MAIN SHAFT FIXTURES

EFFICIENT TOOLS FOR KEEPING IN PLACE THE ROTOR DURING GEARBOX CHANGES
Liftra Main Shaft Fixtures allow you to save rotor lowering costs when changing gearboxes. Leaving the rotor in place delays the need for mobilizing the main crane and lowers its required capacity.

- **Reduce mobilization costs**: No need for early mobilization of main crane.
- **Work at higher wind speeds**: Lowering the rotor is not necessary.
- **Automatic gearbox ejection**: Liftra Main Shaft Fixtures come with an ejector system that automatically slides off the gearbox.
MORE FROM LIFTRA

**SELF-HOISTING CRANE**
- Replacement of major components without the use of mobile cranes.
- Reduce mobilization costs and avoid civil works and special permits.

**LT5002 BLADE YOKE**
- Remote-controlled yoke for offshore blade installation, ideal for electric-pitch turbines.
- No need for turbine turning gear, only requires yawing and pitching.

**TOWER STACKING FRAMES**
- Universal system efficient sea transportation of tower sections.
- Easy return of frames for reuse – fit in standard containers for shipping.

**BLADE WAY**
- The latest in craneless technologies, for single blade replacement and installation.
- Replaces single blades and pitch bearings without use of mobile cranes.

WWW.LIFTRA.COM

**DENMARK (HQ)**
- PHONE +45 96 600 300
- FAX +45 96 600 301
- EMAIL liftra@liftra.com

**USA**
- PHONE +1 513 745 0880
- EMAIL liftra@liftra.com

**CHINA**
- PHONE +86 (22) 5981 0101
- EMAIL china@liftra.com

**SPAIN**
- PHONE +34 944 044 521
- EMAIL spain@liftra.com