

mtl



RECYCLING



HARDOX[®]
WEARPARTS

part of
WEC
GROUP

RECYCLING

HARDOX WEARPARTS

European and UK legislative targets have led to a substantial boom in the sector as organisations look to increase their level of recycling. Our research indicates that this growth will continue unabated for OEMs and end users with parts made from mild steel and Hardox wear plate.

HARDOX[®]
WEARPARTS

MATERIALS

We hold a vast range of superior materials at our state-of-the-art facility. As the largest Hardox Wearparts Centre in the UK, we have many years' experience in manufacturing parts from abrasive resistant and high-strength steels, working on even the most demanding applications.



WE can assist customers with various requirements, including:

- > shredder blades
- > shear blades
- > screens
- > pulveriser hammers
- > liner plates

CUTTING

We are one of the few profiling companies in the UK to offer four different cutting methods under one roof.

Our dedicated in-house cutting bay includes the UK's largest bevel laser cutting machine as well as a range of high definition plasma, flame and dynamic waterjet cutting machines.

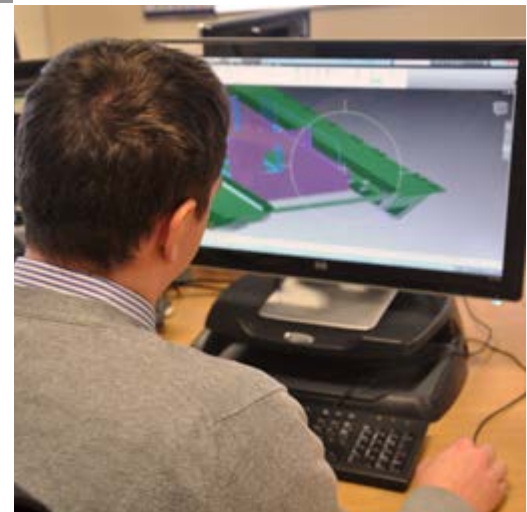
STRENX[™]
PERFORMANCE STEEL

DOMEX[®]
HIGH STRENGTH STEEL

WELDOX[®]
HIGH STRENGTH STEEL



Accredited to ISO 9001:2008, we regard quality as imperative





EXTEND WEAR LIFE

Our knowledgeable sales team, supported by SSAB, offer recommendations on how to extend the life of your parts.



PRESSING

We have a wide range of large format CNC press braking equipment available, giving us the capability to bend parts to order.

Thanks to recent investments in the world's largest robotic press braking system, we have the ability produce components quickly, with accuracy and at a cost-effective rate.



STOCK

We process several thousand tonnes of wear material per annum, and have stock material ranging from 400 to 600 Brinell hardness - from 3.2mm to 120mm thick.



FAST TRACK WEARPARTS

Our Hardox fast track service has been specifically designed to ensure components are delivered quickly to avoid costly down time.

In most circumstances, we can meet 24 hour deadlines thanks to our cutting and fabrication machinery and our extensive range of stock materials.



MTL ONSITE

We provide a quality, in-house reverse engineering service that combines highly accurate scan data with cutting-edge software.

Our highly skilled workforce use the latest reverse engineering tools (Inventor) to create 3D CAD models from an existing product, to determine the original design intent and to modify an object to improve its design.



SCRAP RECYCLING

Our impressive range of facilities and stock resources allow us to supply wearparts to numerous leading scrap recycling operations throughout the UK.



QUENCHED AND TEMPERED STEELS

Our long standing relationships with Europe's leading steel mills allow us to respond quickly to our customers' requirements using the best materials on the market.



HARDOX HAMMER BLADES

Hardox is the world's most widely used wear resistant steel plate.

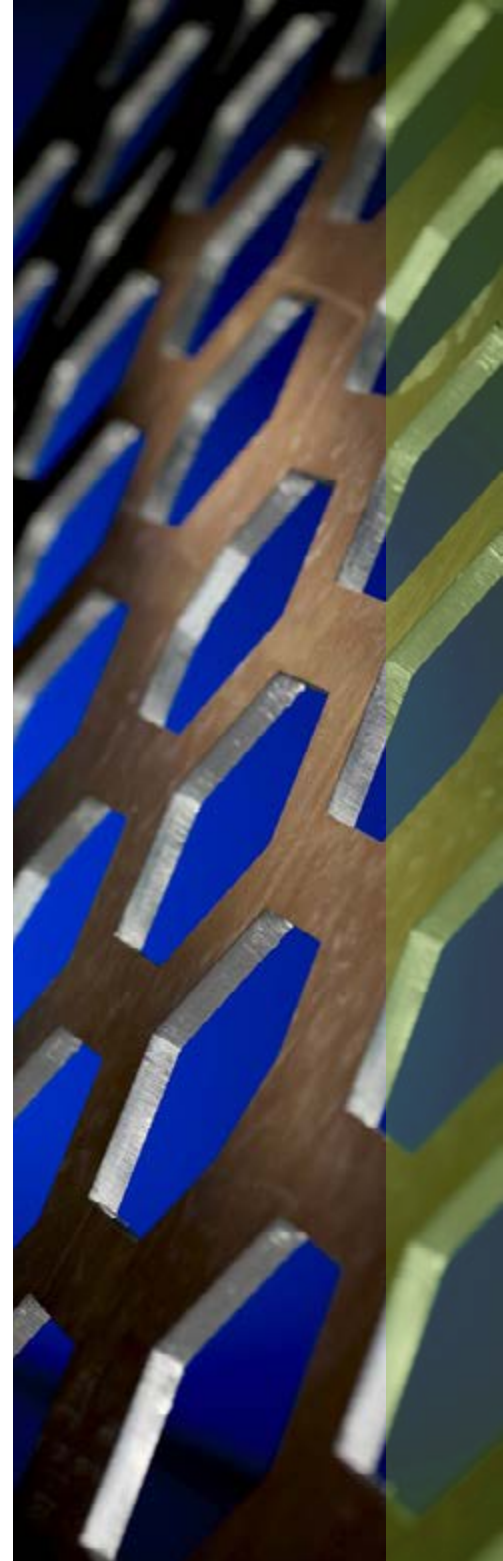
Thanks to continuous investments in the latest state-of-the-art technology, we have the capability to machine various High Brinell materials up to, and including, Hardox 600.



GLOBAL OEM PARTNER

We are a trusted partner and work closely with a number of global OEM's.

Due to our expertise in processing wear resistant steels, we supply a variety of Chassis, roof, floor and sides to a number of leading recycling firms.



Capability

All services
available
in-house



WELDING & FABRICATION

- > 150 skilled welders/fabricators
- > 11 robotic welding cells
- > Robotic welding



SHEET METALWORK

- > CNC and Robotic Bending (up to 7.2m wide and 640 Tonne)
- > Bending & Folding
- > Pressing
- > Rolling
- > Forming
- > Grinding and Polishing



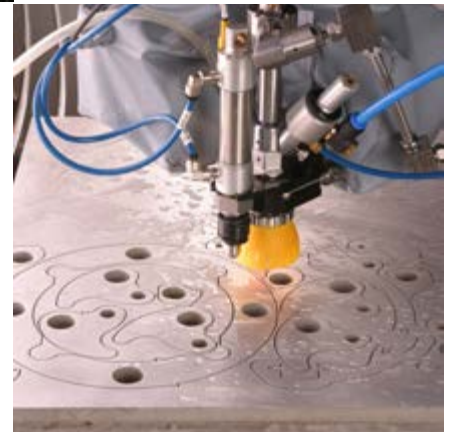
LASER & PLASMA CUTTING

- > 23 Laser Cutting Machines (cutting up to 20m x 3.2m)
- > High-Definition Plasma Cutters (cutting tube up to 8m x 1000mm dia. and 40mm wall thickness)
- > 2 Tube Lasers (6m x 200mm dia. and up to 225kgs)
- > 1 Robotic Plasma Tube Cutter



WATERJET CUTTING

- > 4 Dynamic waterjet machines
- > Cut any material up to 12m x 3m x 200mm thick
- > Accuracy that matches machined tolerances of + / -0.1mm



FINISHING

- > Powder Coating
- > 2 automatic reciprocators
- > 4 stage in-line pre-treatment plant
- > Shot Blasting
- > Wet Paint



MACHINING

- > 33,000 sq. ft. factory
- > 40+ CNC machining centres
- > CNC turning
- > CNC milling

WEC Group at a glance

600,000 SQ FT
of Manufacturing Floorspace



800

Highly Skilled Staff

10

Manufacturing Sites

15

Specialist Divisions



150 Skilled Welders

Blackburn
with Darwen

Leeds

Liverpool

Sheffield



60 Apprentices

30 Profiling Machines

23 Press Brakes

40 CNC Machines

11 Robot Welders

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