

HIGGINS BALERS LTD
RENEWING, REPAIRING, REPLACING

Alligator Shears

Total quality

Engineering, Design and
Manufacturing is our Trademark

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Industrias Hidráulicas, s.a. designs and manufactures a wide range of balers, shears and rotary shears for processing scrap and other waste. Efficient, heavy duty and reliable machines for high productivity and minimum maintenance.

Higgins Balers Ltd and **Industrias Hidráulicas, s.a.** have been working together for many years. With the expertise of both companies you have the complete package for machine, installation and ongoing support.

Industrias Hidráulicas, s.a.



OUR COMPANY

Industrias Hidráulicas S.A. "MOROS"

Industrias Hidráulicas S.A. "MOROS" has been designing and manufacturing machinery for more than 56 years. Our range includes high quality balers, shear-balers and rotary shears for working with ferrous and non-ferrous materials, in the following categories:

- Stationary balers: one, two or three compression balers, as well as high production and high density balers;
- Shear-balers with pre-compression wings, lateral compression shears, and lateral compression shears with adjustable angle system;
- Mobile and portable balers and shears; and
- Other machines such as paper balers, rotary shears and alligator shears.

Our machinery for recycling can be adapted to any customers need.

MOROS has agents worldwide, providing after sales service and maintenance.

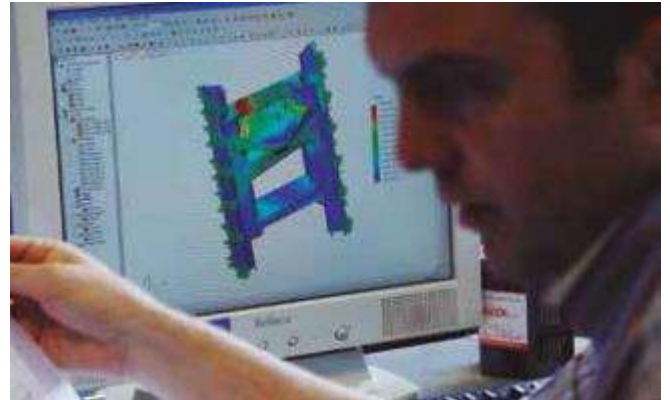
Your UK agent is **Higgins Balers Ltd**: www.higginsbalers.com or email: info@higginsbalers.com



Agents worldwide: Argentina • The Benelux Countries • Bolivia • Brazil • Bulgaria • Chile • China • Ecuador • France • Germany • Greece • Italy • India • Kazakhstan • Kyrgyzstan • Mexico • Mongolia • Paraguay • Rumania • Russia • Saudi Arabia • South Africa • Tajikistan • Turkmenistan • Turkey • Ukraine • UK & Ireland • United Arab Emirates • USA & Canada • Uzbekistan

DESIGN

Each of our models has been designed after reviewing case studies and carrying out extensive calculations, prior to modelling the information in CAD technology and applying the latest simulation techniques. The whole process is complemented by our vast experience in the design, manufacture and maintenance of machinery.



EVOLUTION AND FLEXIBILITY

Our machinery constantly evolves. Through innovation, our constant review process, and our years of dedication to the scrap recycling market, allow MOROS to satisfy all our customer's needs.

With the design and manufacturing processes carried out 'in house' we have the capabilities and capacities to adapt our machinery to meet specific client requirements.



QUALITY

All our manufacturing methods follow our strict quality control standards, which are updated regularly, ensuring the quality of production you would expect from a successful, global manufacturer.



 QR Code

Scan the code with your phone to see the MOROS corporate video.

AFTER SALES

MOROS customer service is well known worldwide and supported by Higgins Balers in the UK and Ireland. We now support customers and machines with new e-monitoring devices, reducing unscheduled stops. Moreover, we ensure spare parts are available throughout the life of the machine, as we manufacture almost all of the components ourselves; those we don't, we generally carry in stock, so they are ready for delivery.

In addition we keep a record of all the machines we have manufactured in the last 56 years making spares tracking easier.



Industrias Hidráulicas, s.a.



Alligator Shears

Our alligator shear range has been manufactured with the standards of quality that we at MOROS use on the bigger shears.

The gap between blades can be easily regulated for more accurate cutting and optionally they can incorporate automatic functioning.

SHEARS TO CUT NON-FERROUS MATERIAL



H-M-10/H-M-11

Fast shears (15-22 cuts/minute).
Optional automatic function available.



H-H-11 "Nutcracker"

Special shear to clean non-ferrous materials.

TECHNICAL
FEATURES

TECHNICAL FEATURES	H-M-10	H-M-11	H-K-15	H-H-11
CUTTING FORCES (tonnes)	65	45	65	33
LOADING BOXES (metres)	325	325	600	-
ELECTRIC POWERS (kW)	10	10	15	10
MILD STEEL CUTTING CAPACITIES (round/squares)	15 – 16	21 – 22	20 – 30	-



H-K-15

The H-K-15 is very fast and designed to work with non-ferrous, for example, radiators. An inclined version is also manufactured to ease the loading of bars, which incorporates a tilting hopper and an adjustable bump stop.

FERROUS METAL SHEARS



H-K-10

Shear to cut steel.



H-J-15

This model is very versatile as it can work with ferrous and non-ferrous materials thanks to its 2 speed settings: a low speed to work with steel and a faster one to work with other metals. It includes a hydraulic hold down and a single piece cast head to reduce volume before cutting. It is optionally available with crusher H-model F-30.



H-F-30

The H-F-30 is especially designed to work with steel. It has a reinforced structure provided by its automatic hydraulic hold down and its single cast steel head. It includes a crushing anvil at the front (optional in the H-J-15 model) to reduce the volume of the material

H-J-15	H-F-30
120	220
600	750
15	30
25-40	10-30



www.moros.com

In Association with

HB

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For all your recycling needs

Industrias Hidráulicas, s.a.

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