



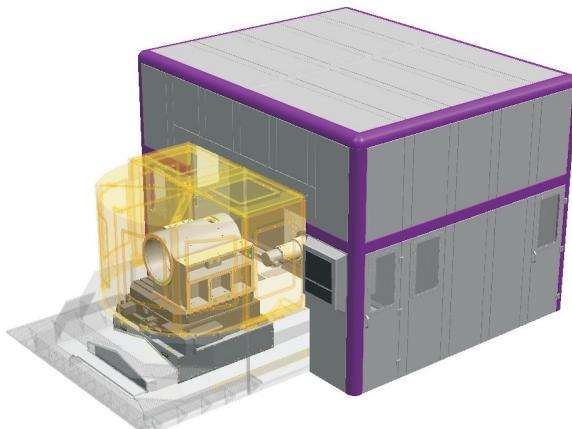
## Visit to Cinetic-Landis to view the HP B4<sup>3</sup> High Precision Boring Machine

Date: 19<sup>th</sup> December 2012  
Start time: 5.30 pm (meet in reception and sign in)  
Location: Crosshills, Keighley (see address details overleaf)

Please join the Keighley Association of Engineers for a special visit to Landis-Cinetic to view the build and operation a state-of-the-art Machine Tool development, the HPB4<sup>3</sup> Horizontal Boring Machine.

Our host for the evening is Mr Ed Brown, Director of Research and Development, Cinetic-Landis UK.

This promises to be an extremely interesting visit!



**Note:** Cinetic-Landis have requested the names of all attendees to this visit at least one week before the event so please confirm your attendance to John Pankhurst (contact details overleaf) as soon as possible and no later than 1 week before the event.

### Visit agenda

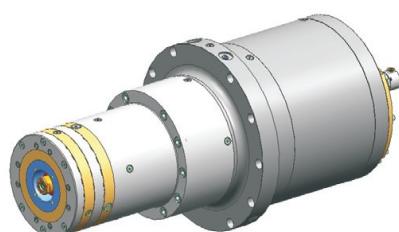
- 5.30 p.m. Arrival at Cinetic-Landis reception (tea and biscuits to be provided)
- 6.00 p.m. Welcome and opening remarks from Mr Roger Coverdale, Cinetic-Landis.
- 6.10 p.m. Design and manufacture of the new high precision boring machine.
- 6.45 p.m. Demonstration of the HPB4<sup>3</sup> Horizontal Boring Machine by Mr Ed Brown.
- 7.30 p.m. Visit close.

### Specification

The HPB4<sup>3</sup> Horizontal Boring Machine is a large, multi-purpose, four axis horizontal machining centre capable of milling, drilling, reaming, facing and boring in one set up. It features a temperature controlled enclosure, hydrostatic oil and tool coolant enabling supreme machining accuracy.

### Rotary Tool spindle

- Hydrostatic spindle
- 950N/µm radial and axial stiffness
- HSK A100 collet standard
- 10-1500rpm
- Through tool coolant
- Spiral cutting and positioning capability
- Sub micron error motion



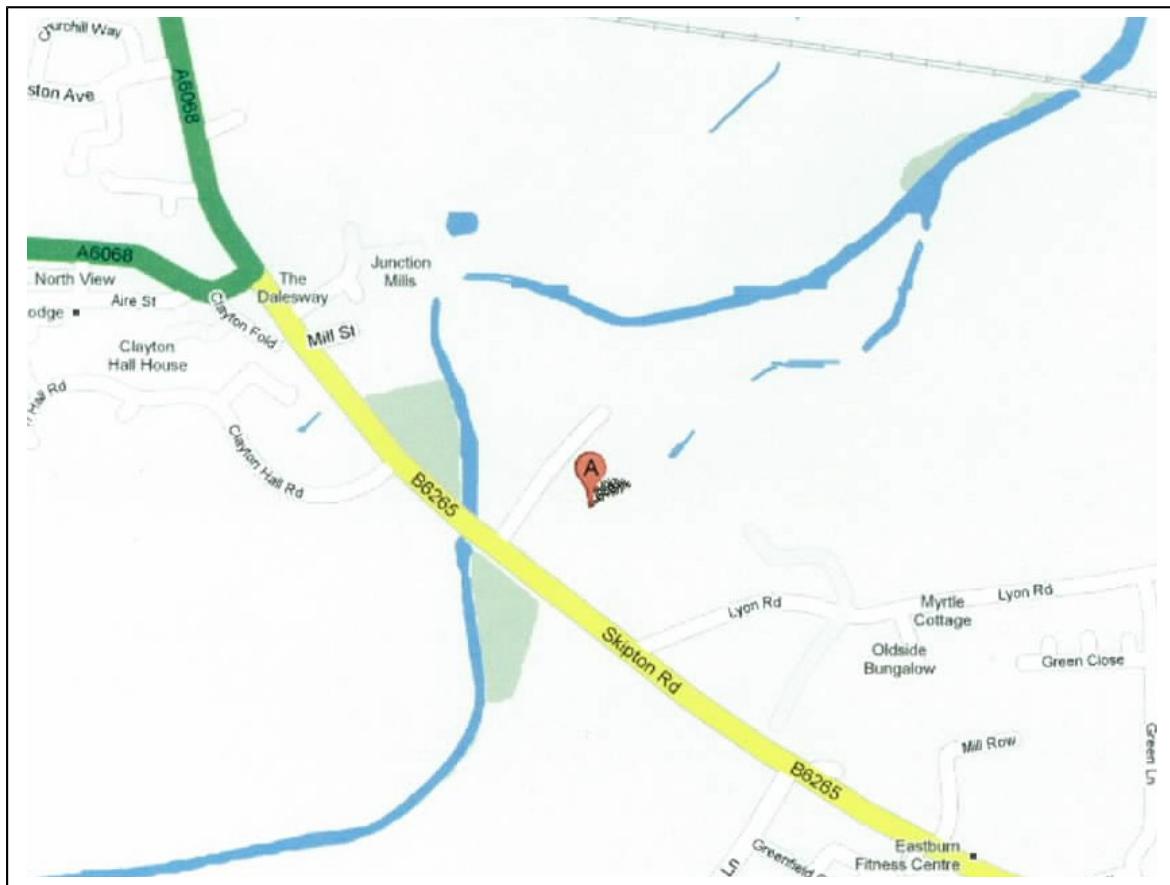
**Contact details: Confirm named attendance to this event no later than one week before the event to:**

Mr John Pankhurst.  
139 Westburn Avenue, Keighley, West Yorkshire, BD22 6LB  
Telephone: 01535 667218 mobile 07582 822922  
E-mail: [jpankhurst@totalise.co.uk](mailto:jpankhurst@totalise.co.uk)

**Address details:**

Cinetic-Landis Ltd  
Cross Hills, Keighley, West Yorkshire,  
BD20 7SD  
Tel: 01535 685000

**Location map:**



Check out the Keighley Association of Engineers website for details of future events.

[www.keighleyassociationofengineers.com](http://www.keighleyassociationofengineers.com)

Contributions to forthcoming site visits and lecture opportunities may be posted on the website. We look forward to your feedback.