

## Adding value to your business

FB Chain gives you access to a range of products, packages and tools all designed and shipped in a way that helps increase the efficiency and profitability of your operations.



### Shear face blocks

Designed to fit in the limited space inside telescopic booms, FB shear face blocks are manufactured from high-grade alloy steel at least as strong as the chain they are fitted to. Shear face blocks take the load on the step heel.



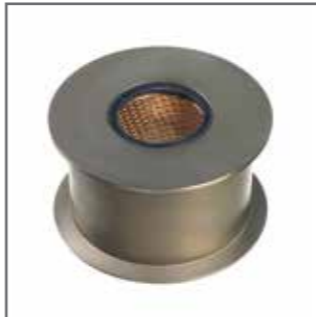
### Load equalising clevis

To meet the requirements of machinery standards where the chain load must be distributed equally, we supply a number of load equalisation solutions. These range from simple balancing bars to more complicated pivoting chain adjusters.



### Chain assemblies

Leaf chain is cut to length and assembled to individual anchor bolts and blocks (clevises), saving valuable time on the production line and eliminating chain stock loss from unusable off-cuts. Kits can be issued directly onto assembly lines, reducing the inventory and number of vendors and deliveries.



### Sealed-for-life pulleys

With no greasing required, sealed-for-life leaf chain rollers increase service intervals and minimise machine downtime due to maintenance. The design also eliminates the need for the costly cross-drilled pivot pins with grease nipples on standard pulleys.



### Chain wear gauge

The patented FB Professional Chain Wear Gauge is the industry's most accurate and easy-to-use tool for measuring chain elongation due to wear, used by quality control engineers, service technicians and insurance inspectors around the world.



### Boom kit

Kits containing all the chain-related components for one boom are ideally suited to the modular construction of large booms. FB boom kits can be issued directly onto assembly lines, reducing the inventory and number of vendors and deliveries.



### Chain anchor plates

Designed to hold multiple chain lengths in the limited space inside telescopic booms, FB chain anchor plates are manufactured from high-grade alloy steel at least as strong as the chain they are fitted to. Careful attention is paid to the relationship between slots and fixing holes to ensure even load distribution.

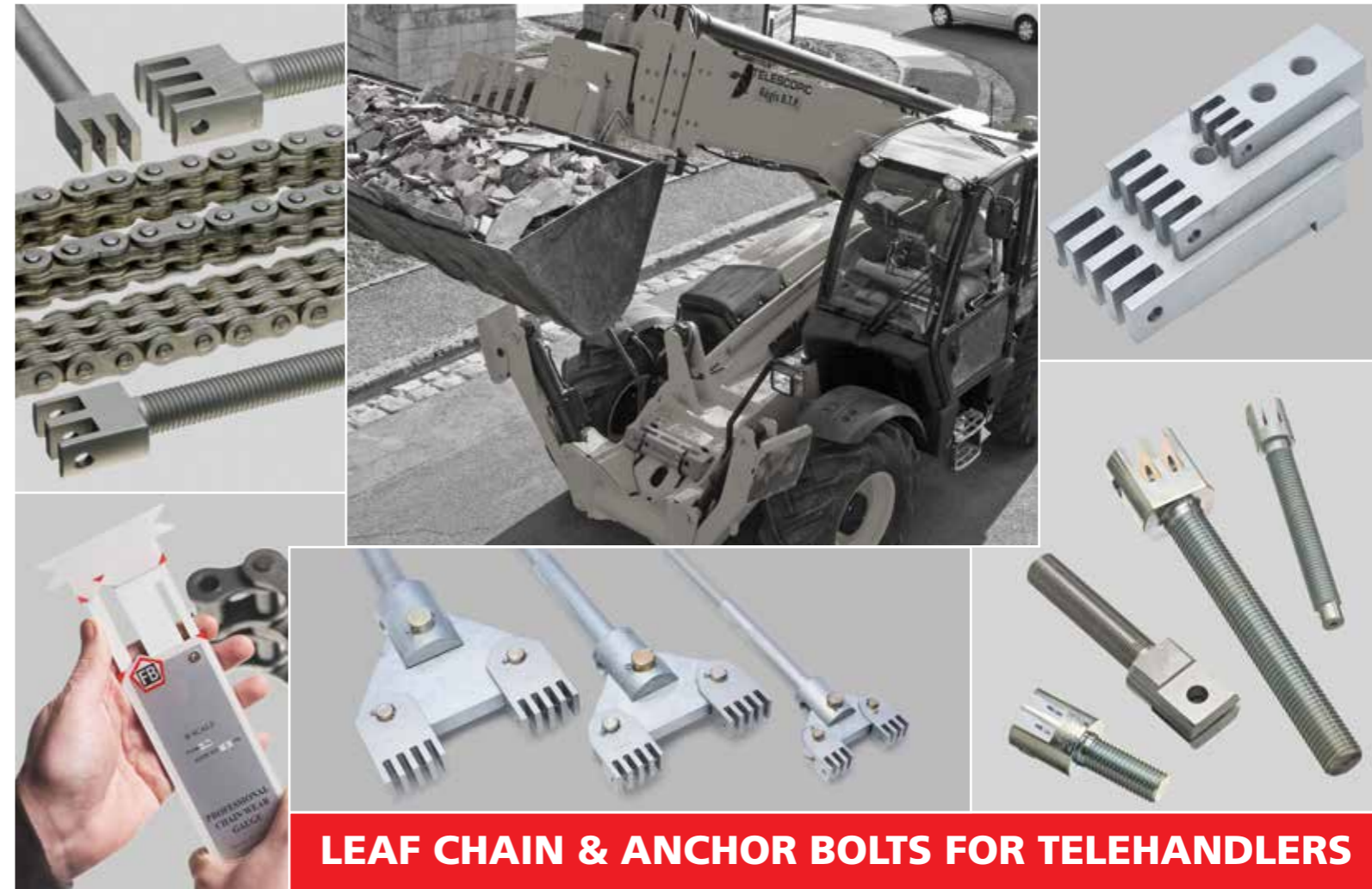


### Chain anchor bolts

FB leaf chain anchor bolts (clevises) are made from high-tensile alloy steel according to the required breaking strength and individual application stresses. Most normal applications are simple to review but occasionally unusual stresses such as tension, compressions, shear and bending affect the clevis in use.



# FB Chain



**LEAF CHAIN & ANCHOR BOLTS FOR TELEHANDLERS**



Find out more by visiting

[www.fbchain.com](http://www.fbchain.com)

## Solutions you can trust

Based on over a century of experience supplying to the process and materials handling industries, FB Chain understands the needs of telehandler manufacturers and owners.

Our promise is to deliver consistently high quality leaf chain and associated parts that are perfectly matched to customers' applications, ensuring high performance, high efficiency and low maintenance costs over a long service life.

### Designed for durability

#### High tensile strength

FB leaf chains are at least 20% stronger than the ISO4347 requirement thanks to careful selection of raw materials and heat treatments – providing the optimum balance between strength and resistance to wear shock-loading and fatigue.



#### Optimised manufacturing process

Many competitor bolts are manufactured using a lower grade of steel which is subsequently heat-treated. During this process the material can move, introducing bending forces, which in service will lead to fatigue failures.

All FB bolts and blocks are made from high specification alloy steels, supplied in bar lengths that have already been hardened and tempered. With FB Chain, the risk of fatigue bending is minimised.

#### Pre-loading

All leaf chains manufactured are pre-stressed (pre-loaded) to a load that is at least equal to 40% of the FB specified breaking load (UTS).

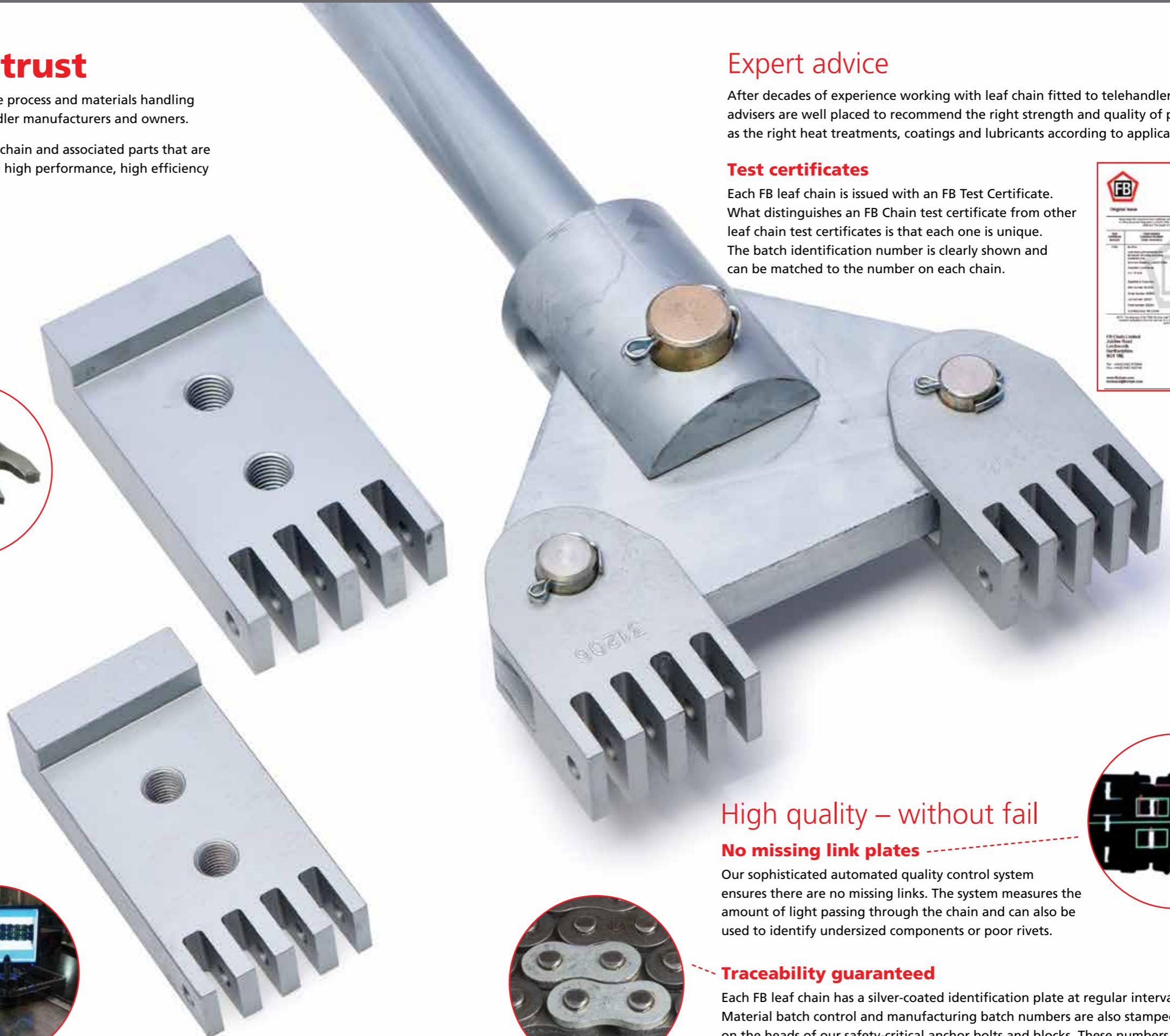


### Expert advice

After decades of experience working with leaf chain fitted to telehandlers, our technical advisers are well placed to recommend the right strength and quality of product, as well as the right heat treatments, coatings and lubricants according to application.

#### Test certificates

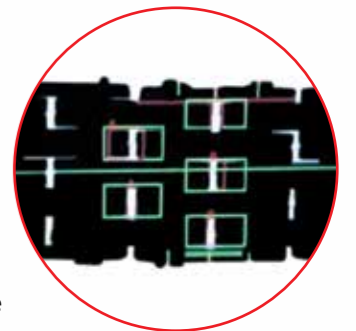
Each FB leaf chain is issued with an FB Test Certificate. What distinguishes an FB Chain test certificate from other leaf chain test certificates is that each one is unique. The batch identification number is clearly shown and can be matched to the number on each chain.



### High quality – without fail

#### No missing link plates

Our sophisticated automated quality control system ensures there are no missing links. The system measures the amount of light passing through the chain and can also be used to identify undersized components or poor rivets.



#### Traceability guaranteed

Each FB leaf chain has a silver-coated identification plate at regular intervals. Material batch control and manufacturing batch numbers are also stamped on the heads of our safety-critical anchor bolts and blocks. These numbers are linked to a unique FB Chain test certificate, issued for every length of leaf chain as standard and for bolts and blocks on request. FB Chain test certificates also show the customer order number and even job and fleet numbers if required.

