

The Blackwell Group has owned and operated a large fleet of earthmoving machines of varied makes and models for over 50 years, having always maintained, repaired and rebuilt this equipment to the highest standards.

These same engineering services are available to other plant and vehicle operating companies, commercial and private owners.

Accredited to BS ISO 9001:2000 and BS ISO 14001:2004 ensures all work is carried out to quality assured standards including regard to the environment.

Services we can provide include:

<p><i>Welding, Fabrication, Machining and Design</i></p> <ul style="list-style-type: none">• Portable welding and boring on site• Fabricate components to customer requirements• Welding techniques to BS4872 standards in association with ESAB• Rebuild buckets from 7– 70 ton and ancillary	<p><i>Major Rebuilds and Routine Maintenance</i></p> <ul style="list-style-type: none">• Component rebuilds• Machine refurbishments• Maintenance contracts• Undercarriage repairs
<p><i>Transport Workshop</i></p> <ul style="list-style-type: none">• Maintenance and repair to light and heavy vehicles of all makes• MOT preparation• Vehicle inspections	<p><i>Low Loader and Hiab Services</i></p> <ul style="list-style-type: none">• Abnormal Loads• Up to 80 tons payload• Rear steer trailers• 28.5 ton metre hiab• Rigid with loading ramps• Vehicle transport and recovery
<p><i>Workshop facilities</i></p> <ul style="list-style-type: none">• 36,000 sq ft of workshop space• Air conditioning repairs• Diagnostic capability• On-site repairs and maintenance• Auto electricians• Shot blasting• Plant and vehicle resprays (with spray bake oven)	<ul style="list-style-type: none">• Appointed person for lifting operations• NVQ Level 3 Assessors• Supply of parts• Preparation for sale• Reclamation of worn parts• Procurement of spares for all makes and models of machines and vehicles• Specialist projects undertaken



For further information please contact Tim Cleeton or Ray Heard within our plant department at Earls Colne.

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specific experience

Major Rebuilds

Complete machine, engine and transmission rebuilds are carried out following detailed testing and evaluation of the extent of the wear or damage. Individual units can be stripped down to their basic components and the economics of the repair assessed. New or reconditioned parts are fitted where readily available. Alternatively, using the comprehensive workshop facilities, component parts can be rebuilt by high tech welding and machining processes. On completion, the power units can be tested under load conditions using purpose built engine dyno test bed.



Specialist Fabrication

Many of the group activities require unique machinery, power and transmission and support systems. The division provides research and development services ranging from the initial engineering sketches, through to fabrication, testing and aftercare to support innovations. These development services are provided to customers under a confidentiality of intellectual property agreement.

We are able to offer repair and maintenance contracts for new machines and Blackwell rebuilds or customer machines can be sourced following our plant inspection.



Routine Maintenance

Maintenance services are offered at site or workshop locations and include general servicing, inspections, wear part replacements and computerised brake testing. In order to minimise machine downtime and costly haulage most repairs are carried out on site or exchange parts provided. At the end of the service life the plant can be prepared for resale with shot blasting, degreasing and repainting for presentation.

Trouble shooting and diagnostic investigation can be carried out on site or in the workshop by qualified technicians on various makes of machine. We also service and maintain all our own support vehicles HGV and light transport, this is also available to our customers.



Parts Regeneration

In the arduous and often aggressive environment that earthmoving plant is employed, not only are the basic wear parts at risk but also major structural elements such as excavator booms, track frames and buckets.

We transport our own equipment using rear steer low loaders capable of 80 ton payload smaller items are accommodated with our Plant Hiab vehicle and 7 1/2 tonne Beaver tail. These vehicles together with the experienced drivers are available to work for our customers.

