



technofast
precision engineered solutions



***Technofast* Products for Draglines**



TECHNOFAST precision engineered hydraulic bolt tensioning products solve a wide range of fastener tensioning problems commonly occurring in the maintenance of large draglines and power shovels.

These are available as **HydraNut** or **HydraBolt** products for permanent fixture, otherwise the versatile **HydraJac** may be used to cover a range of applications. Special tools are not required, as Technofast Products can be typically used with available standard high pressure oil pumps.

Technofast Products are Australian designed and manufactured, and have an admirable record of quality and reliability, with many products still in service after twenty years of use.

Examples:

- Drum & Drag Bearing Cap retaining bolts.
- Segmented drum gears, drive motors, boxes, floor bolting.
- Frame bolting for confined spaces is made simple.
- Drive motor holdown bolts.
- Propel gearbox and structural bolts .
- New custom HydraNut allows quick and safe tensioning of suspension ropes.

Example of a dragline service kit consisting of a range of tools and accessories to suit given applications.





technofast
precision engineered solutions



CASE STUDY:

Walking Dragline Hoist/Drag DC Motor Hold Down Bolts



Problem:

- Excessive downtime for exchange of Drive Motors
- Re-alignment & shimming procedures required long set-up times with use of conventional nuts.
- Difficult access and uneven tensioning of the four hold down bolts.
- Restrictive area and pinch points on reaction arm created an OHS issue with torque tool placement and operation



Solution:

- Retrofit Technofast HydraNut.

Result:

- All four hold down bolts are tensioned simultaneously by a single hydraulic pump.
- Motor mounting & alignment time reduced from three hours to twenty minutes.
- OH&S risk substantially reduced.

For more information please contact:

Technofast Industries Pty Ltd
Unit 2, 667 Boundary Rd.
Richlands, QLD 4077
Australia

Ph.: 61 (0)7 3375 1431
Fax: 61 (0)7 3375 9094
Email: sales@technofast.com
Website: www.technofast.com