



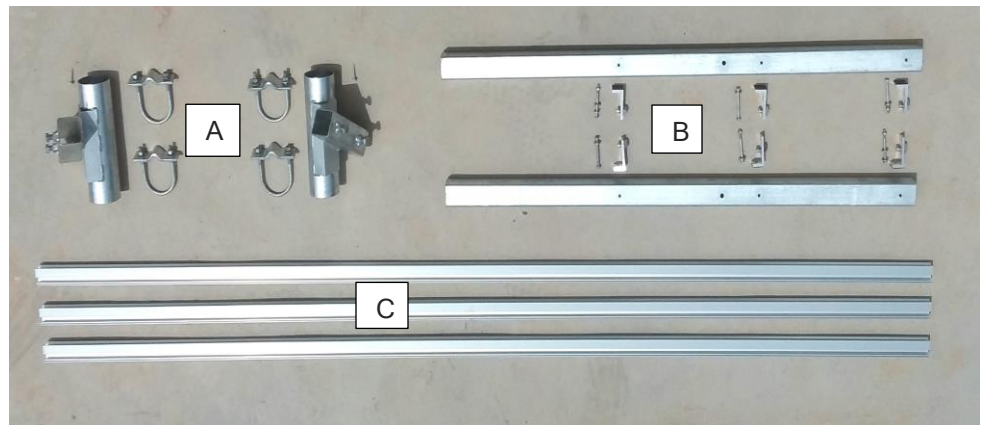
Adapt-a-Mill Installation Guide AM3



This system provides a platform for three solar panels (up to 1650mm × 1000mm) to be attached to an existing windmill tower. It is suitable for three and four post towers and comprises two tubular housing heads which fasten inside two of the windmill tower's legs. From these extend main rails upon which aluminium L-feet and Eco-rails are attached to complete the framework.

Components

- A) Housing heads and U-bolt assemblies
- B) Main rails, L-feet, Z-clamps and M8 bolts
- C) Aluminium Eco-rails.

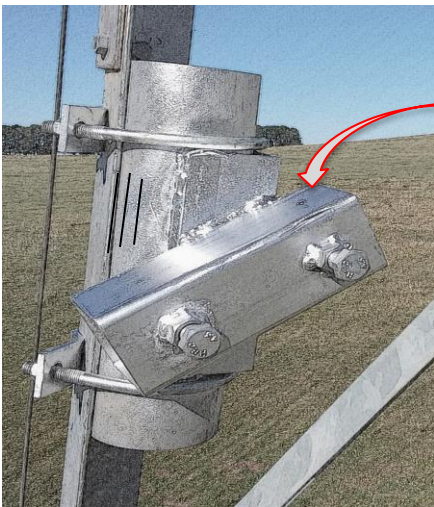
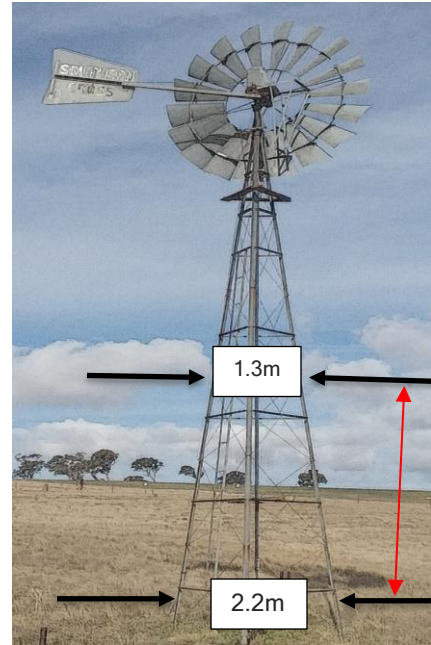


Tools Required



- Tape measure
- Adjustable wrench
- 6mm allen key
- Tek screw driver

- 1) Ensure windmill tower is structurally adequate and free of loose objects.
- 2) Select the most suitable tower face for maximum sun exposure.
- 3) Select a height for positioning the 2 housing heads. This height should be somewhere between an outer tower width of 1.3m - 2.2m. (see diagram)

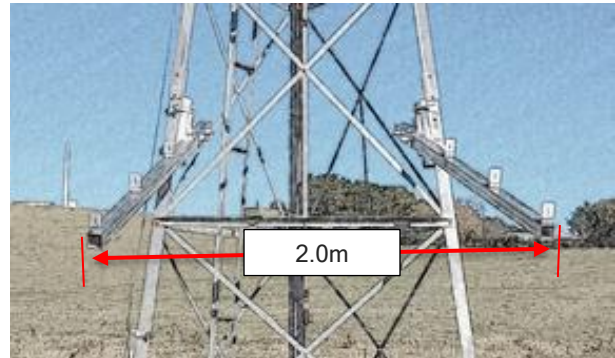


- 4) Position the left and right housing heads (locking screw hole at the top) inside the two tower legs at the selected height. Tighten the U-bolts through the V-plates (2 for each head). Indicator lines enable the heads to be symmetrically positioned.

- 5) Using the M8 bolts, fasten the 6 L-feet into the 2 main rails.



6) Insert the main rails into the housing heads, leaving an equal distance (approx. 1350mm) extending before tightening the housing head bolts. The main rails should diverge to an outer width of 2.0m. To adjust, loosen the U-bolts and rotate the head as needed before re-tightening.



7) Ensure all bolts are tightened and locking Tek screws fastened into housing heads.



8) Align the L-feet and attach the aluminium Eco-rails using Z-clamps.

Frame is complete and ready for solar panels.

