

#### **ZENN HRB SDN BHD**

Company Registration No: 710220-U

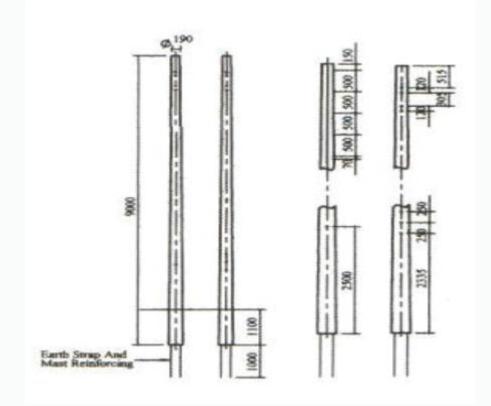


# Malaysia Railway Poles

Our specially constructed railway poles are approved under the stringent standards set by Malaysia Railway and Balfour Beatty Ansaldo Systems JV Sdn Bhd and also act as structured masts for the stringing of catenary conductors



### **Structural Details**



Pole Marking	Length (L)		Top Diameter (d <sub>o</sub> )		Bottom Diameter (D <sub>0</sub> )		Height of Bearing Point (I1)		Height of Bearing Point (I <sub>2</sub> )		Design Load (P)		Design Bending Moment (P X I <sub>2</sub> )		Nominal Weight	
	m	ft	cm	in	cm	in	m	Ft	m	ft	kg	lbs	kg m	ft.lbs	kg	lbs
9-19-4085	9	29.5	19	7 <sup>1</sup> / <sub>2</sub>	31	12 <sup>1</sup> / <sub>4</sub>	1.1	3.6	7.65	25	534	1177	4085	29550	750	1654
9-22-7650	9	29.5	22	8 <sup>11</sup> / <sub>16</sub>	34	13 <sup>1</sup> / <sub>4</sub>	1.1	3.6	7.65	25	1000	2205	7650	55330	1120	2470
9.5-22-5102	9.5	31.1	22	8 <sup>11</sup> / <sub>16</sub>	34.7	13½	1.1	3.6	8.15	26.7	626	1380	5102	36900	910	2007
11.5-30-15308	11.5	37.6	30	113⁄4	45.3	173/4	1.5	4.9	9.75	32	1570	3462	15308	110700	2060	4542
12.5-30-16329	12.5	40.9	30	113⁄4	46.7	18¼/4	1.5	4.9	10.75	35.3	1519	3349	16329	118000	2290	5049
13.5-30-18365	13.5	44.2	30	113⁄4	48	183⁄4	1.5	4.9	11.75	38.5	1563	3346	18365	132900	2540	5601

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#### Office

Lot 139494, Kawasan Perindustrian Pengkalan Pegoh, Jalan Pengkalan, Lahat, 31500, Ipoh, Perak



Certified to ISO 9001:2015 Cert. No. QMS 03310

