HIGGINS BALERS LTD

RENEWING, REPAIRING, REPLACING

THE ADVANTAGES OF MOROS "GC-V" SCRAP BALERS

Most three compression scrap Balers cut excess scrap that has been charged into the loading chamber with horizontal blades located in the upper edge of the First Pre-Compression Ram and the fix blades built into the "fixed-bridge" of the second and third compression baling chamber.

The MOROS "GC-V" series balers use the Second Compression Ram, with shear blades attached, to cut the excess scrap that has been charged into the baling chamber with the first Pre-compression Ram. This fundamental difference in the design offers several important advantages for the performance and maintenance of the Baler. Some of them are:

1. Since the MOROS "GC-V" Balers do not have a "fixed-bridge" with blades, the entire length of the Pre-compression box is open and can be used for feeding in the scrap. You can get more volume in the same opening with an overall shorter length compression box. This means a faster cycle time because there is shorter stroke used by the hydraulic cylinder.
2. On all three compression balers, the Second Compression Ram has greater force than the First Compression Ram. On the MOROS "GC-V" Balers the Second Compression Ram actually makes a guillotine type shearing action and shears the excess scrap, against the specially designed blades which are mounted in a "V"-form on the upper edge of the Pre-Compression Ram. So, a bigger shearing force is available when necessary.
3. The maintenance of the blade clearances with this special vertical cutting design is more easily maintained and longer lasting. This ease of maintenance and longevity is harder to maintain on conventional Baler designs, because of the constant wear on the wear plates that surround the first compression ram. When the blades on the MOROS Baler need adjusting, all that is required is to turn a "locking-nut", on the First compression Ram to increase its stroke, thus decreasing the gap between the two sets of cutting blades.
4. Another important advantage of the "GC-V" series Balers is that if an "over- sized" bale is made, the ease of removing the bale from the Baling chamber can reduce downtime. With Conventional Balers, that incorporate the "fixed bridge" design, the over-sized bale can lodge itself within the closed baling chamber. On the "GC-V" series, all it requires is to retract the First and Second Compression Ram to expose the entire bale for easy removal. This saves time, which is money to a high production operation.

State-of-the Art Heady-Duty construction and design of the MOROS "GC-V" Series Balers.

The new "GC-V" Series Balers are a result of research, development, and many years of practical experience and operations throughout Europe.

The enhancements of our computer software allows us to examine and model in detail, the stressed that are exerted on each critical area of the Baler under the most severe working conditions that exist when shearing and baling scrap metal takes place. The experience and engineering expertise results in the MOROS "GC-V" Balers being constructed with high integral strength so it can provide long lasting life, greater efficiencies and productivity throughout the rigors of daily operations.

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Units 1 – 4, The Forge, Clensmore Street, Kidderminster, Worcestershire. DY10 2JS. Registered in England No: 9908239

Tel: + 44 (0) 1562 824406 *www.higginsbalers.com* *email: info@higginsbalers.com*