

PROFORMA INVOICE, QUOTATION AND SPECIFICATION DATA FOR A MILD STEEL MODEL 3434 DUAL SHAFT SHEAR SHREDDER WITH A 40 HP DUAL (TWO 20 HP) DRIVE MOTORS FOR USE IN VARIOUS SHREDDING APPLICATIONS INCLUDING PASSENGER TIRE SHREDDING FOR 2" CHIP PRODUCTION FROM GLOBAL DEVELOPMENT INTL AND SHREDDERHOTLINE.COM COMPANY INC.



Global Recycling Systems, with the City of Stamford CT, the City of Louisville KY, Bristol Myers Squibb, GM, Boeing and 8000 other satisfied users worldwide.....

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File Created :October 16, 2005

File Printed :June 4, 2009

The photo below is of the 3434 unit with a typical dual drive arrangement. Unit is not painted and shows the bare steel arrangement with a standard infeed hopper. Ram Feed Hopper is provided to allow for Bulky materials such as Pallets or Steel and Plastic Drum shredding to ensure forced contact with the shafts with this 13" shaft center design unit.

The Mild Steel Model 3434 Shredder can be easily used for passenger tire shredding as well as steel and plastic drum shredding with the use of a Ram Feed and although we would prefer to see the use of a larger unit with a 16" shaft center

distance for tire shredding or drum shredding, this smaller model can do the job and has performed well in this application field for over 35 years.

The Stainless Steel version is needed for Medical Waste or Battery Shredding but can also do the job of steel and plastic drum shredding and a wide assortment of other waste materials, but should be washed down between uses to prevent contamination of the material being shredded.

It is advisable to use a separate machine for Medical Waste, Battery Shredding and Drum Shredding due to possible cross contamination, but the design of the 3434 shredder does allow for a changout of the cutting assembly where you could easily change the unit with a complete cutting assembly to prevent contamination of materials between operations, in essence you get two separate cutting chambers but use the main frame and drives for different applications.

Basic particle size of the shred for tires using a 2" wide cutter for the steel drum is a piece 2" wide by 6" to 8" long. The same will be for the plastic drum and in some cases can be much longer due to the stringy nature of the material during shredding.

If a 2" by 2" chip is required then a recirculation package is provided to take the oversize back into the machine for re-shredding.

If in specific materials such as plastic if a smaller chip is needed for plastic drum shredding then the use of a single shaft grinder Model 3036 would be better to make a flake type chip.

Steel Drum Shredding requires the use of a Shear Type Shredder. Low Level Nuclear Waste Densification, Battery shredding and other hazardous waste applications has been primarily accomplished using a slow speed shear shredder due to the low rpm and low dust environment of its shredding concept.



This is a photo of the 3434 unit with 13" shaft center distance design and opening of 34" by 34" for a wide variety of shredding (such as passenger tires, pallets, paper, and plastic) and other types of shredding environments. See the shredded tires under the unit as well as shredded steel drum stock and pallet material.

We also offer Special Vertical Hopper without Eject Door and Ram Feed Crusher.



This picture is of a larger 16" shaft center machine with a standard infeed hopper that when extended on the one side, can accommodate the Ram Feed for bulky material shredding.

This exact machine in blue is the 5444 shredder with a 75 Hp drive for tire shredding of passenger and truck tires on a 16" shaft center distance.



This picture shows a cart dumper assembly with a stainless steel hopper on a Model 3434 shredder for a medical waste application.

However this data sheet outlined the smaller Basic Model 3434 Shredder whose Specifications are :

Throat Opening – 34" long by 34" wide (unit can be made longer up to 65" long for very little money)

Shaft Center Distance – 13"

Cutter Diameter (Tip to Tip Double Hook) – 17"



This shows the shaft assembly of the 3434 shredder. One shaft is bare and one has the cutters and spacers and bearings on the assembly

Shaft Hex Size (Flat to Flat) - 5.5"

Cutter Width - 2" Standard Width (1 X 1 Single Stack Layout)

We use two basic designs for the Gearbox Drives depending on the reduction needed for the application. This is a Super High Ratio Dual Drive Electric Motors and High Ratio Gearboxes (One on Each Shaft) with 10 Hp on each shaft.



This is one of the two High Ratio Gearboxes that allows us to operate the unit with as low of Hp as 10 HP for many applications.

Hp Selected for Application from 10 Hp to 60 Hp with many standard selections in the 40 Hp to 80 Hp range.

Standard Hopper Included with Standard Stand Leg Height of 48" to 60"

Control Panel and Motor Panel for System Function

General Price of Unit Quoted for Each Application



This is a picture of the cutter assembly with a 2.5" wide cutter stacked 1 X 1 for a 2" wide cut. This picture shows replacable hook inserts that are not standard for most machines but can be provided for special applications. Not the size of the opening which is 34" long and 34" wide .

The main quotation is for a mild steel 3434 shredder with a ram type hopper for steel and plastic drum shredding. However, we have included data on the Recirc System drawing outlined above as it has applications for tire recycling when one machine is used to make a fuel chip or to make an aggregate substitute chip.



This is a typical linear tire system to make a small granule.



This is a real system that shows what the systems are like when installed in the real world, that performed a cleanup with 3 million tires in New York.

The Shredder System with the recirculation package is comprised of:

1. Infeed Rubber Belt Conveyor Package (Included in price for the recirculation chip system, or can be provided upon request)
2. One Primary Shredder Model 3434, 50 Hp Shear Shredder with 13" shaft center distance and 2" cutters for primary cutting with special super torque 10 hp drive design. This unit can also be fitted with 2.5" thick cutters, or 1.5" thick cutters with this Hp arrangement, for particle sizing to include Passenger Tire Shredding to produce different chip sizes.

3. Recirculation Rubber Belt Conveyor Package with Recirculation Trommel for recirculation of primary shred to produce a fuel chip form. (Price for this item is included in the pricing)
4. Spare Parts can be ordered for the system and it is recommended that these include a complete shaft assembly group, that is comprised of two shafts for each machine, mild steel cutters, spacers, cleaning fingers, side plate, bearing assemblies and torque coupling half. Price of this package for can be provided when needed but is normally 1/3 of the price of a new machine.
5. Pricing is FOB Closest China Port. Normal Freight worldwide is billed and paid by Customer and is about \$3,500.00 to \$4,500.00 for one container. Taxes Duty and Customs Fee will be billed and paid to Customer Broker when incurred and are normally about \$500.00, depending on the Country of Entry.

6. Price of Mild Steel Shredder System as outlined above is \$50,000.00. The machine is ready to install and operate with motor starters and control panel for automatic operation of shredding system. All is CE approved.
7. Terms of Order, As Required by the Credit Department, but normally 50% with order, 25% within 30 days and final payment upon notification to ship. Shipment approximately 90 to 120 days after receipt of order confirmation and downpayment. If the unit is to be shipped immediately then funds will be wired to our group to effect an immediate shipment.
8. 12 month warranty on equipment and two day factory supervised startup supervision within the Continental USA, with two week advance startup notice by your group, for a minor fee of travel costs only.

This concludes our proposal.

End of Specifications for Quotation Purposes

Invoice Amount for Order:

One Mild Steel Unit (1) at \$50,000 with no Conveyor and Trommel Package for Chip System Design

Total Order for One (1) Units is \$50,000.00

Ex Works China Plant. If we provide shipping to closest port that will be outlined in our emails to your group.

Terms : As outlined above

Engineering and Margin Payments are paid in full with order, if quoted.

Shipping cost is paid with the order or when notification of final price of shipping is confirmed from Asia and paid direct to customs broker by Buyer as invoiced and approved during the course of this business transaction.

We have Corporate banking in USA and Canada.

Canada Banking Data: Payments Made to Global Development via Check or Via Wire:

Canada Office:

Main Wire Transfer Banking for Shredderhotline.com Company is accomplished via the RBC Royal Bank in Canada

Banking Wire Transfer Data:

RBC Royal Bank

Account of Shredderhotline.com Company
Account Number 06781-4002085
Swift Number - ROYCCAT2

Branch Number 003

All funds unless notified in writing for this quotation are in US dollars.

Send Funds to the Name Account to: Shredderhotline.com Company

Duplicate Data:

General Bank Data:

Funds are being sent to RBC Royal Bank
Branch Location at : 1427 Graham Boulevard

Mount Royal, Quebec, Canada H3P 3M9
Phone – 514-340-3080
Fax – 514-340-3090
1-800-769-2511

General Data : Funds are deposited in any currency and converted to US Currency in this Account by the RBC Bank for Shredderhotline.com Company. You can only use the name of Shredderhotline.com Company for the wire transfer. The name must be exact as outlined above.

Sincerely,

Dan Burda, President Global
Development

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Worldwide Manufacturing and Consultation, Turnkey Manufacturing Systems, Industrial Equipment, Environmental and Recycling Equipment, OEM/OE Production Systems and Parts, Contract Engineering Design and Consultation, Domestic and Worldwide Sales and Marketing Services, Domestic and International OEM/OE Manufacturing Services, Import and Export Consultation and Coordination Services, and Strategic Planning, Appraisal Services, Equipment Location Services, Acquisition and Liquidation Services, Product Liability Evaluation Services, Product Design Evaluation Services.

The statements included in this data concerning predictions of economic performance and management's plans and objectives constitute forward- looking statements made pursuant to the safe harbor provisions of Section 21E of the Securities Exchange Act of 1934, as amended, and Section 27A of the Securities Act of 1934, as amended. These statements involve risks and uncertainties that could cause actual results to differ materially from the forward-looking statements. Factors which could cause or contribute to such differences include, but are not limited to, factors detailed in the Securities and Exchange Commission filings of the company, economic downturns affecting the operations of the company or any of its business operations, the continued availability of financing to fund the company's operations, and the ability of the company or its investment banker to successfully identify and reach an agreement on the sale of the company or its operating units. The forward-

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