



## EUROPEAN LIFTING DEVICES

### THE ART OF MAKING HOOKS

E.L.D. - division of the Feat Group SPA that is specialized in hot forging - is a leader in design, application engineering and production of: wire rope accessories, grade 80 / 100 chain fittings, crane blocks and OEM components.



ISO 9001  
BUREAU VERITAS  
Certification



# LIFTING and WIRE ROPE ACCESSORIES

Unexceptionable attention to details

According to and exceeding the European and American standards.

Swivel Hooks:  
New modern redesigned shape. This is a result of many years of experience, millions of pieces sold and a large number of possible applications around the world. Lifting capacity up to 30 tons. Three configurations are available, with and without underload rotation and for severe uses.

167 - 168 - 169 Series



105 - 106 Series  
Self-Locking Swivel Hook

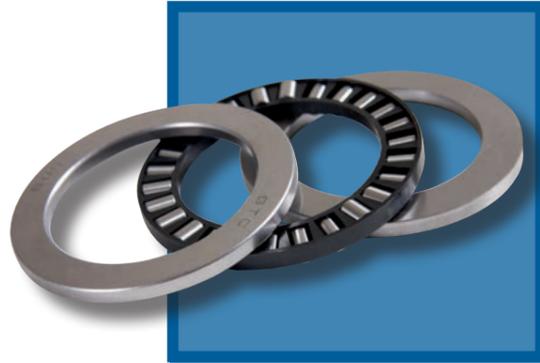
Lockable latch for hazardous applications and off-shore.



113 Series Basket  
Special machining, available on demand.



121 - 521 Series  
Shank Hook



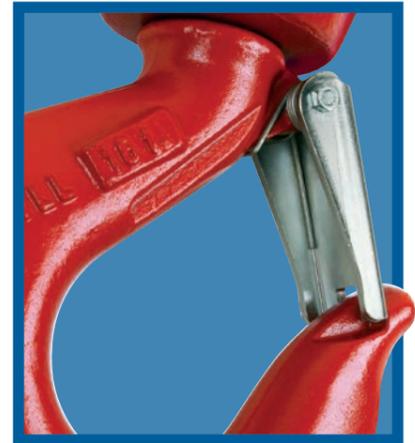
Light and heavy duty bearings.



145 Series  
Ramshorn Swivel Hook

We can adapt our standard components to every new assembled.

Strictly controlled Alloy and Carbon steel, only from selected producers.



Performant "plate safety latch" and perfect fit.



101 Series  
Eye Hook



117 - 118 Series  
Plain Swivel Perfect for marine

112 Series  
Sliding Choker Hook  
Perfect for forestry



# GRADE 8 CHAIN FITTINGS

According to EN 1677

**151 - 302 Series**  
Single and Sub-Assembly  
Master Link



**179 Series**  
Clevis Hook



**100 Series**  
Eye Sling Hook



Forged Safety Latch for a superior configuration.

**102 - 103 Series**  
Eye and Clevis  
Self-Locking Hook



The **BG-PRÜFZERT ™ 88** is proof of the specific competence owned by ELD. We are committed to supply a product which is in full compliance with industry norms.

The product range best known and most reliable

**181 - 191 Series**  
Connecting Link and  
Web Sling Connector



Our parts are supplied in ELD successful standard color: "Matt Red". We can also handle special colors.

## General recommendations.

You can get the warning and application instructions of our products by contacting ELD technical department or by downloading them yourself from internet together with the updated catalogue.

ELD distributors have to be concerned that end-users are knowledgeable with use, inspection and maintenance of our products.

O.E.M.s that install ELD lifting components on their machines, are responsible for their correct application.

ELD lifting devices must always be used in full compliance with the manufacturer's instructions and with the regulations in force.

Do not make modifications without specific approval by the ELD technical office.

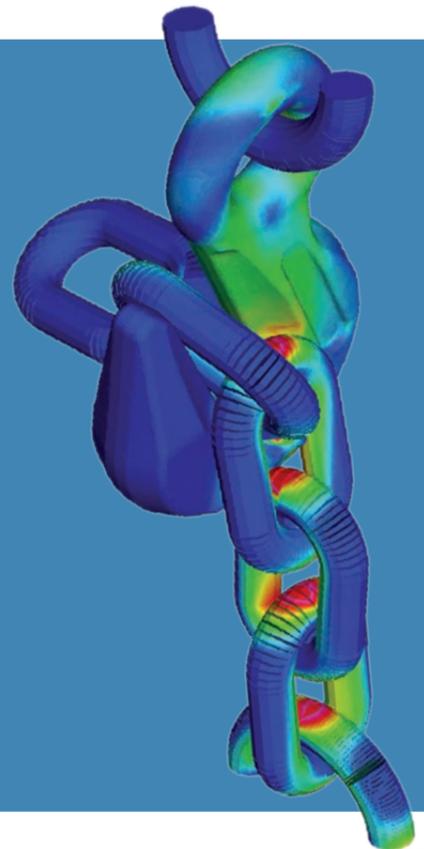
Do not exceed the Working Load Limit. Shock loading must be avoided.

Fitness, positioning and grip of the loads must always be checked before lifting operations.

Markings and ID Tags must never be altered.

The WLL must be adequately reduced in case of severe and corrosive environments. In these operating conditions and in the presence of possible wear or damage, it is necessary to have a comprehensive examination made by a qualified inspector.

**Improper use can create a seriously dangerous situation for the safety of exposed persons.**



Precise machining and controlled heat treatment to ensure a real fatigue resistance.



**183 - 184 Series**  
Eye and Clevis Grab  
Hook also available  
with Locking Pin.



**185 Series**  
Shortening Clutch  
Reduction of load capacity not required.



Grade 10 offers a lifting capacity which is 25% greater than grade 8, for a comparable chain size. This results in lighter, easier to handle slings.

**151 - 181 Series**  
Single Master Link and Connecting Link

For this line by enhancing characteristics, the impact strength is a critical factor that we guarantee in every production batch.

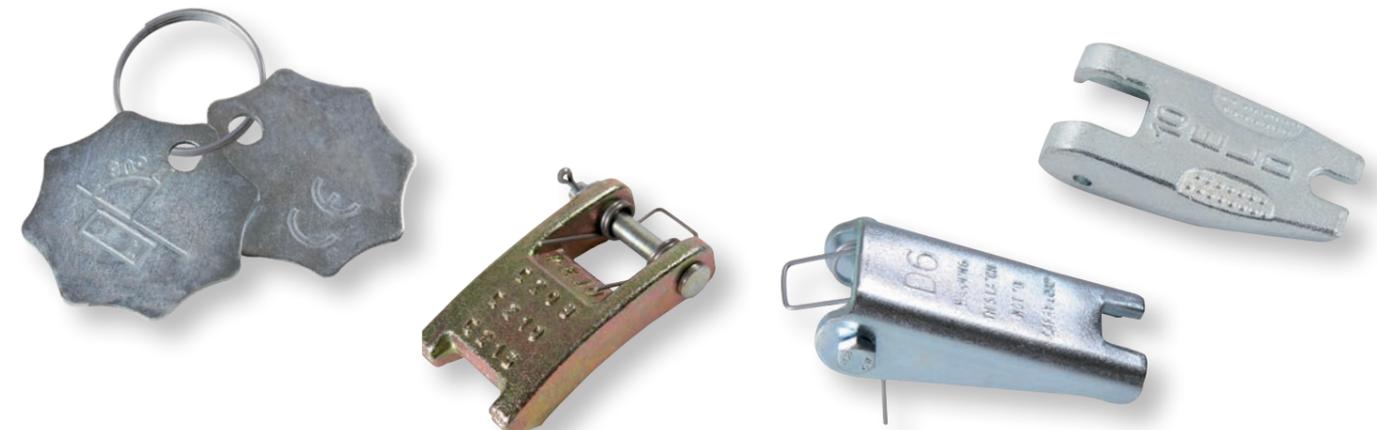
**103 - 179 Series**  
Clevis Self-Locking Hook and Clevis Hook

ELD is the division of Feat Group SPA which specializes in: "The art of making hooks". Feat is known as a worldwide leader in steel hot forgings for high performance and safety applications. FEAT makes use of technologically advanced closed die mechanical presses which are automated using robots. The combination of ELD's engineering expertise in designing lifting components and the metallurgical expertise of FEAT, allows us to supply a superior product that comply with the highest demands expected by the market.

All pictures and concepts presented in this brochure are for illustrative purposes only. The company reserves the right to make any change it deems appropriate. ELD is a dynamic company and its range of products can be modified or integrated as necessary as per customer requirements, or changed to current industry parameters. ELD guarantees quick deliveries by keeping in stock all the Series presented here. ELD International distributors are carefully selected directly by our head office and are required to uphold the highest level of professionalism. Thanks to a flexible organization it is always possible to develop strategic projects directly with company owners.



**SPARE PARTS** always available in stock, for proper maintenance



# CUSTOMIZED elements for hoist

We can manufacture families of special accessories in drop forged steel, complete with design and inspection test to fulfill specific requirements of the customers.



# FORGED LIFTING COMPONENTS FOR OEM

Either raw pieces or machined ready to be assembled.

Low, medium and high alloy steel: P - T - V.

Faithful compliance with the most widespread and recognised norm, the DIN 15400.

Non-destructive tests 100%.

Typical products destined for crane applications and the companies that specialize in after-market.



**640 - 635 Series**  
Single and Double Suspension

## PEJO

Our patented Weld-On-Bucket Hooks made in Sweden, are well established and trusted all over the world.



**C and U Series**



**140 - 135 and 540 - 535 Series**  
Raw, Machined, Point and Ramshorn Hooks

Surface treatment for aggressive environment and explosive areas.



**1SB Series**  
The full range of high performing forged Sheaves. Induction hardening of the throat and heavy duty bearings on demand.



**122 - 123 Series**  
Bow Shackle Screw Pin and Safety Bolt



100% proof tested without permanent deformation!

**115 Series**  
The most used Double Swivel Ring



# BOTTOM BLOCKS of all size and applications

Geometries from the simplest to the most complex

Special production is realised in a dedicated department.

A team of engineers has achieved an international reputation and extensive experience in the field of: overhead, mobile, tower, offshore, marine cranes... and in meeting "needs" related to the whole area of lifting and rigging. The study and development of the bottom blocks follow a constant dialogue with the customer, focusing on the final application so as to obtain the best practical solution. All products are developed in conformity with F.E.M. norms and latest international required rules. The overall design is made taking advantage of the ELD standard components achieving optimum results in terms of: quality, cost-control and delivery time.



We can offer various compact motorised blocks and solutions for steel mill and severe environment.



The chemical analysis of the steel, the heat treatment and the controls imposed, are scrupulously verified by our metallurgist.



## ELD Standard Overhead Craneblocks



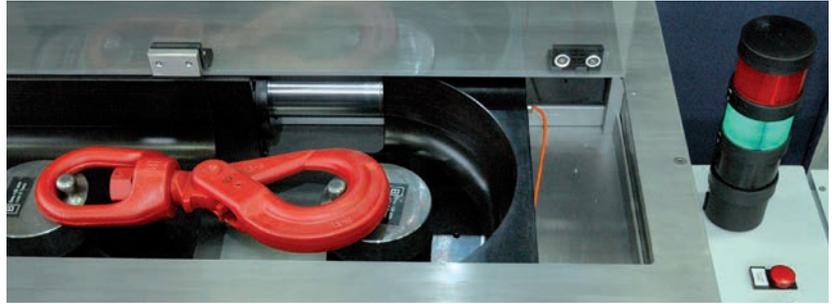
**TUB, 1HA, 1HB, 1HE ... Series**  
From one up to six sheaves,  
the easy and practical idea.



We can supply a single item or serial production in order to obtain the best quality-price ratio.



# QUALITY MAKER



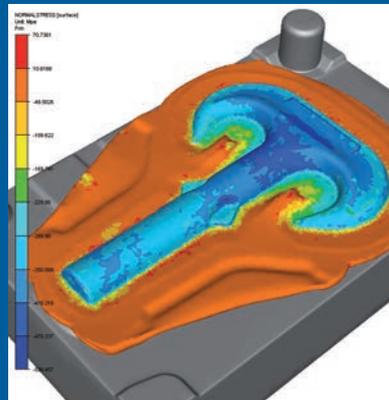
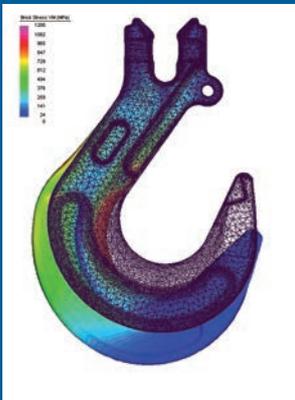
The integrity of the core product is influenced by the qualification of the forger. Feat Group is historically recognised from the global brands as a reference supplier in hot steel forming. ELD guarantees the traceability of all products through a marking code.

Each code is linked to its own certificate which is available in the reserved area of the web site and backed up on our server.

The conformity certificate contains the informations relating to the manufacturing batch, as well as the material characteristics and mechanical properties in compliance with industrial norms and customers requests.

We can issue special inspection's certificates for additional controls, and welcome external inspectors. Our quality system imposes rigid production cycles and 100% visual control before packaging. Destructive and non destructive tests are carried out in the central lab of Feat. ELD is internally equipped with dedicated machines for tests on the final product: Manufacturing Proof Test, 20,000 Cycle Fatigue Test and Tensile Strength Test.

**Once the hook reaches the breaking load limit, it withstands a strong deformation, but does not break.**



Technicians use modern Computer Aided Design, forging simulation software, and Finite Element Modeling.



## E.L.D. EUROPEAN LIFTING DEVICES

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