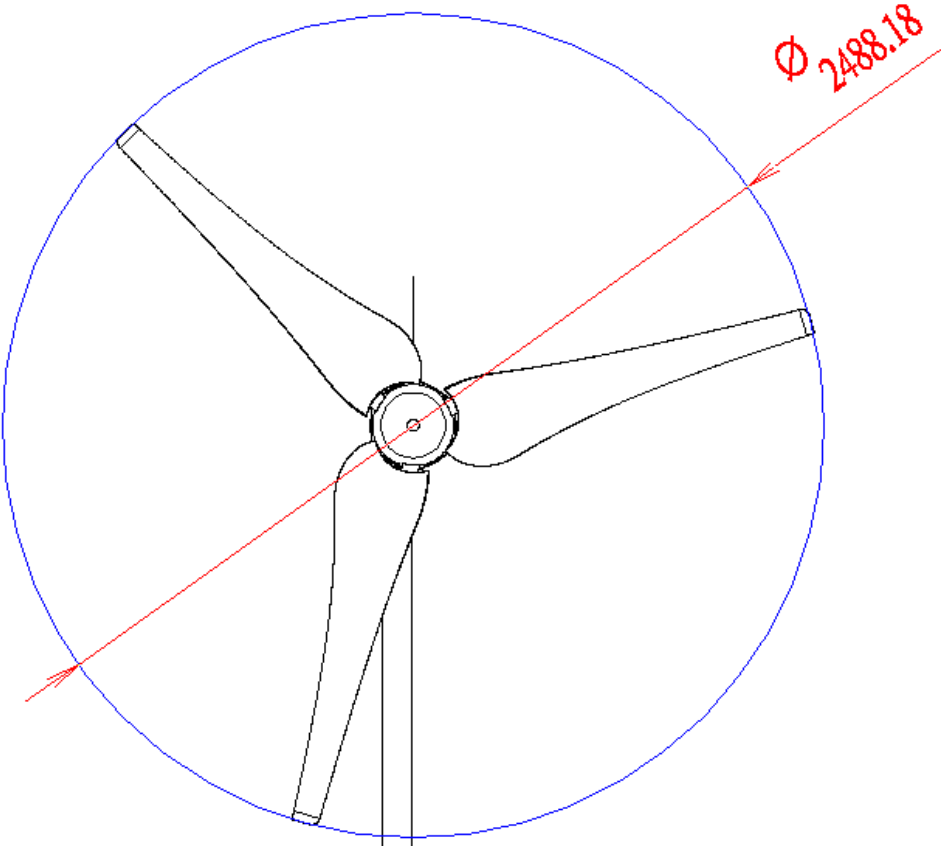
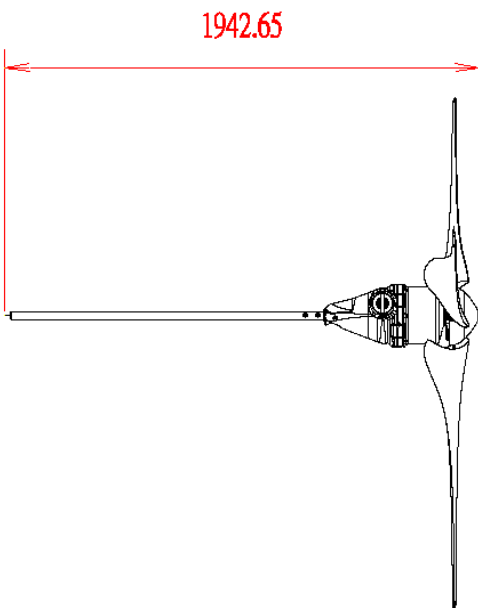
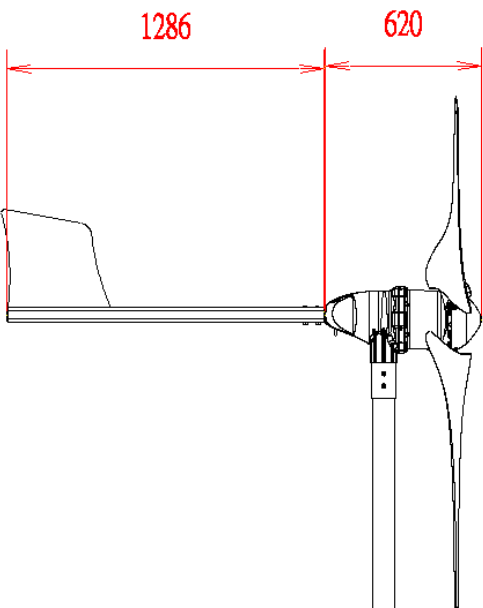


Dimensions Keith\_2K wind turbine

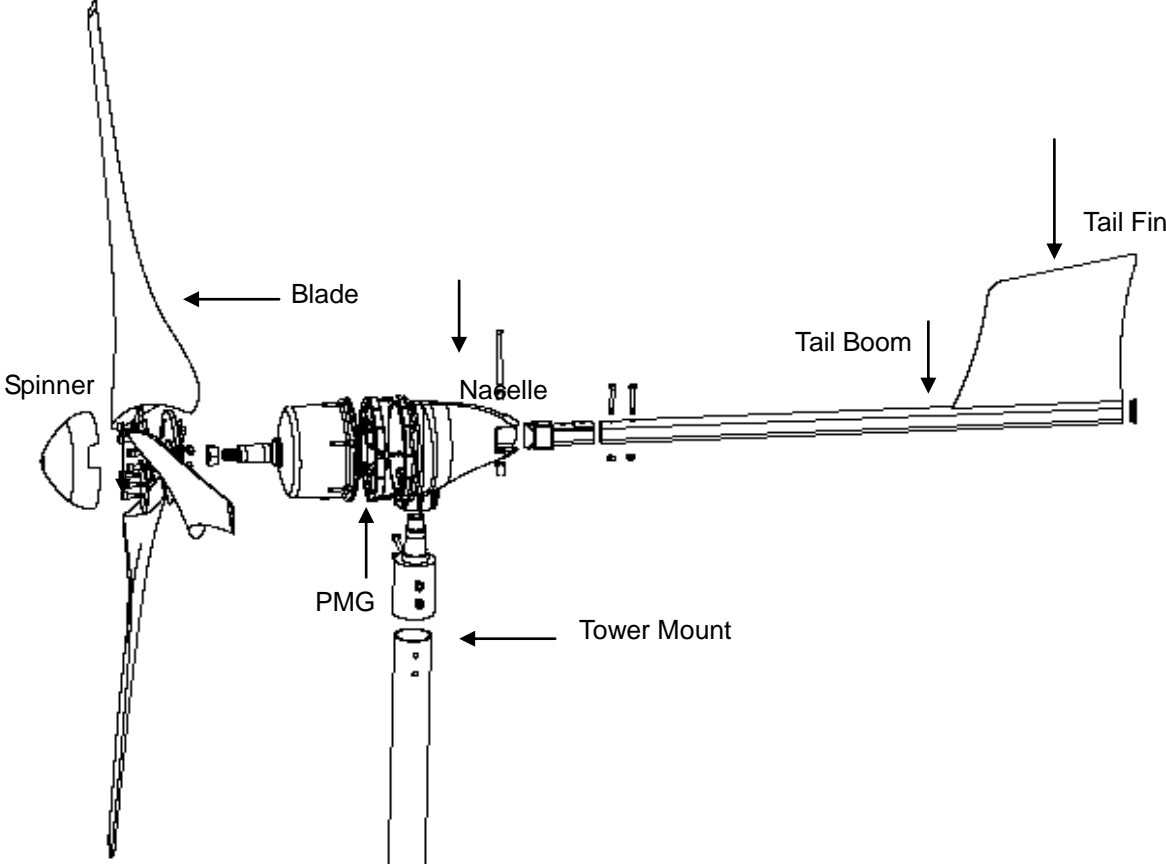


A = (Swept Area) = 4.79164686 m<sup>2</sup> D (diameter) = 2,48818 meter



All dimensions in mm.

Mechanical Assembly Drawing



- Screw- thread on main shaft M30 x 3.5 pitch
- Center of gravity location is the Tower Mount of the windturbine

(Exploded view of Keith\_2K)

## Tower mount adapter

The tower mount attaches Keith\_2K wind turbine system to the top of the tower through the tower mount adapter. Dimensions of the tower mount adapter is shown in the figure 1.

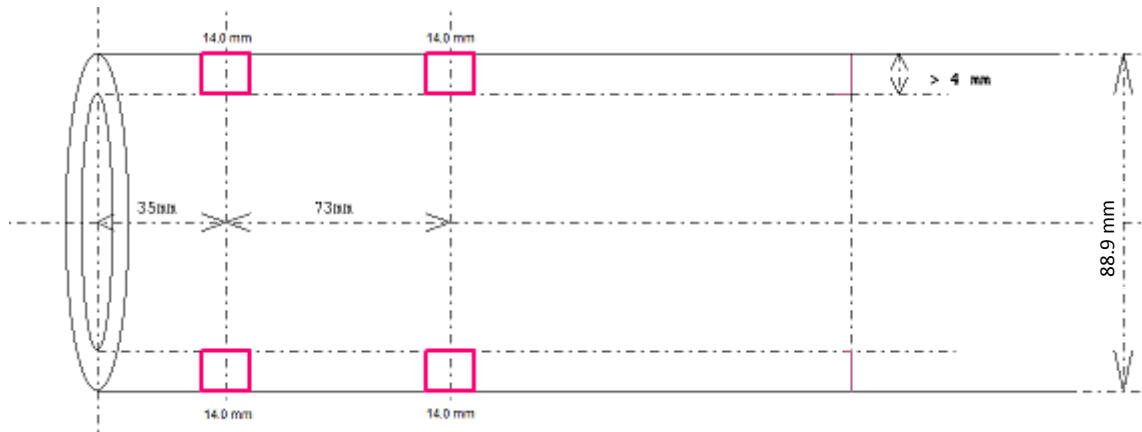
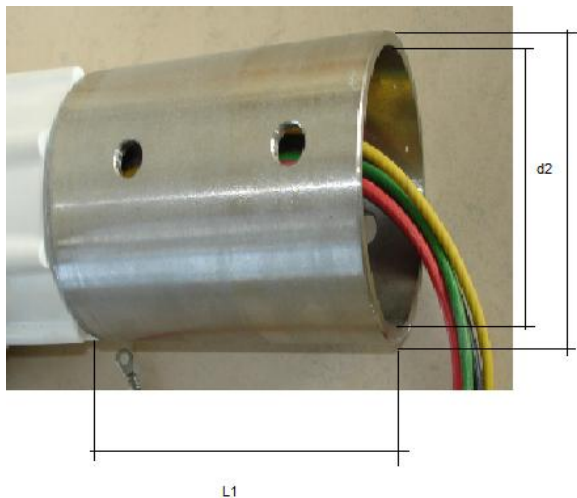


Figure 1

### Specification of mount adapter:

- Diameter of steel tube:  $D = \text{Ø} 88.9 \text{ mm}$
- Thickness of steel tube:  $> 4 \text{ mm}$
- 4 holes of  $\text{Ø} 14 \text{ mm}$  to connect on tower



Tube Outer dimension:	$D1 = 100 \text{ mm}$
Tube internal dimension:	$d2 = 89.7 \text{ mm}$
Internal length:	$L1 = 138 \text{ mm}$