

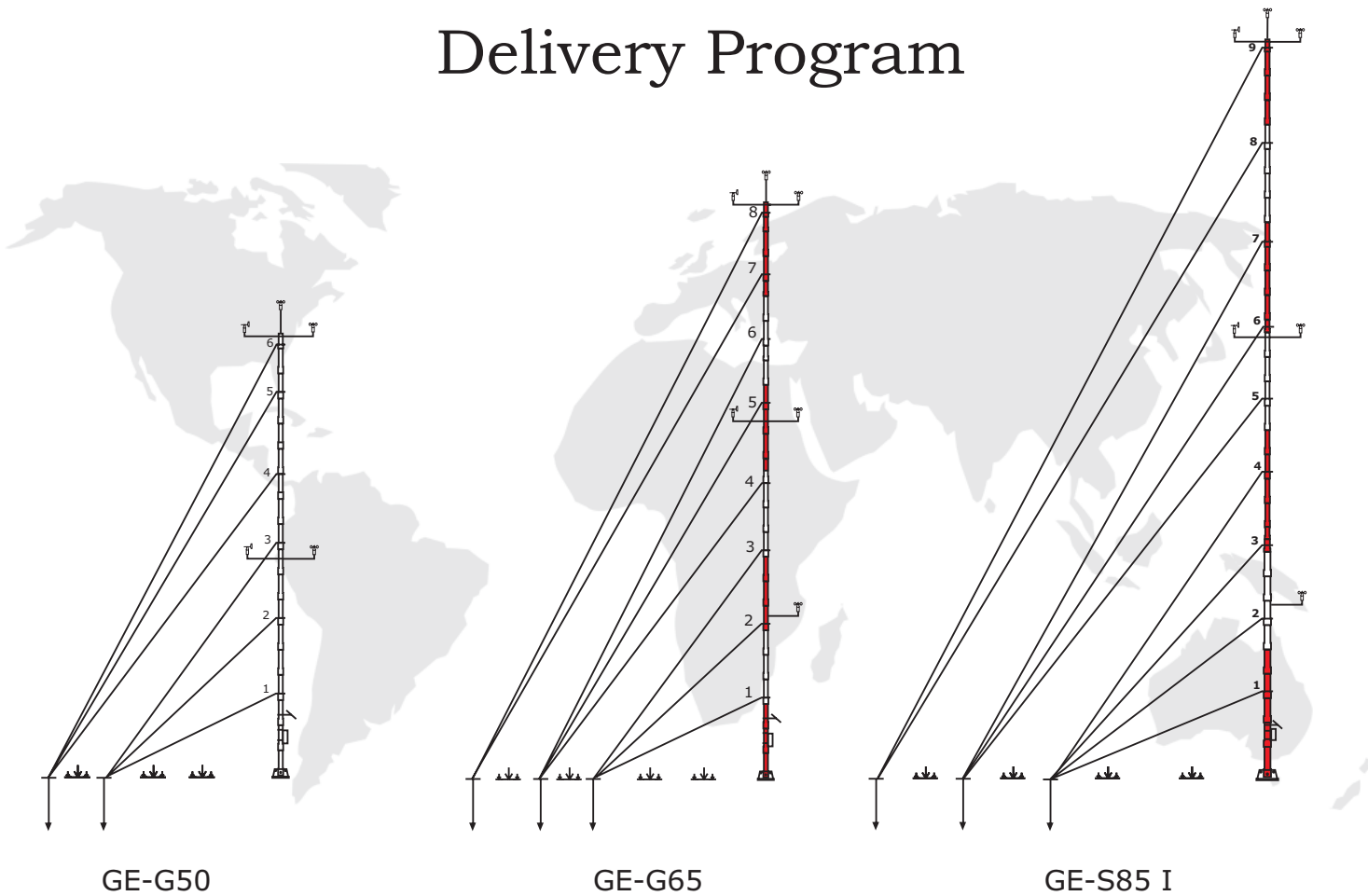


Meteo Towers and Measurementsystems



- Delivery and Installation of Meteo Towers worldwide
- modular Concept, same diameter up to a height of 65m
- Measurement Campaigns all over the world
- Sensors and Measurement System
- Individual delivery, Mounting, Commissioning: turnkey!

Delivery Program



Main Tower	Unit	GE-G50	GE-G60	GE-G65	GE-S75 I	GE-S85 I
Height	m	49,3	59,1	64,7	74,5	84,3 m
v _{max}	m/s	52	52	52	52	52
v _{max,Ice}	m/s	41	35	35	30	30
Concrete Foundation	--	no need	no need	usually not	no need	usually not
Mounting Team	pers.	2-3	2-3	3-4	3-4	3-5
Duration of Mounting	days	1-1,5	1,5-2	1,5-2	2-2,5	2,5-3
Tubeweight μ_{max} .	kg	30	30	30	48	48
Total Weight	kg	860	1080	1210	1585	1825
Anchor Force x (v _{max})	kN	12,3	15,0	13,0	12,3	17,6
Anchor Force z (v _{max})	kN	15,7	19,0	17,1	16,7	22,6
Base Force (v _{max})	kN	68,4	95	105	119,2	132,9
Spec. Base Force (v _{max})	kN/m ²	143	198	219	145	161
Gin Pole						
Description		GP40+	GP60+	GP60+	GP75	GP85
Weight	kg	135	167	167	410	465
Height A	m	11,4	14,2	14,2	19,9	22,7
max. Winchload A	kN	30,3	31,5	37,9	17,9	29,3
max. Anchorload A (horiz.)	kN	21,9	22,7	27,2	12,9	21,1
max. Anchorload A (vert.)	kN	20,9	21,9	26,3	14,5	20,4
Height B	m				14,2	14,2
max. Winchload B	kN				15,2	28,0
max. Anchorload B (horiz.)	kN				10,9	20,1
max. Anchorload B (vert.)	kN				10,6	19,5