



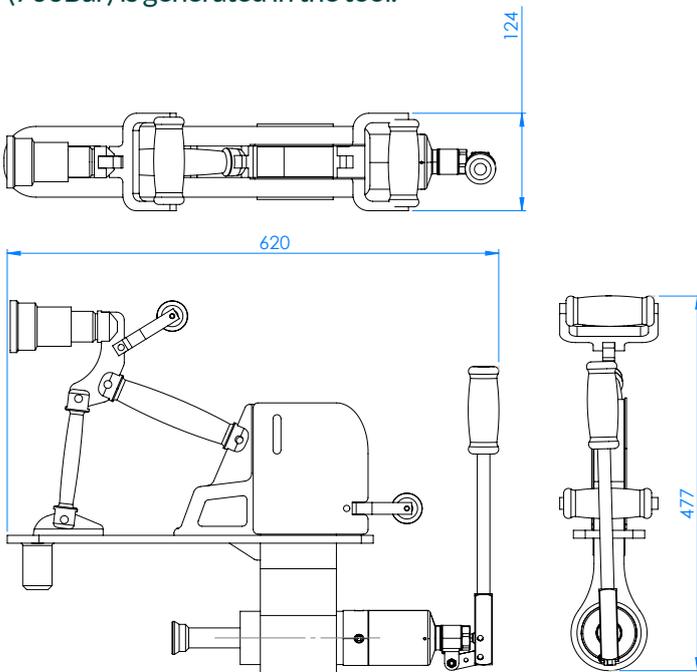
RHINO-24P

Hydraulic Flange Alignment Tool

The RHINO-24P is a Hydraulic flange alignment tool designed for large flanges on the inside of wind turbine towers during their assembly or installation and is used to correct:

- **Bolt-hole misalignment** (when the tower sections of the turbine towers are not Axially aligned).
- **De-ovalizing** (when the flanges are not truly concentric to the axis of the tower due to deformation or manufacturing tolerances).

The RHINO-24P can produce a maximum reaction alignment force of 238kN when the maximum hydraulic pressure of 10,000psi (700Bar) is generated in the tool.



- Tool weight 21Kg
- No external anchor points or rigging required.
- Can be used to prevent misalignment during flange joint maintenance or wind turbine tower assembly or installation.
- 100% Load/Pressure tested and certified.
- Adjustable Wing and Drop Leg to increase application range.
- Prevents gasket pinching during flange joint assembly.
- High durability High Quality low Maintenance design.
- Supplied with internal PRV for safety.
- Robust Moulded Case for easy transportation and storage.
- Twin Lifting Handles with Comfort Grips for ease of handling.



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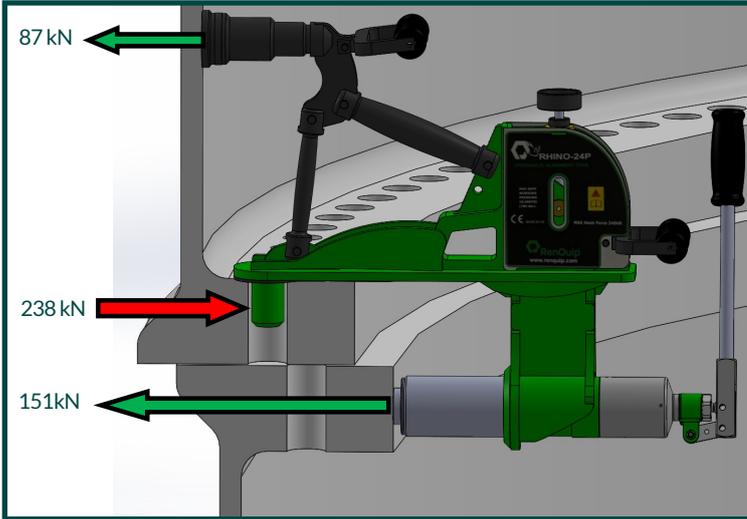
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RHINO-24P

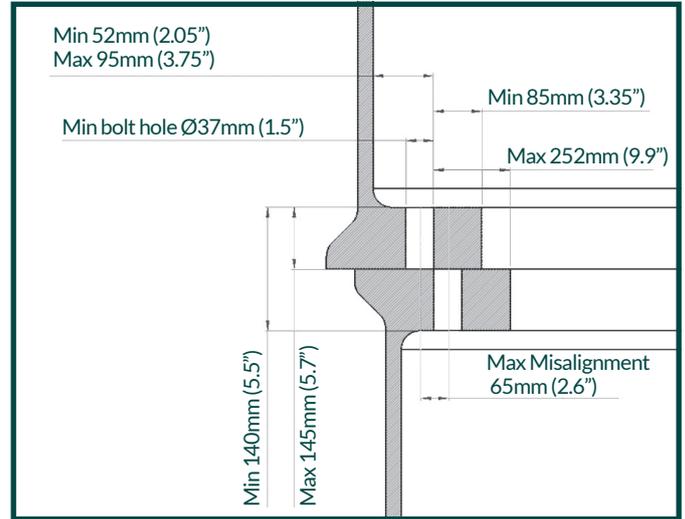
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Force Diagram



Application Dimensions



Kit Content:

- 1 x RHINO-24P Tool
- 1 x Instruction Manual
- 1 x Safety Lanyard
- 1 x Storage and Transport Case

Kit weight : 34Kg

Kit Dims.: 770mm x 570mm x 210mm

Tool Weight: 21Kg

Tool Dims.: 478mm x 615mm x 124mm

Product ordering code: RHINO-24P



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