

**tyzack**  **machine knives**



**Precision, performance and durability**

# tyzack machine knives

## *The ultimate in manufacturing precision*

With more than 150 years experience, Sheffield Based Tyzack Machine Knives are the most experienced manufacturer of machine knives, steel mill shear blades and accessories in Europe and North America. Based on unrivalled technical ability, steel selection and production capability Tyzack have earned a global reputation.

Tyzack Machine Knives combine traditional skills with state of the art machining, heat treatment and grinding technology for the ultimate in manufacturing precision.



## *Chosen by the world's leading manufacturers*

- *Our blades and knives are specified for mission critical applications by many of the worlds leading original equipment manufacturers*
- *We specify the finest steels available*
- *Products and services are supported by sales and application engineers with in depth problem solving experience.*
- *Stocks of popular blades are held in stock for immediate despatch*
- *An extensive raw material stock holding enables special requirements to be fulfilled at short notice*
- *The combination of the latest CNC technologies with traditional skills ensure the highest possible precision and performance*
- *Accuracy from machining to final edge grinding maximises durability, enhanced edge retention and wear resistance, for extended life and more regrinds*
- *Manufactured to internationally approved standards and within an ISO9001 environment*

## ***Our range***

A complete range and bespoke solutions:

### **Guillotine Shear Blades**

For cold cutting steel and strip

### **Bar and Section Mill Cropping Blades**

For hot and cold cutting of rounds, angles, squares and special sections

### **Rod Mill Blades**

For cold and hot cutting

### **Plate Mill Blades**

Heavy duty shock resistant blades

### **High Temperature Blades**

For hot slab, billets, concast systems and forging dies - heavy section blades made from nimonic alloys

### **General Machine Knives**





*Our range continued...*

**Supplementary Processing Products**

Including holders, shims, liners and wear plates within the steel manufacturing industry

**Scrap Processing Blades**

For the reclamation of scrap steel, paper, plastic, rubber, tyre, wood and demolition industries

**Supplementary Scrap Processing Products**

Including blade seats, holders, liners and wear plates for the reclamation industry

**Guillotine Knives**

For the printing and paper industries

**Liner Plates**

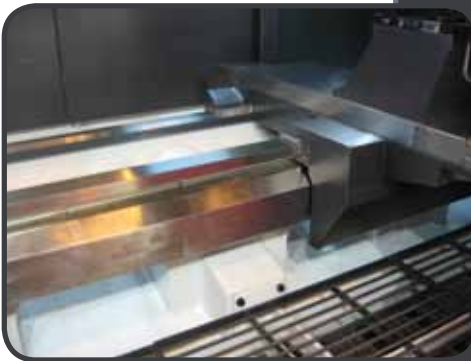
For the production of kerb stones and slabs

**Slideways**

Through hardened and induction hardened

**Special Purpose**

Experienced engineers are able to design and manufacture special purpose knives and blades for demanding applications and industries



*A full regrind service is available*



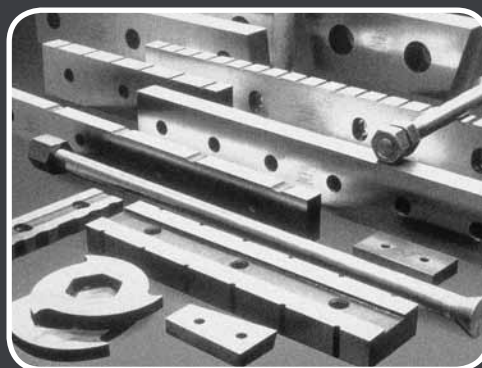
## Leading brands

Tyzack Machine Knives & its associated Brands, Park & Ultimax are recognized throughout the World. Our factory is in the heart of Sheffield's Industry, we remain one of Europe's leading manufacturers of Industrial Machine Knives and Wear parts.



### Production Capacity List

<i>Process</i>	<i>Capacity</i>
Sawing	300mm
Planing	4.0M Length
Drilling	
Slotting	
Vertical Milling	4.0M Length
CNC	6.0M Length
Heat Treatment	6.0M Length
End Holin	
Smithing	
Segmental Grinding	4.8M Length x 600mm
Line Grinding	6.0M Length
Butt End Grinding	
Flatness Tolerance	+/- 0.05mm over 6M length



## **Worldwide Distribution**

Tyzack Machine Knives have a worldwide network of agents and distributors in specific countries, who are selected for their effectiveness in support of our products and our customers whatever the industry and whatever their needs.

If you would like us to put you in touch with the agent or distributor in the country which you are in please let us know by email or fax.

### **Quality**

All work is conducted under the strictest health and safety requirements, specifications and quality standards.

### **ISO 14001**

We are committed to reducing our environmental impacts and reducing carbon emissions by using the most energy efficient processes available.



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