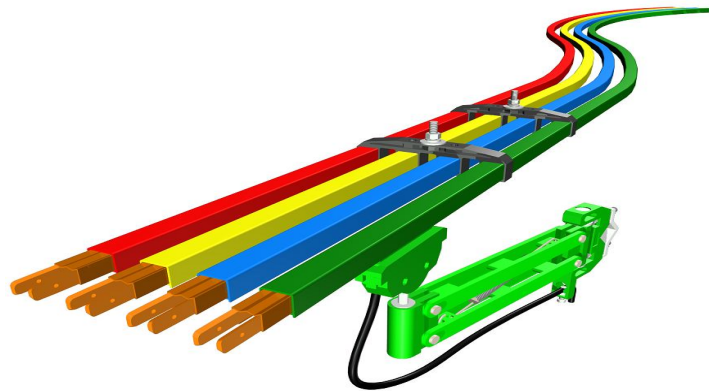
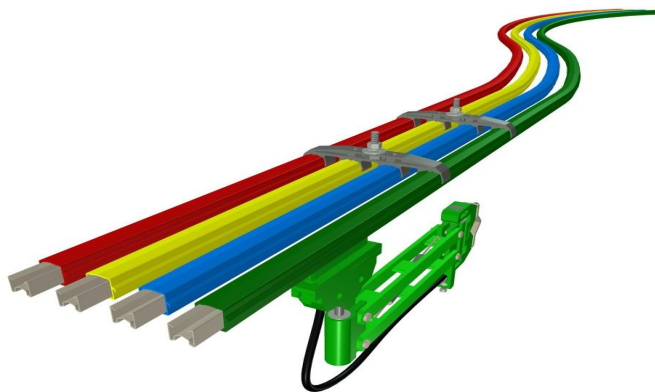
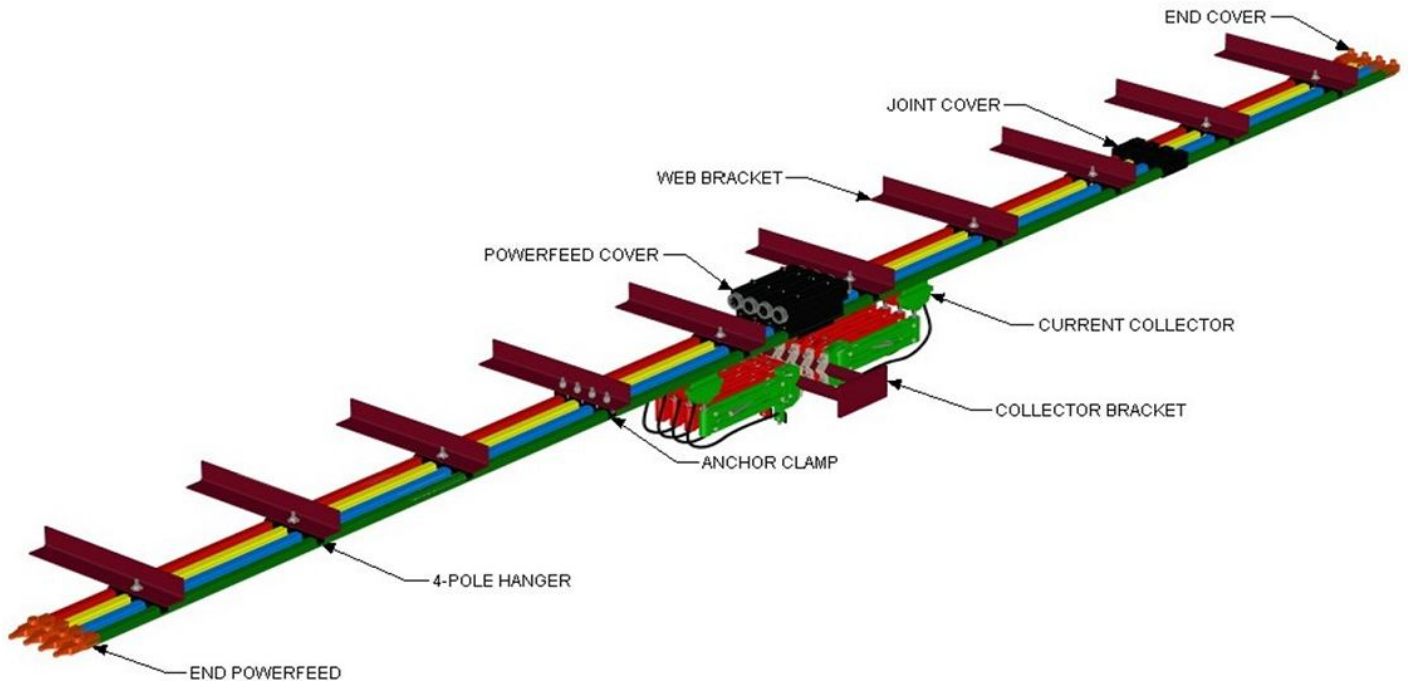


# SHROUDED BUS BAR SYSTEM FOR CRANE & MOUVING MACHINERIES



Manufacturer by:

**CMK ELECTRO POWER PVT.LTD.**

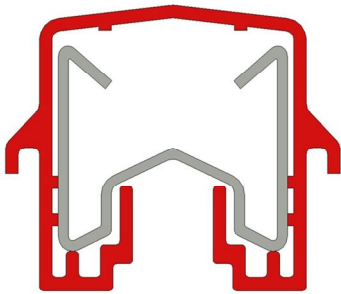
"cmk electropower house", Sorathiya Park-2, Nr. Bapashitaram Chowk, Mavdi  
bypass Road, Rajkot-360004, Gujarat (INDIA)

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# BOLTED JOINT SHROUDED BUSBAR SYSTEM



## TECHNICAL DATA

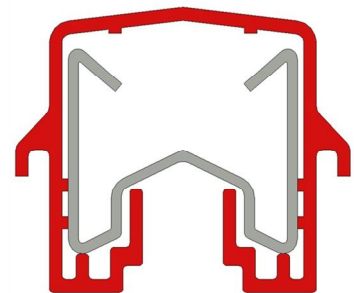
### GALVANISED STEEL CONDUCTOR BAR

CONDUCTOR BAR	GALVANISED STEEL		
TYPE	WG60	WG100	WG125
Nominal Current at 100 % and 35 ° C	60 Amps	100 Amps	125 Amps
Cross Sectional Area.	50 mm <sup>2</sup>	63 mm <sup>2</sup>	93 mm <sup>2</sup>
DC Resistance R at +35° C [ $\Omega$ /m]	0.003584	0.002867	0.001933
Impedance Z at 43mm spacing & +35° C [ $\Omega$ /m]	0.003604	0.002891	0.001968

## TECHNICAL DATA

### COPPER CONDUCTOR BAR

CONDUCTOR BAR	COPPER		
TYPE	WC160	WC250	WC400
Nominal Current at 100 % and 35 ° C	160 Amps	250 Amps	400 Amps
Cross Sectional Area.	50 mm <sup>2</sup>	63 mm <sup>2</sup>	93 mm <sup>2</sup>
DC Resistance R at +35° C [ $\Omega$ /m]	0.000342	0.000274	0.000184
Impedance Z at 43mm spacing & +35° C [ $\Omega$ /m]	0.000364	0.000300	0.000221



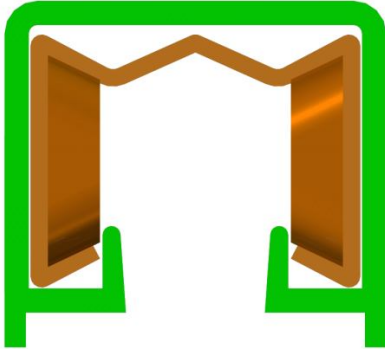
## TECHNICAL DATA

### ALUMINIUM/STAINLESS STEEL CONDUCTOR BAR

CONDUCTOR BAR	ALUMINIUM/STAINLESS STEEL	
TYPE	WA200	WA315
Nominal Current at 100 % and 35 ° C	200 Amps	315 Amps
Cross Sectional Area.	104 mm <sup>2</sup>	120 mm <sup>2</sup>
DC Resistance R at +35° C [ $\Omega$ /m]	0.000301	0.000261
Impedance Z at 43mm spacing & +35° C [ $\Omega$ /m]	0.000325	0.000288

# PIN JOINT SHROUDED BUSBAR SYSTEM

## TECHNICAL DATA



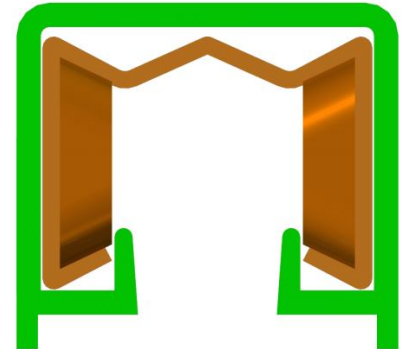
### GALVANISED STEEL CONDUCTOR BAR

CONDUCTOR BAR	GALVANISED STEEL		
	MG60	MG100	MG125
TYPE	MG60	MG100	MG125
Nominal Current at 100 % and 35 ° C	60 Amps	100 Amps	125 Amps
Cross Sectional Area.	50 mm <sup>2</sup>	63 mm <sup>2</sup>	93 mm <sup>2</sup>
DC Resistance R at +35° C [ $\Omega$ /m]	0.003584	0.002867	0.001933
Impedance Z at 43mm spacing & +35° C [ $\Omega$ /m]	0.003604	0.002891	0.001968

## TECHNICAL DATA

### COPPER CONDUCTOR BAR

CONDUCTOR BAR	COPPER		
	MC160	MC250	MC315
TYPE	MC160	MC250	MC315
Nominal Current at 100 % and 35 ° C	160 Amps	250 Amps	315 Amps
Cross Sectional Area.	50 mm <sup>2</sup>	63 mm <sup>2</sup>	78 mm <sup>2</sup>
DC Resistance R at +35° C [ $\Omega$ /m]	0.000342	0.000274	0.000209
Impedance Z at 43mm spacing & +35° C [ $\Omega$ /m]	0.000364	0.000300	0.000224

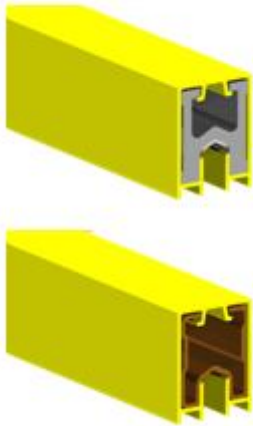


## FEATURES

- DESIGN TO LATEST STANDARDS FOR MORE SAFETY.
- INSULATED CONDUCTORS ARE TOUCH PROOF.
- NO EXPOSED LIVE PARTS TO CONTACT.
- QUICK AND EASY INSTALLATION .
- AVAILABLE WITH MANY TRACK CONFIGURATIONS .
- 60 TO 315 AMPS CONDUCTOR IN SAME STANDARD.



# HEAVY CONDUCTOR BUSBAR SYSTEM



## TECHNICAL DATA

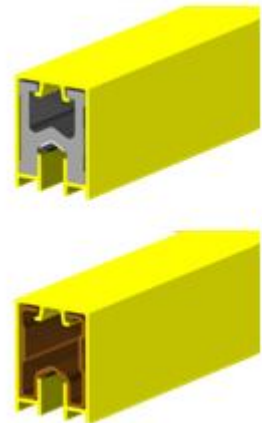
### ALUMINIUM/ STAINLESS STEEL CONDUCTOR BAR

CONDUCTOR BAR	ALUMINIUM/ STAINLESS STEEL		
TYPE	VA500	VA800	VA1000
Nominal Current at 100 % and 35 ° C	500 Amps	800 Amps	1000 Amps
Conductor Cross Sectional Area (cm <sup>2</sup> )	1.90	3.20	3.80
DC Resistance R at +35° C [ $\Omega$ /m]	0.000097	0.000074	0.000051
Impedance Z at 43mm spacing & +35° C [ $\Omega$ /m]	0.000157	0.000144	0.000137

## TECHNICAL DATA

### COPPER CONDUCTOR BAR

CONDUCTOR BAR	COPPER				
TYPE	VC500	VC800	VC1000	VC1250	VC2000
Nominal Current at 100 % and 35 ° C	500 Amps	800 Amps	1000 Amps	1250 Amps	2000 Amps
Conductor Cross Sectional Area (cm <sup>2</sup> )	1.16	1.86	2.38	2.98	4.8
DC Resistance R at +35° C [ $\Omega$ /m]	0.000104	0.000057	0.000033	0.000022	0.000011
Impedance Z at 43mm spacing & +35° C [ $\Omega$ /m]	0.000161	0.000136	0.000127	0.000094	0.000061



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