

# MOROS



**HIGGINS BALERS LTD**  
*RENEWING, REPAIRING, REPLACING*

## **GCV Presses** **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.

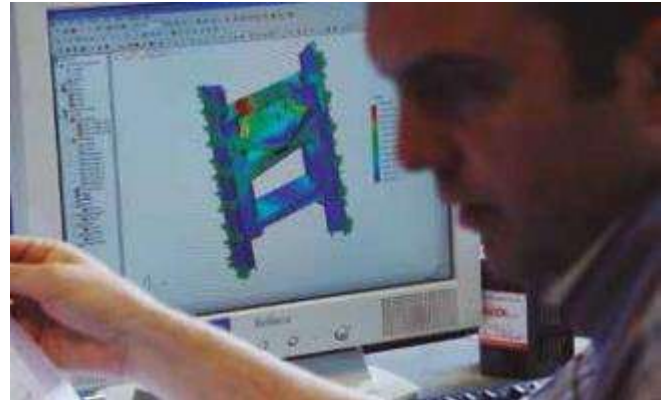
Your UK agent is **Higgins Balers Ltd**: [www.higginsbalers.com](http://www.higginsbalers.com) or email: [info@higginsbalers.com](mailto:info@higginsbalers.com)



**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.



# Profitability in High Density

## GC-V Press

The GC-V range was created to meet the market need for a high density range with lower production ranges than the GC-S. The GC-V also incorporates all the advantages of vertical cutting with the second compression.

Like the GC-S range, these machines incorporate an anti-jamming system, large loading boxes and high cutting force for excess material.



### An unjammable System

The cutting is done vertically with the second compression and instead of a fixed bridge of blades there is a V-shaped guillotine. This design virtually eliminates unscheduled downtime.

Due to the absence of the fixed bridge of blades, the loading area is bigger since it can use the last compression box. In addition, the cutting force is much higher (90% of the final compression force) because is done with the second compression instead of the first one (50% of the last compression force). The system also allows for recharging whilst performing the press cycle.



TECHNICAL  
FEATURES

### TECHNICAL FEATURES

### GC-V

COMPRESSION FORCE(tonnes)

210; 280; 310; 550

LOADING BOXES (mm)

300x300; 400x400; 400x600; 600x600

ENGINE POWER

2 to 75hp; 2 to 100hp; 2 to 3 to 125hp



### High density bales and high production rates

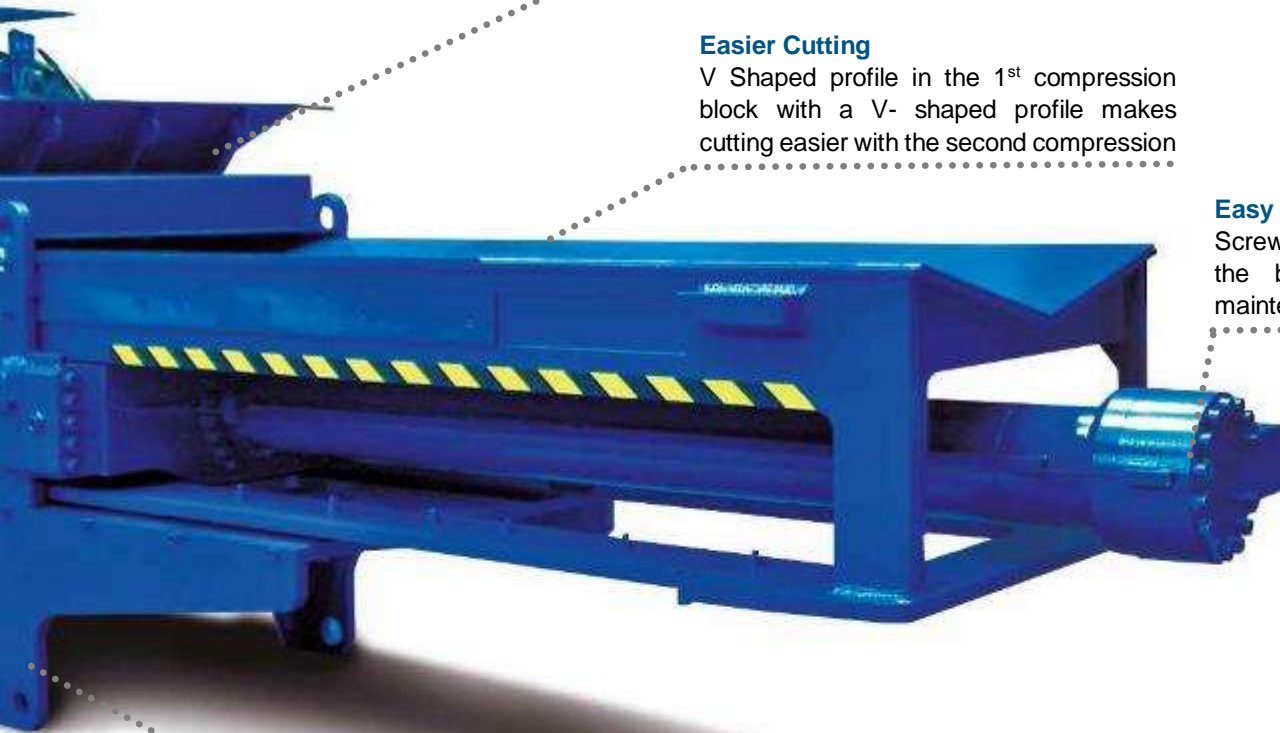
This range incorporates the latest innovations in electronics and fluid filtering, reducing maintenance stops. The latest trends in hydraulics allow very short baling cycles with minimum energy consumption. Submerged pumps reduce noise emissions. A truly environmentally friendly machine.

### Easier Cutting

V Shaped profile in the 1<sup>st</sup> compression block with a V- shaped profile makes cutting easier with the second compression

### Easy Maintenance

Screwed cylinders at the bottom to ease maintenance



### Installation without the need for foundations



### Wear Liners

In all areas in contact with waste, high strength steel, castellated changeable liners are used.



### QR Code

Capture the code with your phone and watch a video of **GC-V Press** video.



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

In Association with

**HB**

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**For all your recycling needs**

*Industrias Hidráulicas, s.a.*

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