



PRODUCT RELEASE ANNOUNCEMENT

INTRODUCING THE ARIEL KBE



Ariel is pleased to announce the production release of the KBE compressor.

The KBE frame class is the next step in the transition of lease fleet and owner/operators of the JGK and JGT to the KB product line. Benefiting from a number of enhanced KBK:T design features, it is capable of meeting the compression needs for the majority of current JGH:E:K:T applications. It has the same rod load and horsepower ratings as the JGT with a 5" stroke, enabling it to fully load the current range of gas engine drivers. The KBE is offered in fixed cylinder configurations on two and four throw frames.

Please see the other side of this document for KBE specifications.

Contact your preferred Ariel Distributor or local Ariel regional team member for more information on the new Ariel KBE compressor.

INTRODUCING THE ARIEL KBE

KBE Frames Incorporate:

- “KB” style angled guide design
- Frames designed to accommodate internal torsional vibration damper
- Integrated frame oil thermostat into the oil filter header simplifies the auxiliary end piping
- KBE top cover and guide covers use o-ring seals and reduced number of fasteners
- ELP and dual chain drive
- Cylinders utilize CP valves
- KBE:K:T crossheads, connecting rods, and bearings are backwards compatible with the JGK:T
- Piston and piston rod designed for increased strength

24 Hour Support:

North America: **888.397.7766**

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	KBE	
Number of Throws	2	4
Rated Power (BHP)	1,300	2,600
Rated Power (kW)	969	1,939
Stroke (in)	5	
Stroke (mm)	127	
Maximum RPM	1,400	
Piston Speed (FPM)	1,125	
Piston Speed (m/s)	5.72	
Total Rod Load (lbs)	74,000	
Total Rod Load (N)	329,168	
Rod Load Tension (lbs)	37,000	
Rod Load Tension (N)	164,584	
Rod Load Compression (lbs)	40,000	
Rod Load Compression (N)	177,929	
Rod Diameter (in)	2.0	
Rod Diameter (mm)	51	
Crankshaft Centerline, from bottom (in)	17	
Crankshaft Centerline, from bottom (mm)	432	