



# ARIEL CORPORATION

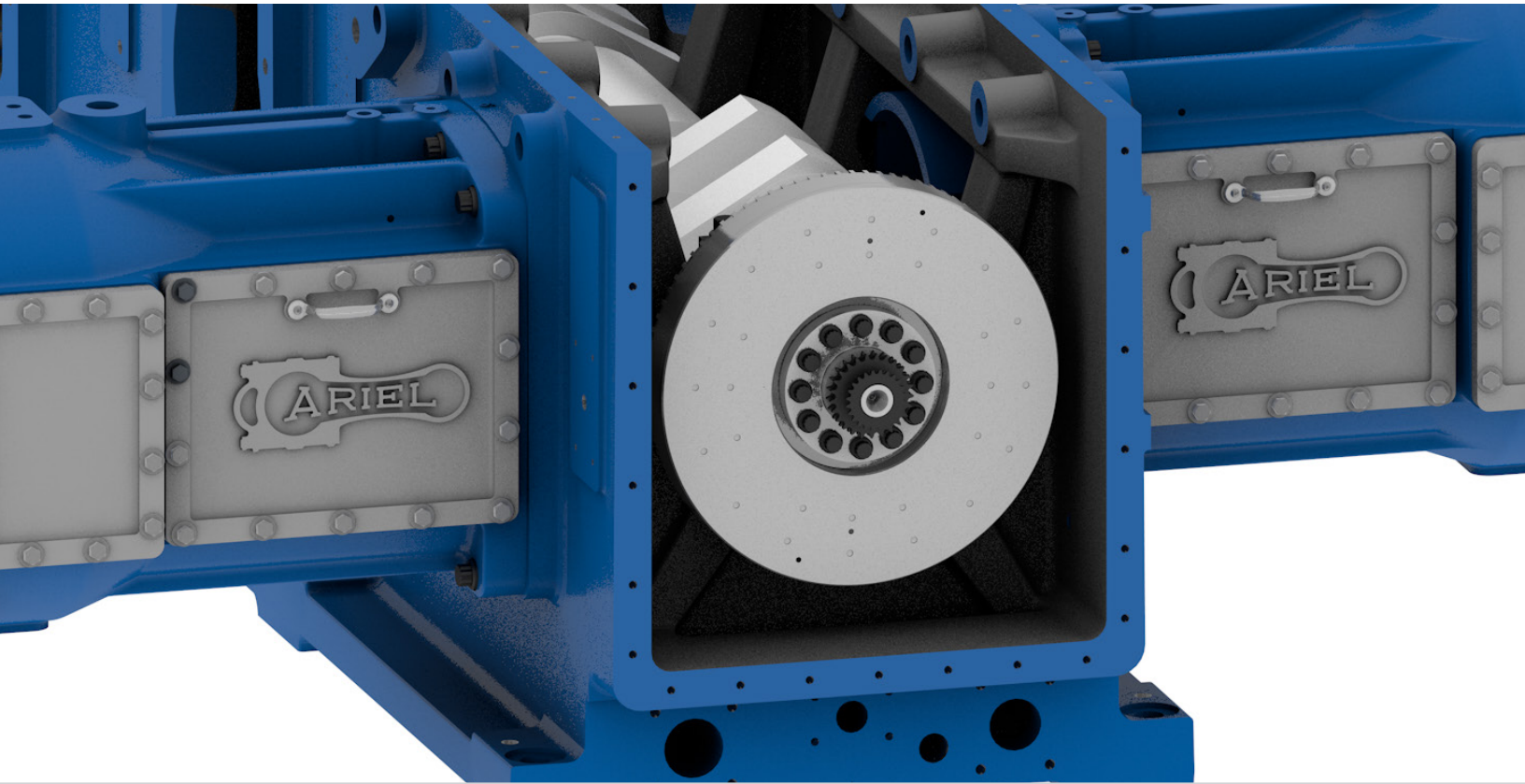
## Product Release Announcement

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### New Torsional Damper for Large Frame Compressors



- A torsional damper is now available on the large Ariel frames; JGC:D:F/6, KBZ:U/6 and KBB:V/4/6.
- As with all other detuning devices, these are only to be applied based upon a full torsional analysis review.
- The damper displaces the internal flywheel and in most cases eliminates the use of internal detuners.
- A damper may not eliminate the need for a torsionally flexible coupling, and in fact often works best in conjunction with a torsionally flexible coupling on electric motor/VFD applications.

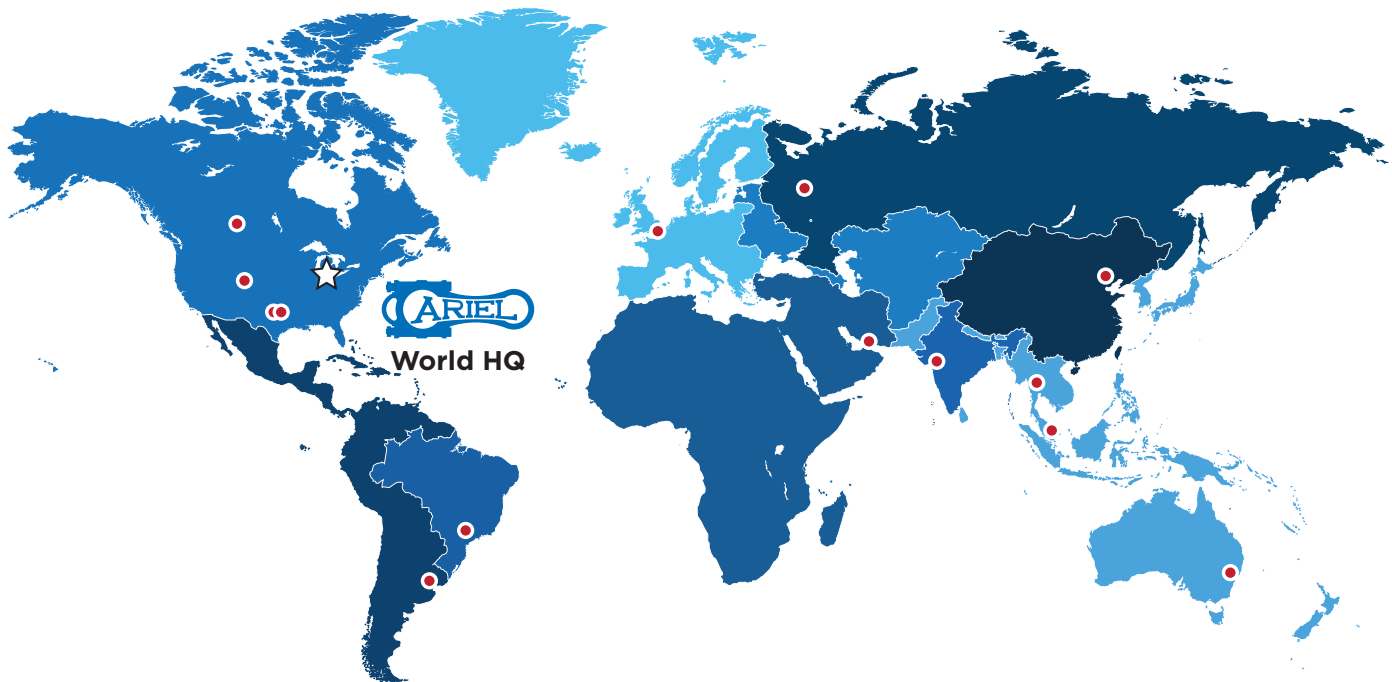
## Auxiliary End Torsional Damper

# Auxiliary End Torsional Damper

## A new component to reduce or avoid harmful responses from torsional resonance in compressor packages

- Ariel's new auxiliary end torsional damper:
  - Effectively reduces torsional vibration associated with compressor crankshaft modes
  - Significantly reduces angular deflections during operation which has shown to reduce high frequency lateral vibration (Torsional to Lateral vibration)
- Can eliminate speed restrictions within the operating speed range
- Does not require any external connections or instrumentation
- Torsional data for the damper can be obtained from Ariel Applications Engineering or from Ariel ER-83 "Ariel Torsional Limits & Guidelines".

## Ariel has the world covered with Compressors, Parts, and Comprehensive Support



**24 Hour Support** - North America: 888-397-7766 Worldwide: +1 740-397-3602