



Masters of uptime, close to you

BRUCE are the exclusive HARDOX® Wearpart manufactures; the worlds most widely used wear resistant steel plate.



Features:

- Worlds No1 Wear plate
- Wide range of grades, thicknesses & widths
- High abrasive resistance, increasing wear life
- Easy to machine, bend & weld

“ Only Genuine Hardox comes with a Hardox Test Certificate ”

Products:

Hardox 400 and Hardox 450: Are all round resistant plates. Due to its high toughness, good bendability and weldability, the plates can also be used for load bearing duties in certain applications.

Hardox 500: Is a bendable and weldable abrasion resistant plate which is used in applications that demand higher wear resistance.

Hardox 550: Is a wear plate with a hardness of 550 Brinell and toughness equal to Hardox 500, is designed to increase wear life but not at the expense of crack integrity.

Hardox 600: Is the worlds hardest wear plate with a hardness of 600 Brinell, but still can be cut and welded - an excellent plate for high performance applications.

Hardox Hi Turf: Is a wear resistance plate with extremely high toughness intended for heavy section wear parts requiring extraordinary crack resistances.

Weldox 700: Is a high strength structural steel (700mpa) with outstanding toughness for a multitude of load carrying structures and other applications.





SERVICES



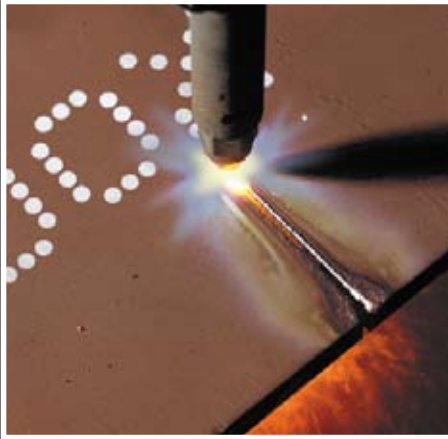
Welding

Hardox requires low preheating thanks to the low carbon equivalent. The plate flatness and narrow tolerances facilitate automatic welding and shorten preparation time for fit up and tracking. You also get very good HAZ properties due to the high toughness and low levels of steel impurities.



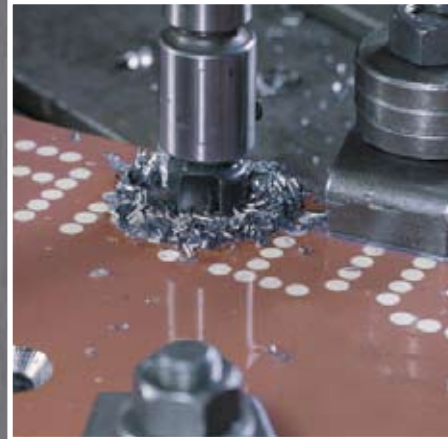
Bending

The steel quality and surface finish make a tight bending radius possible, especially when bending thinner plates. The consistent properties and the close thickness tolerances ensure very high precision bending results.



Cutting

The extraordinary cutting characteristics derive from the narrow tolerances, the low levels of steel impurities and well-balanced chemical composition. (Under water Plasma/ Oxy-propane cutting)



Machining

Hardox wear plates are easy to machine. The uniform properties and the consistency between plates give predictable results for machining operations.

Applications Include:

Quarry & Mining:



- Buckets,
- Cutting Edges,
- Wear Plates,
- Screen Plates,
- Hopper & Feeder Liners
- Tipper Floor & Sides
- Transfer Chutes
- Crusher wear plates & General Wear Parts

Agriculture:



- Ploughs
- Buckets
- Agricultural dumpers
- Forage Harvesters
- Forks & Grabs, Balers
- Diet Feeders

Recycling:



- Hoppers
- Feeders
- Flails
- Shredders
- Screens
- Trommels
- Cutting Edges
- General Wearparts

