BORNAY WIND 13 + TOWER REQUIREMENTS

When customer supply their own towers for the installation of a Wind 13 + wind turbine, this tower should meet at least the following requirements:

- **Tower Height:** Recommended high 12 m (40 ft) 
  7 m (23 ft) minimum and 18 m (60 ft) maximum

- **Wind Speed design:** 55 m/s (123 mph)

- **Turbine Weight:** 41 kgs (90 lbs)

- **Max. Thrust Load:** 1030 N (230 lbs) @ 55 m/s (123 mph)

- **Blade Clearance:** 20 cm (8 in)
  See page 34 of the Owner’s Manual

- **Stiffness:** Tower top should not deflect more than 15 cm (6 in) 
  @ 55 m/s (123 mph) Turbine

- **Mounting:** Flange, tube welded.
  Tube diameter: 80 mm (3.15 in) Outside Ø
  Flange draw.

For more information regarding Bornay Wind 13 + wind turbine installation, please refer to Owner's Manual, contact your distributor or Bornay Sales dpt.