision likeness from the requested design.

Cable Systems and Paneling are constructed of BS standard sheet steel and surfaces are painted with an epoxy/polyester powder coat for protection against corrosion.

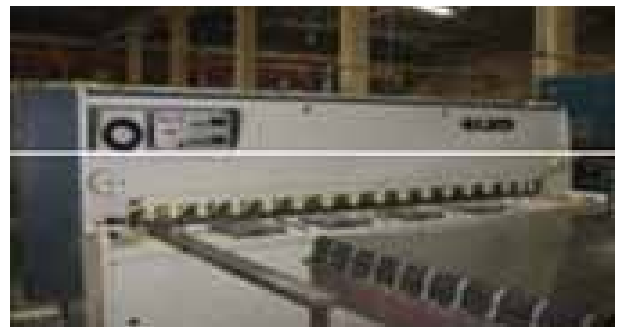
At TIC we take pride in bringing power from the grid and then forwarding it exactly to where you want it, how you want it and when you want it. Not only that, we pride ourselves on not just meeting the safety standards but exceeding them!

TIC maintains a very dedicated and professional team from the very time we meet and greet and exchange business cards to the time you call us back and say we need some customer service or a repair. That's more than enough to keep you with the TIC family however it doesn't stop there, read on.



Our Factory





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TIC Team



Senior and Executive Management



Marketing Team



Sales Team



TIC eastern Team



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TIC ELECTRIC SUPPLY CO., LTD.
โทร 10215501005



We love our job!

TIC MODULAR SYSTEM CO.,LTD

Specialist in the design and manufacturing of electrical switchboards.

TIC modular products include:

Main Distribution Boards, Emergency Distribution Boards, Sub Distribution Boards, Motor Control Center Boards, low and medium voltage panels and switchboards, low voltage switch gear control and assemblies.

Licensed Type tested by Moeller Germany



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XEenergy
 CT ELECTRIC SUPPLY CO., LTD.

โทร : 02.550.9555



Indoor and outdoor Panels



MDB, E MDB, DB



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โทร : 02 550 9555



TIC ENGINEERING CO., LTD

Specialist in the design and manufacturing of Cable tray Systems

If you're seeking to deliver power safely and efficiently throughout buildings of any type, size or infrastructure then don't hesitate to call our team of professionals at TIC.



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CABLE LADDER TYPE

STANDARD ; Refer to BS EN, ASTM, E.I.T, NEMA VE1, ISO

MATERIALS ; Hot Rolled Mild Steel Sheet

Stainless Steel Sheet (LS Type)

FINISHING ; Painting by Electro-Static Spraying

with Epoxy/Polyester Powder Paint

Coating 60-80 μM. Thickness (LP Type)

PRE-TREATMENT Zinc Phosphate

Electroplated Zinc to BSEN 12329 (LEP Type)

Hot-Dip Galvanized Average 55-65 μM Thickness to ISO 1461 or ASTM A123/A123M (LH Type)



TECHNICAL DATA

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CT ELECTRIC SUPPLY CO., LTD.

TYPE (WxHxL)	Thickness (mm.)	STRAIGHT	WEIGHT(kg./m.)		BENDING STRENGTH (kg.)		
			cover		SUPPORT DISTANCE (m.)		
			T=1.6 mm	T=2.0 mm	1.5 m.	2.0 m.	3.0 m.
200 x 100 x 3000	2.0	6.18	2.83	3.77	1371.75	1083.00	737.05
300 x 100 x 3000	2.0	6.68	4.00	5.34	1292.85	1020.50	695.25
400 x 100 x 3000	2.0	7.18	5.17	6.91	1220.00	963.80	656.60
500 x 100 x 3000	2.0	7.68	6.34	8.48	1167.45	921.95	628.75
600 x 100 x 3000	2.0	8.18	7.51	10.05	1105.20	872.95	595.75
700 x 100 x 3000	2.0	8.68	8.68	11.62	1022.40	801.95	545.90
800 x 100 x 3000	2.0	9.18	9.85	13.19	975.45	770.75	526.95
900 x 100 x 3000	2.0	9.68	11.02	14.76	912.45	720.50	488.60
1000 x 100 x 3000	2.0	10.18	12.19	16.33	849.00	671.50	456.65

90° Horizontal Bend



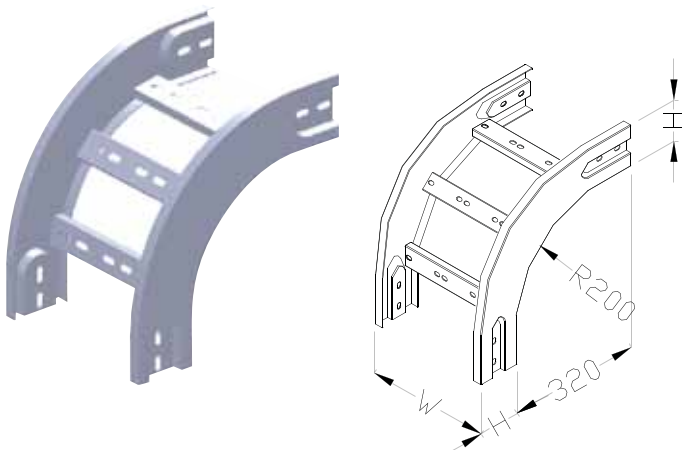
TYPE 90 HB (WxH)	THICKNESS (mm.)	WEIGHT (kg.)		
		FITTING	COVER	
			T=1.6 mm.	T=2.0 mm.
90 HB 200 x 100	2.0	6.16	3.08	4.12
90 HB 300 x 100	2.0	7.28	4.66	6.22
90 HB 400 x 100	2.0	8.99	6.48	8.64
90 HB 500 x 100	2.0	10.26	8.53	11.37
90 HB 600 x 100	2.0	12.42	10.81	14.41
90 HB 700 x 100	2.0	13.83	13.33	17.77
90 HB 800 x 100	2.0	15.25	16.09	21.45
90 HB 900 x 100	2.0	16.66	19.08	25.44
90 HB 1000 x 100	2.0	18.06	22.30	29.74

HORIZONTAL TEE



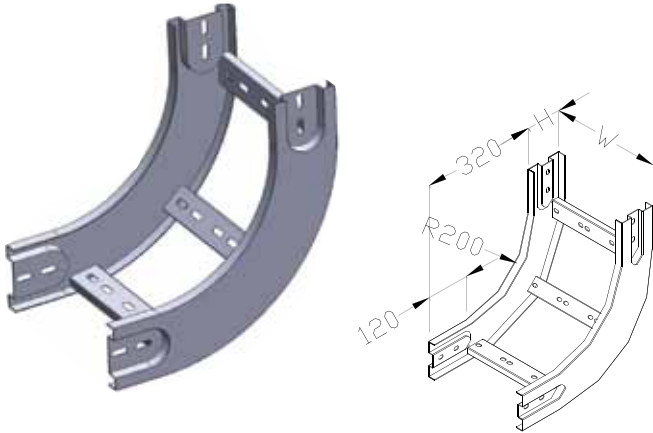
TYPE HT (WxH)	THICKNESS (mm.)	WEIGHT (kg.)		
		FITTING	COVER	
			T=1.6 mm.	T=2.0 mm.
HT 200 x 100	2.0	7.80	4.42	5.88
HT 300 x 100	2.0	9.26	6.45	8.58
HT 400 x 100	2.0	10.41	8.71	11.60
HT 500 x 100	2.0	11.57	11.20	14.94
HT 600 x 100	2.0	18.61	13.94	18.57
HT 700 x 100	2.0	14.92	16.90	22.53
HT 800 x 100	2.0	17.42	20.11	26.80
HT 900 x 100	2.0	18.87	23.54	31.38
HT 1000 x 100	2.0	20.32	27.22	36.28

90° VERTICAL OUTSIDE BEND



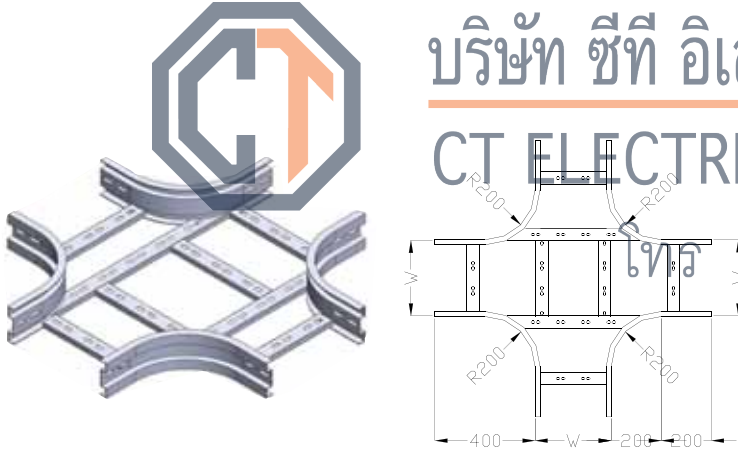
TYPE 90 VO (WxH)	THICKNESS (mm.)	WEIGHT (kg.)		
		FITTING	COVER	
			T=1.6 mm.	T=2.0 mm.
90 VO 200 x 100	2.0	4.92	2.09	2.62
90 VO 300 x 100	2.0	5.37	2.97	3.71
90 VO 400 x 100	2.0	5.82	3.85	4.80
90 VO 500 x 100	2.0	6.27	4.73	5.89
90 VO 600 x 100	2.0	6.72	5.61	6.98
90 VO 700 x 100	2.0	7.17	6.49	8.07
90 VO 800 x 100	2.0	7.62	7.37	9.16
90 VO 900 x 100	2.0	8.07	8.25	10.25
90 VO 1000 x 100	2.0	8.52	9.13	11.34

90° VERTICAL INSIDE BEND



TYPE 90 VI (WxH)	THICKNESS (mm.)	FITTING	WEIGHT (kg.)	
			COVER	
			T=1.6 mm.	T=2.0 mm.
90 VI 200 x 100	2.0	4.92	1.63	2.04
90 VI 300 x 100	2.0	5.37	2.31	2.88
90 VI 400 x 100	2.0	5.82	2.99	3.72
90 VI 500 x 100	2.0	6.27	3.67	4.56
90 VI 600 x 100	2.0	6.72	4.35	5.40
90 VI 700 x 100	2.0	7.17	5.03	6.24
90 VI 800 x 100	2.0	7.62	5.71	7.03
90 VI 900 x 100	2.0	8.07	6.39	7.92
90 VI 1000 x 100	2.0	8.52	7.07	8.76

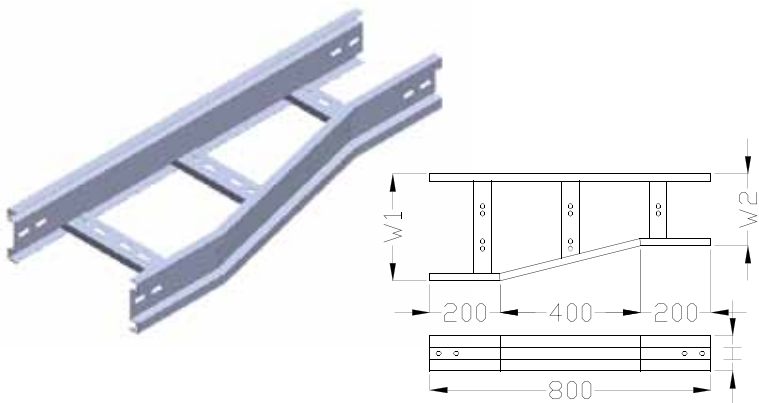
HORIZONTAL CROSS



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TYPE HX (WxH)	THICKNESS (mm.)	FITTING	WEIGHT (kg.)	
			COVER	
			T=1.6 mm.	T=2.0 mm.
HX 200 x 100	2.0	9.45	5.78	8.01
HX 300 x 100	2.0	10.94	8.49	11.31
HX 400 x 100	2.0	12.13	11.20	14.91
HX 500 x 100	2.0	13.33	14.14	18.84
HX 600 x 100	2.0	15.41	17.32	23.08
HX 700 x 100	2.0	16.76	20.73	27.64
HX 800 x 100	2.0	19.29	24.38	32.50
HX 900 x 100	2.0	20.78	28.27	37.68
HX 1000 x 100	2.0	22.27	32.39	43.18

HORIZONTAL REDUCE



TYPE HR (WxH)	THICKNESS (mm.)	FITTING	WEIGHT (kg.)	
			COVER	
			T=1.6 mm.	T=2.0 mm.
HR 300,W2 x 100	2.0	5.34	2.83	3.77
HR 400,W2 x 100	2.0	5.79	3.71	5.02
HR 500,W2 x 100	2.0	6.23	4.71	6.27
HR 600,W2 x 100	2.0	6.68	5.45	7.52
HR 700,W2 x 100	2.0	7.13	6.19	8.77
HR 800,W2 x 100	2.0	7.58	6.93	10.02
HR 900,W2 x 100	2.0	8.03	7.67	11.27
HR 1000,W2 x 100	2.0	8.43	8.41	12.52

FITTING FOR CABLE TRAY

STANDARD ; Refer to BS EN, ASTM, E.I.T, NEMA VE1, ISO

MATERIALS ; Cold Rolled Mild Steel Sheet

Hot Rolled Mild Steel Sheet

Stainless Steel Sheet (VS Type)

FINISHING ; Painting by Electro-Static Spraying

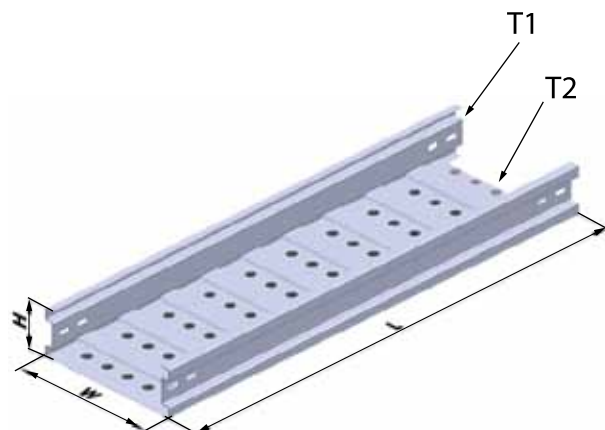
with Epoxy/Polyester Powder Paint

Coating 60-80 µM. Thickness (VP Type)

PRE-TREATMENT Zinc Phosphate

Electroplated Zinc to BSEN 12329

Hot-Dip Galvanized Average 55-65 µM Thickness to ISO 1461 or ASIM A123/A123M (LH Type)



TECHNICAL DATA



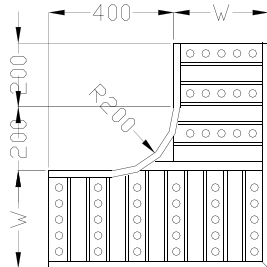
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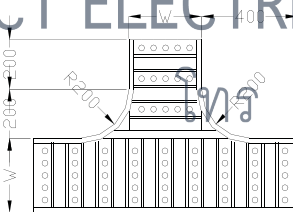
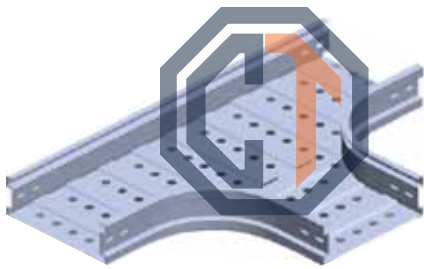
TYPE (WxHxL)	Thickness T1/T2 (mm.)	WEIGHT(kg./m.)			BENDING STRENGTH (kg.)		
		STRAIGHT	Cover		SUPPORT DISTANCE (m.)		
			T=1.6 mm.	T=2.0 mm.	1.5 m.	2.0 m.	3.0 m.
200 x 100 x 2440	1.6/1.2	5.52	2.83	3.77	1205.50	928.00	638.95
300 x 100 x 2440	1.6/1.2	6.34	4.00	5.34	1367.35	1079.95	726.70
400 x 100 x 2440	1.6/1.2	7.16	5.17	6.91	1450.80	1146.15	769.85
500 x 100 x 2440	1.6/1.2	7.98	6.34	8.48	1512.65	1202.10	806.45
600 x 100 x 2440	2.0/1.6	12.55	7.51	10.05	1605.20	1268.11	850.00
700 x 100 x 2440	2.0/1.6	13.78	8.68	11.62	1735.35	1370.90	919.75
800 x 100 x 2440	2.0/1.6	15.01	9.85	13.19	1842.10	1455.50	976.35
900 x 100 x 2440	2.0/1.6	16.24	11.02	14.76	1960.70	1548.95	1039.15
1000 x 100 x 2440	2.0/1.6	17.47	12.19	16.33	2065.20	1631.50	1096.55

90° HORIZONTAL BEND



TYPE 90 HB (WxH)	THICKNESS T1/T2 (mm.)	WEIGHT (kg.)			
		FITTING	COVER		
			T=1.6 mm.	T=2.0 mm.	
90 HB 200 x 100	1.6/1.2	5.79	3.08	4.12	
90 HB 300 x 100	1.6/1.2	7.25	4.66	6.22	
90 HB 400 x 100	1.6/1.2	8.88	6.48	8.64	
90 HB 500 x 100	1.6/1.2	10.68	8.53	11.37	
90 HB 600 x 100	2.0/1.6	17.42	10.81	14.41	
90 HB 700 x 100	2.0/1.6	20.58	13.37	17.77	
90 HB 800 x 100	2.0/1.6	23.98	16.09	21.45	
90 HB 900 x 100	2.0/1.6	27.66	19.08	25.44	
90 HB 1000 x 100	2.0/1.6	31.60	22.30	29.74	

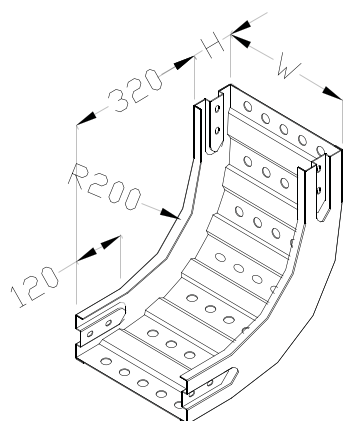
HORIZONTAL TEE



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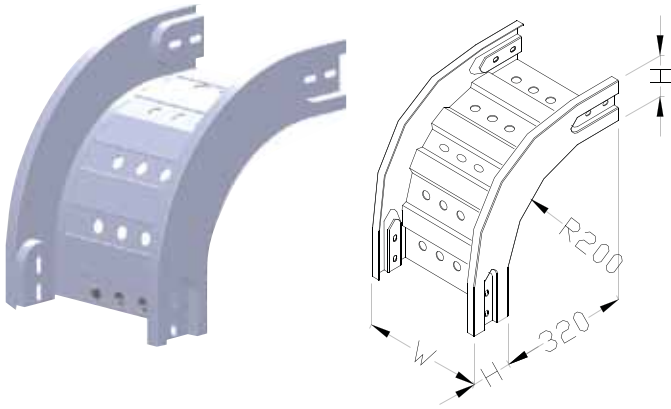
TYPE HT (WxH)	THICKNESS T1/T2 (mm.)	WEIGHT (kg.)			
		FITTING	COVER		
			T=1.6 mm.	T=2.0 mm.	
HT 200 x 100	1.6/1.2	7.91	4.42	5.87	
HT 300 x 100	1.6/1.2	9.55	6.45	8.58	
HT 400 x 100	1.6/1.2	11.40	8.71	19.60	
HT 500 x 100	1.6/1.2	13.45	11.20	14.94	
HT 600 x 100	2.0/1.6	21.30	13.94	22.53	
HT 700 x 100	2.0/1.6	24.96	16.90	22.53	
HT 800 x 100	2.0/1.6	28.93	20.11	26.80	
HT 900 x 100	2.0/1.6	33.21	23.54	31.38	
HT 1000 x 100	2.0/1.6	37.79	27.22	36.28	

90° VERTICAL INSIDE BEND



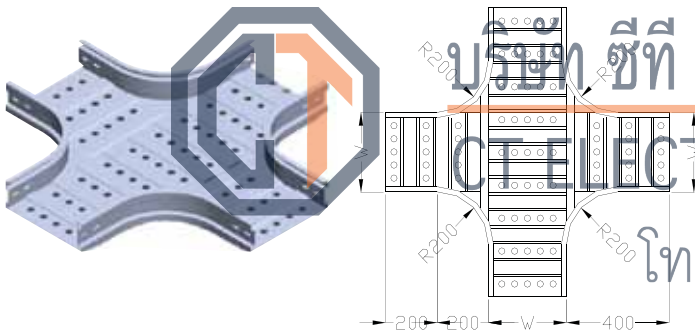
TYPE 90 VI (WxH)	THICKNESS T1/T2 (mm.)	WEIGHT (kg.)			
		FITTING	COVER		
			T=1.6 mm.	T=2.0 mm.	
90 VI 200 x 100	1.6/1.2	5.15	1.63	2.04	
90 VI 300 x 100	1.6/1.2	5.72	2.31	2.88	
90 VI 400 x 100	1.6/1.2	6.29	2.99	3.72	
90 VI 500 x 100	1.6/1.2	6.86	3.67	4.56	
90 VI 600 x 100	2.0/1.6	9.10	4.35	5.40	
90 VI 700 x 100	2.0/1.6	9.95	5.03	6.24	
90 VI 800 x 100	2.0/1.6	10.79	5.71	7.08	
90 VI 900 x 100	2.0/1.6	11.63	6.39	7.92	
90 VI 1000 x 100	2.0/1.6	12.47	7.07	8.76	

90° VERTICAL OUTSIDE BEND



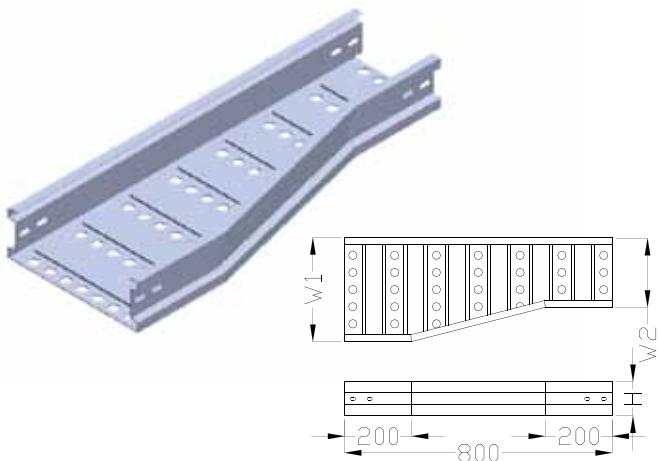
TYPE 90VO (WxH)	THICKNESS T1/T2 (mm.)	WEIGHT (kg.)			
		FITTING	COVER		
			T=1.6 mm.	T=2.0 mm.	
90VO 200 x 100	1.6/1.2	4.90	2.09	2.62	
90VO 300 x 100	1.6/1.2	5.34	2.97	3.71	
90VO 400 x 100	1.6/1.2	5.78	3.85	4.80	
90VO 500 x 100	1.6/1.2	6.22	4.37	5.89	
90VO 600 x 100	2.0/1.6	7.98	5.61	6.98	
90VO 700 x 100	2.0/1.6	8.64	6.49	8.07	
90VO 800 x 100	2.0/1.6	9.30	7.37	9.16	
90VO 900 x 100	2.0/1.6	9.96	8.25	10.25	
90VO 1000 x 100	2.0/1.6	10.62	9.13	11.34	

HORIZONTAL CROSS



TYPE HX (WxH)	THICKNESS T1/T2 (mm.)	WEIGHT (kg.)			
		FITTING	COVER		
			T=1.6 mm.	T=2.0 mm.	
HX 200 x 100	1.6/1.2	10.34	5.78	8.01	
HX 300 x 100	1.6/1.2	12.14	8.49	11.31	
HX 400 x 100	1.6/1.2	14.14	11.20	14.91	
HX 500 x 100	1.6/1.2	16.35	14.14	18.84	
HX 600 x 100	2.0/1.6	24.46	17.32	23.08	
HX 700 x 100	2.0/1.6	28.38	20.73	27.64	
HX 800 x 100	2.0/1.6	32.61	24.38	32.50	
HX 900 x 100	2.0/1.6	37.14	28.27	37.68	
HX 1000 x 100	2.0/1.6	41.98	32.39	43.18	

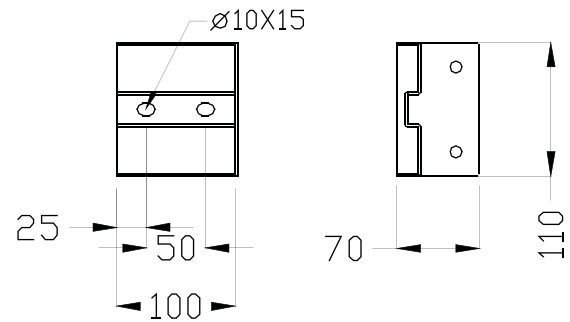
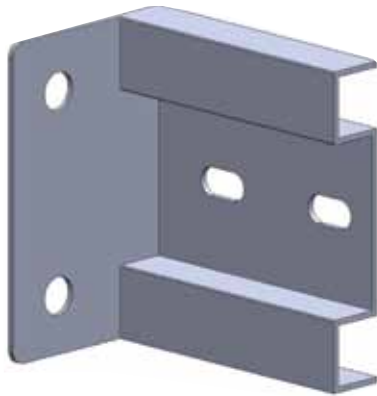
HORIZONTAL REDUCE



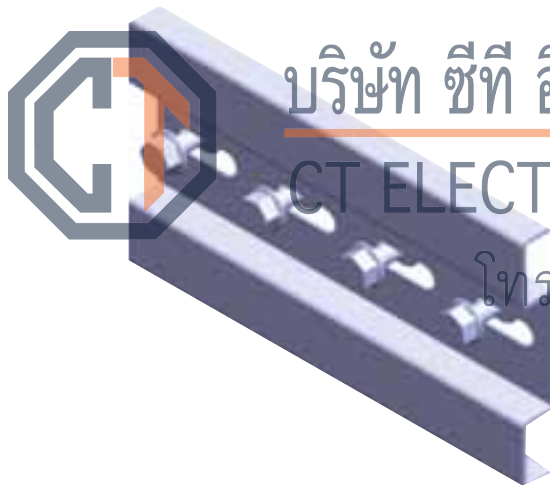
TYPE HR (W1,W2X100)	THICKNESS T1/T2 (mm.)	WEIGHT (kg.)			
		FITTING	COVER		
			T=1.6 mm.	T=2.0 mm.	
HR 300,W2 x 100	1.6/1.2	4.80	2.83	3.77	
HR 400,W2 x 100	1.6/1.2	5.45	3.77	5.02	
HR 500,W2 x 100	1.6/1.2	6.10	4.71	6.27	
HR 600,W2 x 100	2.0/1.6	6.55	5.45	7.52	
HR 700,W2 x 100	2.0/1.6	10.58	6.19	8.77	
HR 800,W2 x 100	2.0/1.6	11.56	6.93	10.02	
HR 900,W2 x 100	2.0/1.6	12.54	7.67	11.27	
HR 1000,W2 x 100	2.0/1.6	13.52	8.41	12.52	

FLANGE END

Accessories

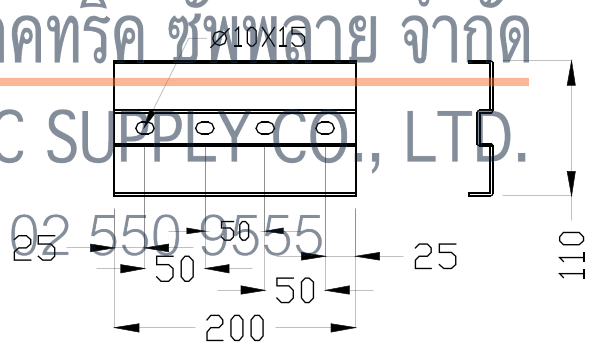


SPLICE PLATE

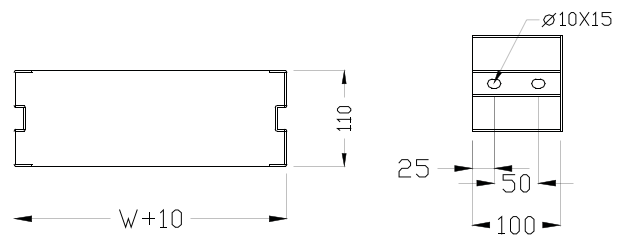
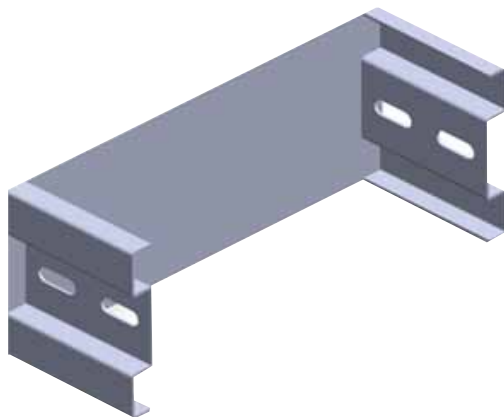


บริษัท ซีที อิเล็กทริก ซัพพลาย จำกัด
CT ELECTRIC SUPPLY CO., LTD.

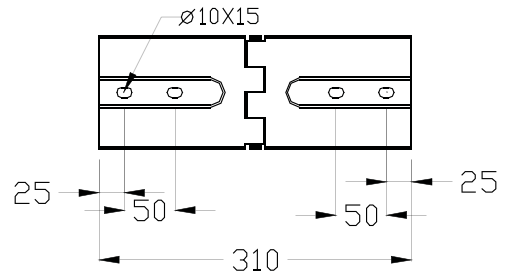
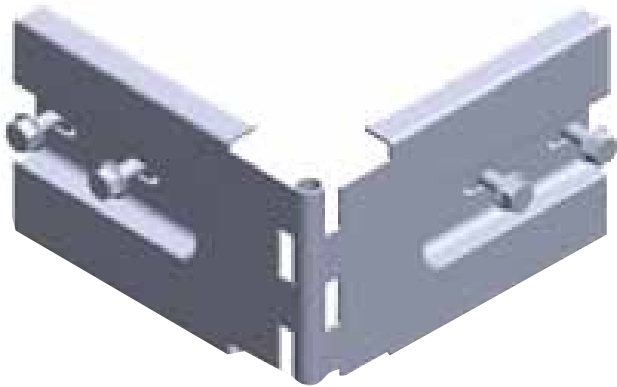
โทร : 02 550 9555



END CAP



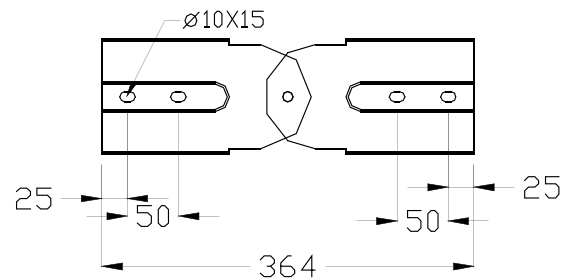
HORIZONTAL ADJUSTABLE



VERTICAL ADJUSTABLE

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โทร : 02 550 9555



STEEL WIREWAY WITH COVER

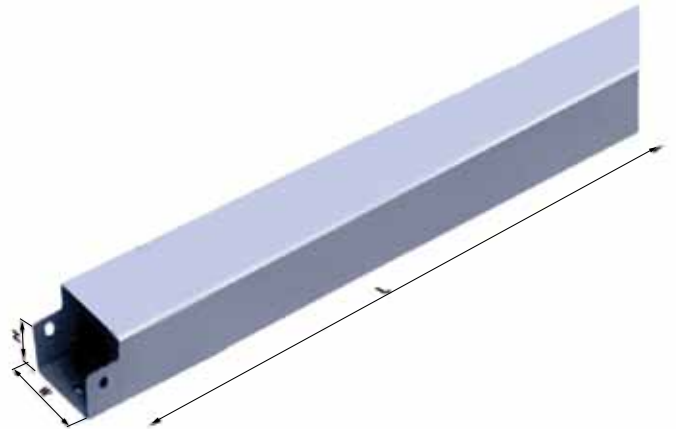
STANDARD ; Refer to BS EN, ASTM, E.I.T, NEMA VE1, ISO

- MATERIALS** ; Cold Rolled Mild Steel Sheet
 Hot Rolled Mild Steel Sheet
 Galvanized Steel Sheet (WG Type)
 Aluzinc Steel Sheet (WAL Type)
 Stainless Steel Sheet (VS Type)

FINISHING ; Painting by Electro-Static Spraying
 with Epoxy/Polyester Powder Paint
 Coating 60-80 μM. Thickness (VP Type)

- PRE-TREATMENT** Zinc Phosphate
 Electroplated Zinc to BSEN 12329 (WEP Type)

Hot-Dip Galvanized Average 55-65 μM Thickness to ASTM A123/A123M (WH Type)

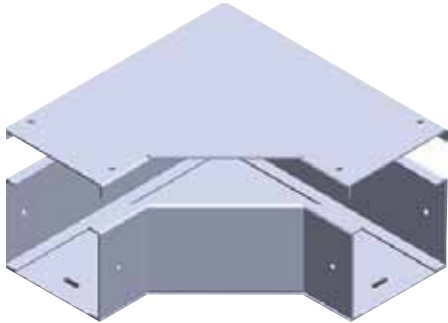


TECHNICAL DATA

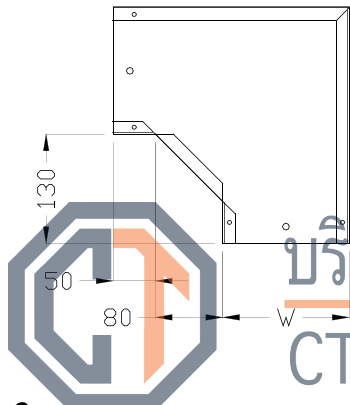
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 CT ELECTRIC SUPPLY CO., LTD.

TYPE (W x H x L)	BENDING STRENGTH (Kg.)											
	STEEL SHEET THICKNESS (mm.)											
	1.0			1.2			1.6			2.0		
	WEIGHT (Kg./m.)	S.D.(m.)		WEIGHT (Kg./m.)	S.D.(m.)		WEIGHT (Kg./m.)	S.D.(m.)		WEIGHT (Kg./m.)	S.D.(m.)	
	1.5	2.0		1.5	2.0		1.5	2.0		1.5	2.0	
75 x 50 x 2440	2.37	276.55	221.25	2.85	370.50	296.40	3.56	583.35	452.20	4.74	906.80	687.80
100 x 50 x 2440	2.76	318.25	254.60	3.32	408.50	326.80	4.15	632.10	490.00	5.53	971.85	725.50
100 x 75 x 2440	3.16	349.50	277.40	3.79	463.35	369.35	4.73	695.30	539.00	6.31	1009.20	767.60
100 x 100 x 2440	3.55	387.00	305.00	4.26	500.80	395.20	5.32	749.95	581.35	7.10	1067.45	798.75
150 x 100 x 2440	4.33	395.00	334.40	5.20	562.00	443.70	6.33	796.30	627.00	8.78	1105.85	817.70
200 x 100 x 2440	5.12	418.00	357.20	6.14	602.15	477.90	7.68	852.95	661.20	10.24	1197.65	921.30
250 x 100 x 2440	-	-	-	7.08	645.17	514.70	8.86	884.90	696.80	11.81	1265.50	980.40
300 x 100 x 2440	-	-	-	8.02	690.97	554.88	10.04	930.85	743.65	13.38	1326.10	1012.50
350 x 100 x 2440	-	-	-	8.96	736.77	595.06	11.22	987.45	785.40	14.95	1377.45	1067.80
400 x 100 x 2440	-	-	-	9.9	782.57	635.24	12.40	1046.35	823.90	16.52	1419.95	1113.40
450 x 100 x 2440	-	-	-	10.84	828.37	675.42	13.58	1076.20	847.40	18.09	1482.60	1128.50
500 x 100 x 2440	-	-	-	-	-	-	14.76	1134.80	900.00	19.66	1530.70	1188.00

90° HORIZONTAL BEND WITH COVER



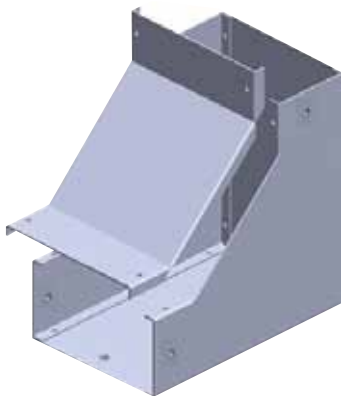
TYPE 90 HB (WxH)	WEIGHT (kg.)			
	THICKNESS (mm.)			
	1.0	1.2	1.6	2.0
90 HB 75 x 50	0.35	0.42	0.56	0.70
90 HB 100 x 50	0.43	0.52	0.69	0.86
90 HB 100 x 75	0.58	0.70	0.93	1.16
90 HB 100 x 100	0.69	0.83	1.10	1.38
90 HB 150 x 100	0.96	1.15	1.51	1.89
90 HB 200 x 100	1.24	1.49	1.98	2.48
90 HB 250 x 100	-	1.89	2.52	3.15
90 HB 300 x 100	-	2.33	3.11	3.89
90 HB 350 x 100	-	-	3.77	4.72
90 HB 400 x 100	-	-	4.49	5.62
90 HB 450 x 100	-	-	5.28	6.60
90 HB 500 x 100	-	-	6.14	7.66



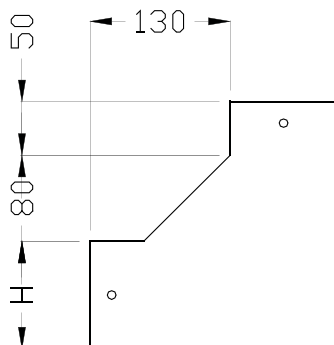
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CT ELECTRIC SUPPLY CO., LTD.

90° VERTICAL INSIDE BEND WITH COVER

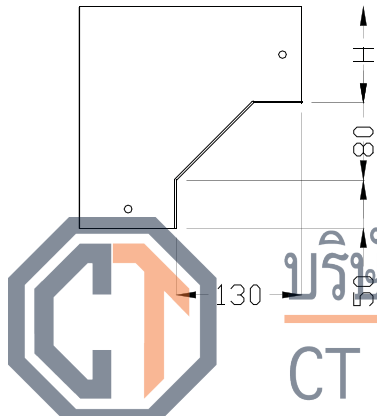
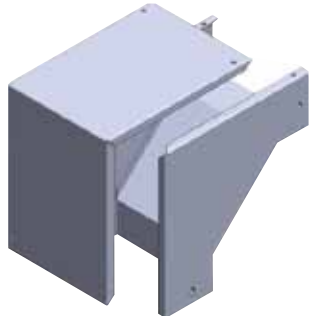
โทร : 02 550 9555



TYPE 90 VI (WxH)	WEIGHT (kg.)			
	THICKNESS (mm.)			
	1.0	1.2	1.6	2.0
90 VI 75 x 50	0.70	0.84	1.13	1.49
90 VI 100 x 50	0.82	0.98	1.31	1.64
90 VI 100 x 75	1.13	1.36	1.80	2.23
90 VI 100 x 100	1.35	1.62	2.17	2.71
90 VI 150 x 100	1.62	1.94	2.60	3.35
90 VI 200 x 100	1.89	2.27	3.03	3.79
90 VI 250 x 100	-	2.60	3.46	4.33
90 VI 300 x 100	-	2.91	3.90	4.87
90 VI 350 x 100	-	-	4.33	5.42
90 VI 400 x 100	-	-	4.96	5.96
90 VI 450 x 100	-	-	5.20	6.50
90 VI 500 x 100	-	-	5.63	7.04



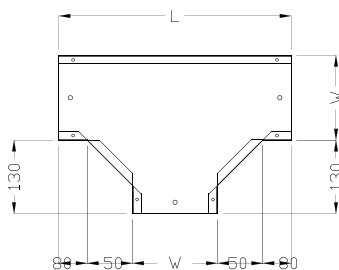
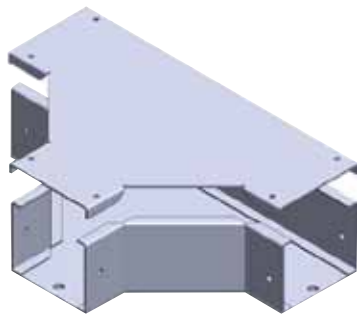
90° VERTICAL OUTSIDE BEND WITH COVER



TYPE 90 VO (WxH)	WEIGHT (kg.)			
	THICKNESS (mm.)			
	1.0	1.2	1.6	2.0
90 VO 75 x 50	0.70	0.84	1.13	1.49
90 VO 100 x 50	0.82	0.98	1.31	1.64
90 VO 100 x 75	1.13	1.36	1.80	2.25
90 VO 100 x 100	1.35	1.62	2.17	2.71
90 VO 150 x 100	1.62	1.94	2.60	3.35
90 VO 200 x 100	1.89	2.27	3.03	3.79
90 VO 250 x 100	-	2.60	3.46	4.33
90 VO 300 x 100	-	2.91	3.90	4.87
90 VO 350 x 100	-	-	4.33	5.42
90 VO 400 x 100	-	-	4.76	5.96
90 VO 450 x 100	-	-	5.20	6.50
90 VO 500 x 100	-	-	5.63	7.04

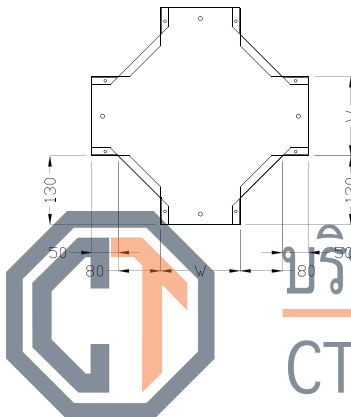
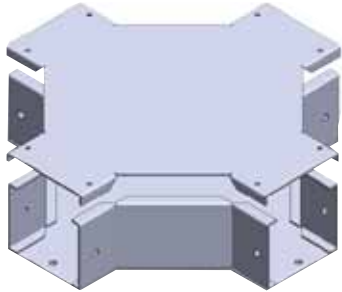
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CT ELECTRIC SUPPLY CO., LTD.
HORIZONTAL TEE WITH COVER

โทร : 02 550 9555



TYPE HT (WxH)	WEIGHT (kg.)			
	THICKNESS (mm.)			
	1.0	1.2	1.6	2.0
HT 75 X 50	1.31	1.57	2.09	2.62
HT 100 X 50	1.55	1.87	2.48	3.10
HT 100 X 75	1.76	2.11	2.82	3.53
HT 100 X 100	1.94	2.33	3.10	3.87
HT 150 X 100	2.49	2.99	3.99	4.98
HT 200 X 100	3.12	3.74	4.99	6.25
HT 250 X 100	-	4.50	6.00	7.50
HT 300 X 100	-	5.44	7.25	9.08
HT 350 X 100	-	-	8.65	10.84
HT 400 X 100	-	-	10.16	12.70
HT 450 X 100	-	-	11.80	14.75
HT 500 X 100	-	-	13.57	16.96

HORIZONTAL CROSS WITH COVER



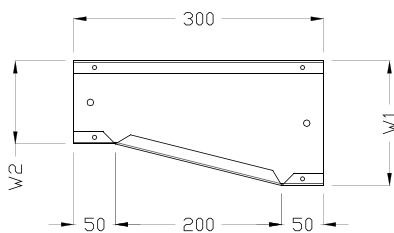
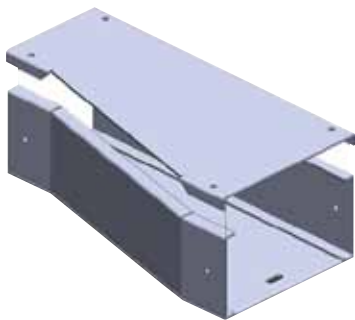
TYPE HX (WxH)	WEIGHT (kg.)			
	THICKNESS (mm.)			
	1.0	1.2	1.6	2.0
HX 75 X 50	1.80	2.16	2.88	3.60
HX 100 X 50	2.08	2.50	3.32	4.15
HX 100 X 75	2.37	2.84	3.79	4.74
HX 100 X 100	2.57	3.08	4.11	5.14
HX 150 X 100	3.18	3.82	5.08	6.35
HX 200 X 100	3.86	4.65	6.17	7.72
HX 250 X 100	-	5.35	7.13	8.91
HX 300 X 100	-	6.35	8.47	10.59
HX 350 X 100	-	-	9.94	12.43
HX 400 X 100	-	-	11.54	14.42
HX 450 X 100	-	-	13.26	16.57
HX 500 X 100	-	-	15.16	18.88

บริษัท ซีที อิเล็กทริก ซัพพลาย จำกัด

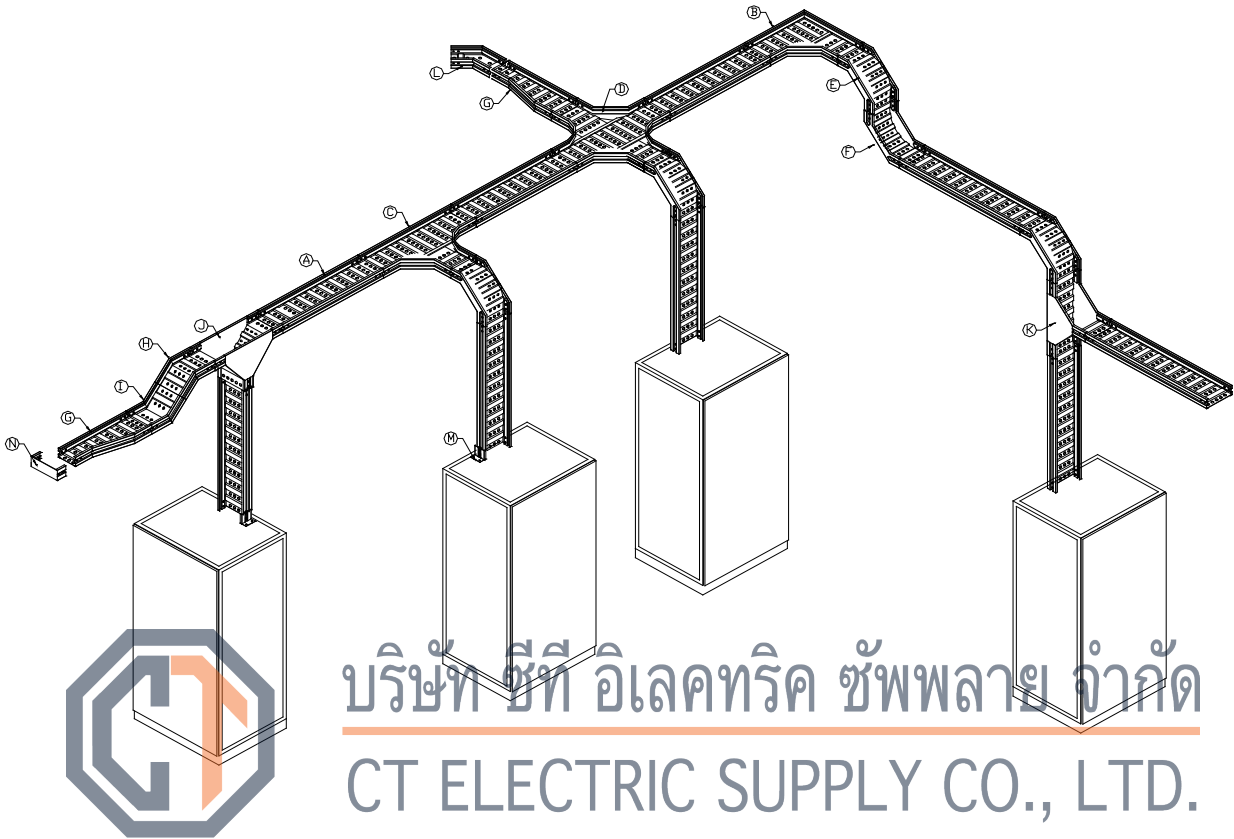
CT ELECTRIC SUPPLY CO., LTD.

HORIZONTAL REDUCE WITH COVER

โทร : 02 550 9555



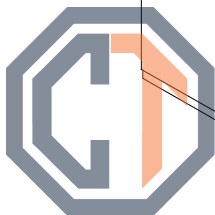
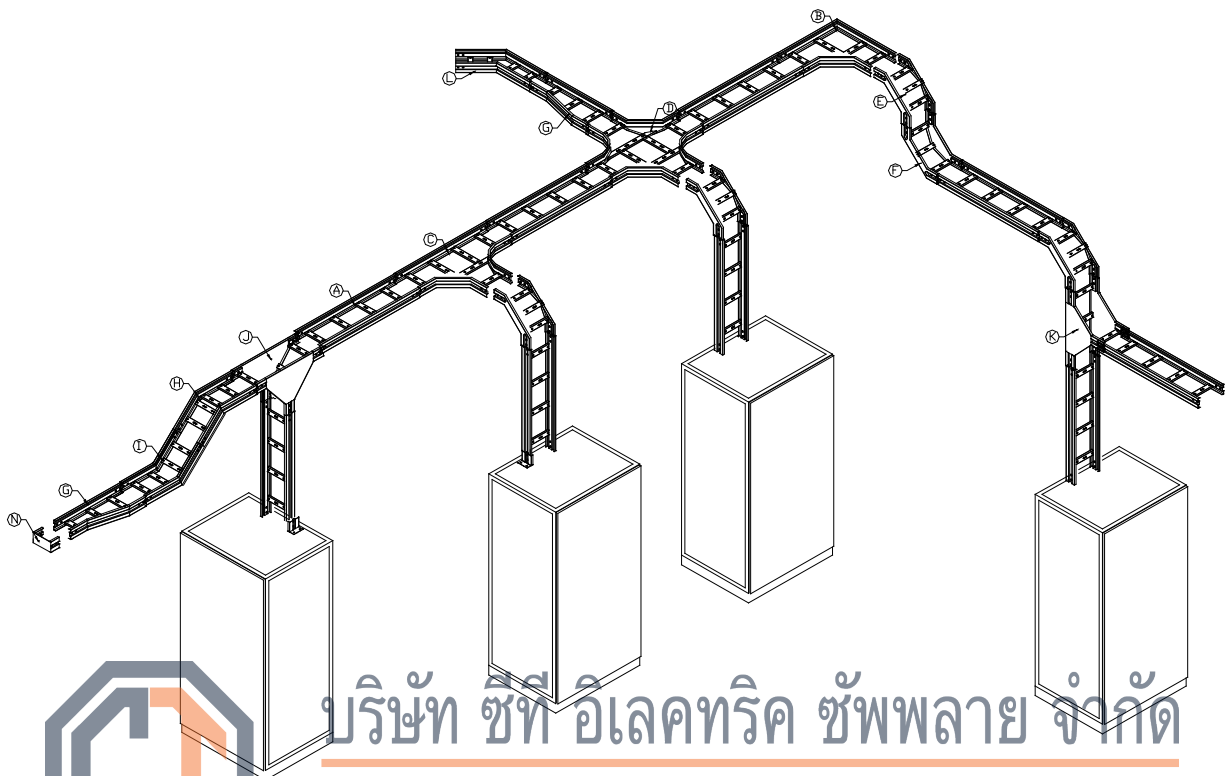
TYPE HR (WxH)	WEIGHT (kg.)			
	THICKNESS (mm.)			
	1.0	1.2	1.6	2.0
HR 100, 75 X 50	0.54	0.65	0.81	1.08
HR 150, 100 X 100	0.85	1.02	1.28	1.70
HR 200, W2 X 100	1.00	1.20	1.50	2.00
HR 250, W2 X 100	-	1.31	1.75	2.33
HR 300, W2 X 100	-	1.50	2.00	2.66
HR 350, W2 X 100	-	-	2.25	2.99
HR 400, W2 X 100	-	-	2.50	3.52
HR 450, W2 X 100	-	-	2.75	3.61
HR 500, W2 X 100	-	-	3.00	3.97



บริษัท ซีที อิเล็กทริค ซัพพลาย จำกัด
CT ELECTRIC SUPPLY CO., LTD.

โทร : 02 550 9555

ITEM	SPECIFICATION
(A)	STEEL CABLE TRAY
(B)	90° HORIZONTAL BEND
(C)	HORIZONTAL TEE
(D)	HORIZONTAL CROSS
(E)	90° VERTICAL OUTSIDE BEND
(F)	90° VERTICAL INSIDE BEND
(G)	HORIZONTAL REDUCE
(H)	45° VERTICAL OUTSIDE BEND
(I)	45° VERTICAL INSIDE BEND
(J)	VERTICAL TEE BEND
(K)	VERTICAL TEE BEND
(L)	45° HORIZONTAL BEND
(M)	FLANG END
(N)	END CAP

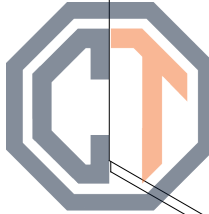
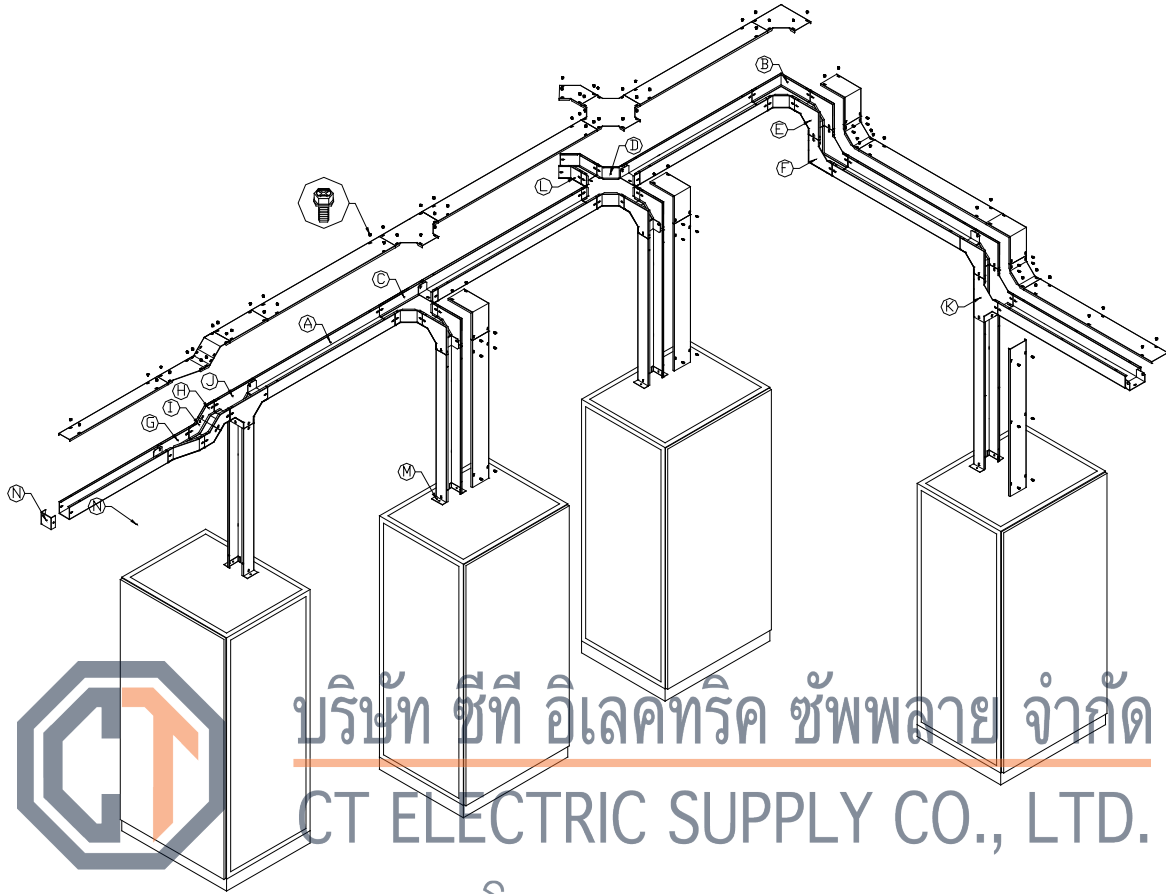


บริษัท ซีที อิเล็กทริก ซัพพลาย จำกัด

CT ELECTRIC SUPPLY CO., LTD.

โทร : 02 550 9555

ITEM	SPECIFICATION
(A)	STEEL CABLE LADDER
(B)	90° HORIZONTAL BEND
(C)	HORIZONTAL TEE
(D)	HORIZONTAL CROSS
(E)	90° VERTICAL OUTSIDE BEND
(F)	90° VERTICAL INSIDE BEND
(G)	HORIZONTAL REDUCE
(H)	45° VERTICAL OUTSIDE BEND
(I)	45° VERTICAL INSIDE BEND
(J)	VERTICAL TEE BEND
(K)	VERTICAL TEE BEND
(L)	45° HORIZONTAL BEND
(M)	FLANG END
(N)	END CAP



บริษัท ซีที อิเล็กทริก ซัพพลาย จำกัด
 CT ELECTRIC SUPPLY CO., LTD.

โทร : 02 550 9555

ITEM	SPECIFICATION
(A)	STEEL WIREWAY WITH COVER
(B)	90° HORIZONTAL BEND WITH COVER
(C)	HORIZONTAL TEE WITH COVER
(D)	HORIZONTAL CROSS WITH COVER
(E)	90° VERTICAL OUTSIDE BEND WITH COVER
(F)	90° VERTICAL INSIDE BEND WITH COVER
(G)	HORIZONTAL REDUCE WITH COVER
(H)	45° VERTICAL OUTSIDE BEND WITH COVER
(I)	45° VERTICAL INSIDE BEND WITH COVER
(J)	VERTICAL TEE BEND WITH COVER
(K)	VERTICAL TEE BEND WITH COVER
(L)	45° HORIZONTAL BEND WITH COVER
(M)	FLANG END
(N)	END CAP

TIC ELECTRIC CORPORATION CO., LTD

Service

SERVICE & MAINTENANCE



THERMOGRAPHY



POWER MEASURING & HARMONICS



COPPER BUSBAR INSPECTION NUT, BOLT, SCREW



SWITCHBOARD CLEANING



CIRCUIT BREAKER INSPECTION



CAPACITOR INSPECTION



INSULATOR INSPECTION



BUSBAR SUPPORT INSPECTION



BREAKER CLEANING

TIC Provides service and maintenance around the clock! 24 hours 7 days a week

บริษัท ซีที อีเลคทริก ซัพพลาย จำกัด
 CT ELECTRIC SUPPLY CO., LTD.
 โทร : 02-550 9555

Quality Assurance & Quality Control

TIC's QC team is the backbone of the perfect product delivery. Their attention and focus on detail assures high safety, power efficiency and a long lasting product with minimal or no downtime.

Quality, QA / QC

Quality Control

Routine Test

According to IEC 60439-1 Standard

1. Wiring, electrical operation (by inspection and test)
2. Insulation (Dielectric test)
3. Protective measures
4. Insulation resistance

Type Test and Partially Type Test

According to IEC 60439-1 standard

(By 3rd party)

1. Temperature rise limits
2. Dielectric properties
3. Short circuit withstand strength
4. Effectiveness of the protective circuit
5. Clearance and creepage distance
6. Mechanical operation

7. Degree of protection

8. All service and products provided to the following industrials are designed, Built or installed per the client's specifications and or drawings. Our warranties cover "Doing the job in a workmanship manner and in accordance to IEC standard specific to the project or product".

9. All products fabricated and assembled in our shop are custom made per the client's directions.

10. Service control company does not provide standard manufactured products of its own design except for enclosures fabricated to IEC 60439-1 enclosure standards.

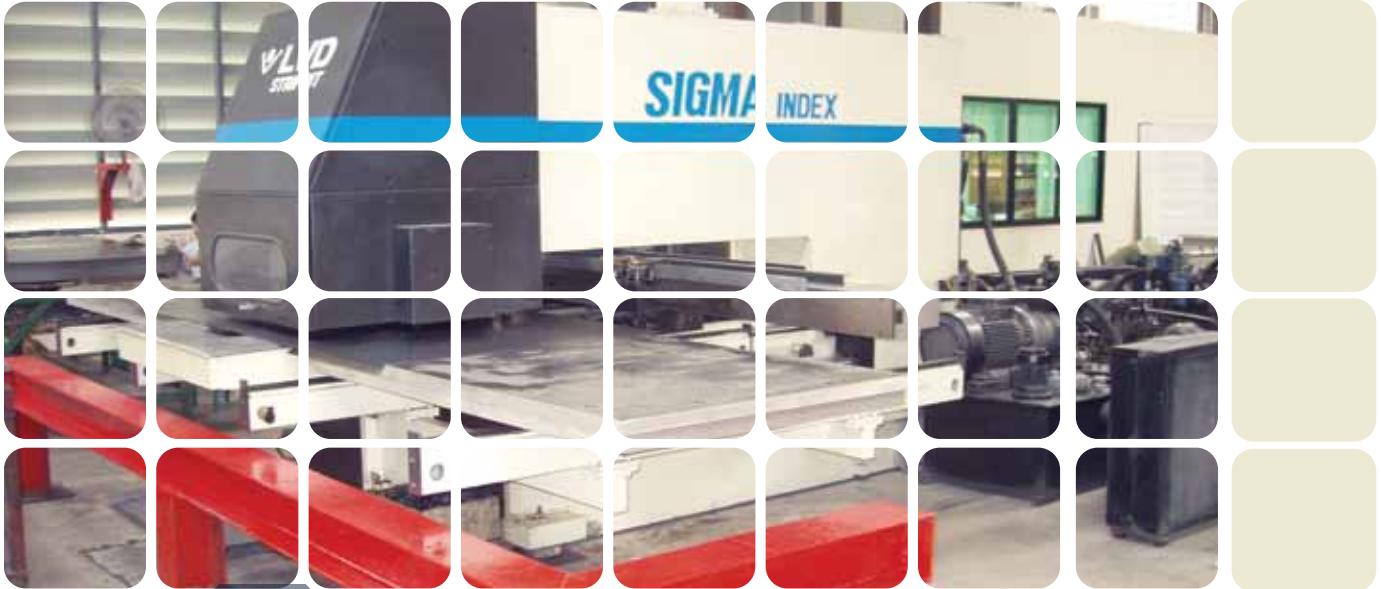
Service & Maintenance



TIC Provides service and maintenance around the clock! 24 hours 7 days a week

บริษัท ซีที อีเลกทริค ซัพพลาย จำกัด
CT ELECTRIC SUPPLY CO., LTD
 โทร : 02-550 9555

Quality Craftsmanship!



บริษัท ซีที อิเล็กทริก ซัพพลาย จำกัด **CNC Machine**



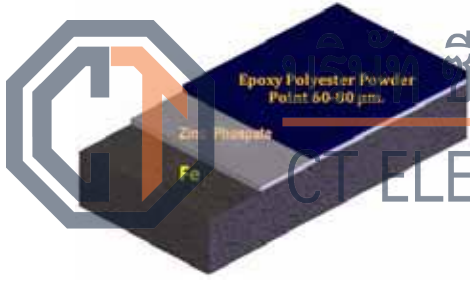
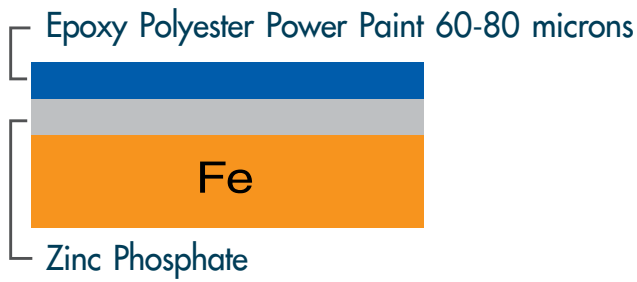
CT ELECTRIC SUPPLY CO., LTD.

Workshop facilities are modern and highly automated, using CNC and MNC machines offering exact precision likeness from the requested design.
โทร : 02-550-9555



Cable tray systems and Paneling are constructed of BS standard sheet steel and surfaces are painted with and EPOXY/POLYESTER POWDER COAT for protection against corrosion.

Automatic Electrostatic Powder Paint



บริษัท อิเล็กทริก ซัพพลาย จำกัด
 CT ELECTRIC SUPPLY CO., LTD

โทร : 02 550 9555

PROPERTIES	STANDARD	EPOXY-POLYESTER(M)
Film thickness(micron)		Avg. 60-80
Impact resistance(kg.-cm.)	ASTM D2794(5/8'bal)	Over 60 kg.-cm
Erichsen test (mm.)	ISO 1520	6 mm.
Bend test (mm.)	ISO 1519	6 mm.
Pencil hardness	ASTM 3363	Over H
Adhesion	ISO 2409	Gt 0 (No loss of adhesion)
Weather resistance		Little of no (chalking)
Heat resistance		Good
Corrosion protecion (zinc phosphated steel)	Salt spray 1500 h. (ASTM B 117)	Rust and Blister should be with in 2 mm.x line
Density (kg/dm ³)		1.20-1.70

EPOXY POLYESTER POWDER COATING is a thermosetting powder coating based on epoxy and polyester resin (hybrid system) offering many gloss levels (5-100%), good flow, good over bake resistance, good resistance to water and detergents and ultra-violet resistance.

Epoxy-polyester coatings provide hard film surfaces. They adhere better to most metal surface, and cover edges and recessed areas more uniformly since they employ the electrostatic spraying system. Epoxy-polyester powder coatings do not produce pin holes or solvent blisters since there is no solvent evaporation during the baking process.

Certificates & Licensing



ISO 9001:2008



VDE Testing and Certification Institute

Type-Tested and partially type-tested Assemblies according to IEC 60439-1 (Edition 4.1, 2004-04)



TIS 1436-2540 IEC 60439-1:1999 EN 60439-1:1999

TIS 1436-2540

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TIC ELECTRIC SUPPLY CO., LTD.

โทร : 02 550 9555

Project References 2014-2013



Life Ratchadapisek



Sansiri



Okura Prestige

บริษัท ซีที อิเล็กทริก จำกัด จากัด
CT ELECTRIC SUPPLY CO., LTD.



nnu.5 (EE)



อาคารหอพักนิสิตหลังใหม่ ม.จุฬา



The Salaya



CNC INTERNATIONAL



Baxter



Thai Beverage New Can Line #3



CNC INTERNATIONAL



**ระบบขนส่งมวลชน
กรุงเทพ สีม S11,S12**

Project references



บริษัท ซีที อีเลคทริค ซัพพลาย จำกัด
C.T. ELECTRIC SUPPLY CO. LTD.
โทร : 02 550 9555

PTT data center



Thai Tobacco



KCE New Factory

Project References 2013– 2010



Siam Paragon



Red Bull



Siam Niramit



Beer Chang



Platinum Shopping Mall



Suyarnabhumi

บริษัท ซีที อีเลคทริค จำกัด
CT ELECTRIC SUPPLY CO., LTD.



Siam Ocean



Tesco Lotus



SCG Chemical