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GLOBAL-RECYCLING-EQUIPMENT.COM

MAKERS OF SHREDDERS SINCE 1966



DATA FOR A SECONDARY TIRE RECYCLING SYSTEM TO PRODUCE A WIRE FREE ½" GRANULE, WITH A DUAL GRANULAR SYSTEM TO MAKE A 10 AND 20 MESH CRUM FROM A

ROUGH TIRE SHRED, INTO MULTIPLE
FINISHED PRODUCTS



NOW AT AN AFFORDABLE PRICE, RANGING IN
COST FROM \$250,000.00 TO \$450,000.00 TO
\$650,000.00 FOR THE ENTIRE SYSTEM WORTH
MILLIONS....SO SHALL YOU ASK US HOW AND
WHY?????

PRICING IS BASED ON THE DESIGN AND
CAPACITY....SO YOU TIRE BOYS CAN NOW
START MAKING MONEY IN THE TIRE
RECYCLING FIELD WITH VALUE ADDED
PRODUCTS.....



WE DESIGN WHAT WE MAKE, AND WE MAKE
WHAT WE SELL...WE ARE NOT BROKERS...WE
ARE INVENTORS....WE ARE MANUFACTURERS
SINCE 1966...MAKING RECYCLING
EQUIPMENT...SHREDDING
LINES...PROCESSING LINES...TURNKEY
SYSTEMS FOR EVERYTHING IN THE
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GRANULAR AND CRUM TIRE (TYRE) RECYCLING SYSTEM DATA:



INFEEED CONVEYOR AND RASPER TO TAKE
PRIMARY SHREDS TO ½" WIRE FREE AND THEN
FURTHER TO A 10 AND 20 MESHES



SETUP OF PRIMARY RASPER IN SYSTEM PRIOR TO ACCEPTANCE TESTING AT CLIENT FACILITY



FINISHED SYSTEM WITH RASPER AND
MAGNETIC SEPARATION AND GRANULE
SCREENING SYSTEM



INSIDE VIEW OF OUR 400 HP RASPER
DESIGNED TO TAKE TIRE SHREDS TO A ½"
WIRE FREE FORM. THE SYSTEM ALSO MAKES
CRUM DURING THE PROCESS AND IS
SCREENED FROM THE ½" FEED STOCK
MATERIAL FOR ADDED PROFIT...



SETUP VIEW OF SECONDARY RASPER
GRINDERS IN SYSTEM



THIS IS THE SYSTEM SETUP AFTER THE AIR SYSTEM IS INSTALLED FOR FLUFF REMOVAL AND FINE DUST REMOVAL IN THE SYSTEM WHICH IS IMPORTANT TO TOTALLY ELIMINATE THE POTENTIAL OF DUST EXPLOSIONS



INSIDE VIEW OF OUR SPECIAL 7 BLADE
RASPER GRANULATOR CHAMBER TO MAKE
CRUM RUBBER IN THE 10 TO 20 MESH RANGE



SETUP VIEW OF AIR COLLECTION SYSTEM



FINISHED VIEW OF THE FIBER REMOVAL
SYSTEM AND
FINE MAGNETIC REMOVAL SYSTEM AND
CYCLONE SYSTEM AND GRAVITY SEPARATION

OF FLUFF WITH BAG HOUSE SYSTEM FOR 10
AND 20 MESH COLLECTION



(SHREDDING SYSTEM PROVIDED SEPARATELY
FOR UP FRONT PROCESSING OF WHOLE TIRES

TO FEED STOCK SIZE FOR THIS SYTEM)



OPTIONAL SHREDDING SYSTEM FOR MAKING
THE SHREDDED STOCK FOR THE GRANULAR
SYSTEM IN THIS OFFERING



INFEED (FEED) STOCK :
ROUGH 2" TIRE SHREDS OR 2" TIRE CHIPS





OUTPUT (END PRODUCT) STOCK :



OUTPUT OF GRANULAR PRODUCT FOR THIS SYSTEM IS 4,000KG/HOUR (4 TON PER HOUR)
WIRE FREE LANDSCAPE, PLAYGROUND, AND BEDDING MATERIAL, IN THE 6MM (¼") AND PREDOMINANT "GRANULAMETRIC CURVE" RANGE OF 12MM (½") - GRANULAR TYPE, RECYCLED TIRE MATERIAL



FIRST STAGE VIEW OF WIRE REMOVED FROM
TIRE CHIP PRIOR TO SECONDARY CLEANING
OF WIRE BEFORE BALING



FIRST STAGE FLUFF REMOVAL FROM PRIMARY
AIR SYSTEM



THIS DATA IS FOR A SYSTEM DESIGN FOR THE
FURTHER REDUCTION OF THE $\frac{1}{2}$ " MINUS
GRANULAR MATERIAL INTO A CRUM MATERIAL



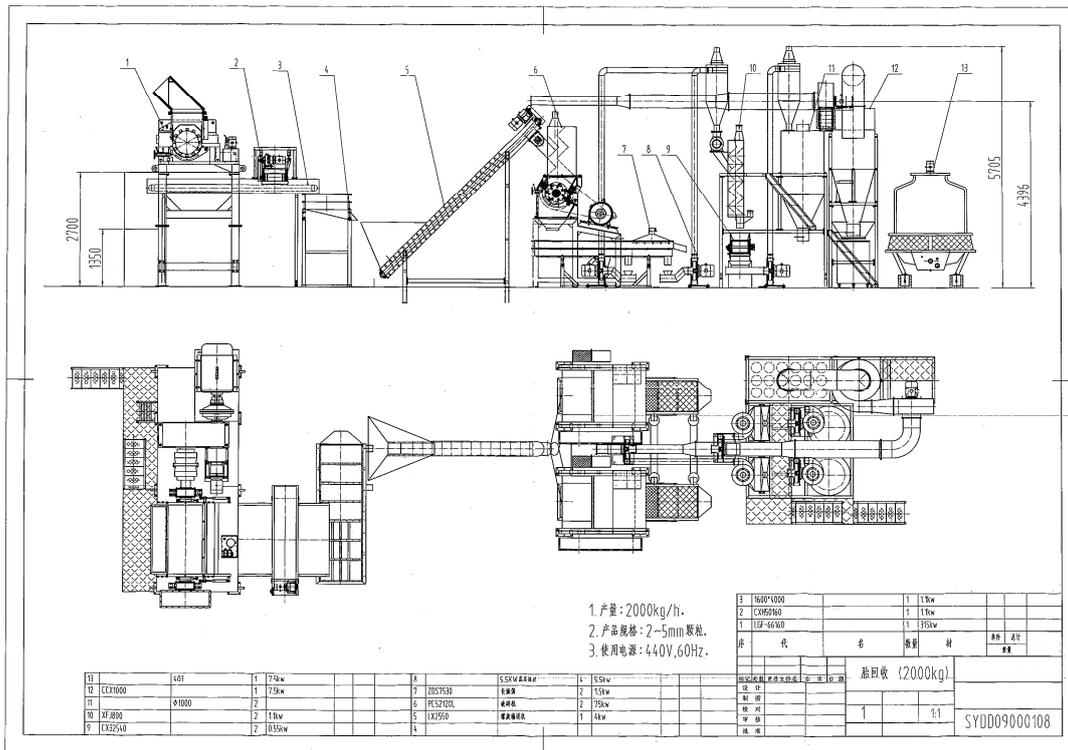
OUTPUT OF CRUM MATERIAL FOR THIS SYSTEM IS 2,000KG/HR (2 TON PER HOUR) WIRE FREE AND FIBRE FREE (LOOSE), 8 TO 10 MESH (2.0 TO 2.5MM) CRUM MATERIAL (SCREENS CAN BE MODIFIED FOR OTHER MESH SIZES DOWN TO 15 MESH, OR FURTHER EQUIPMENT CAN BE ADDED TO MAKE FINER MESH SIZES IN THE 20 TO 30 MESH RANGE OR ULTRA FINE GRINDING SYSTEMS CAN BE ADDED TO THE SYSTEM



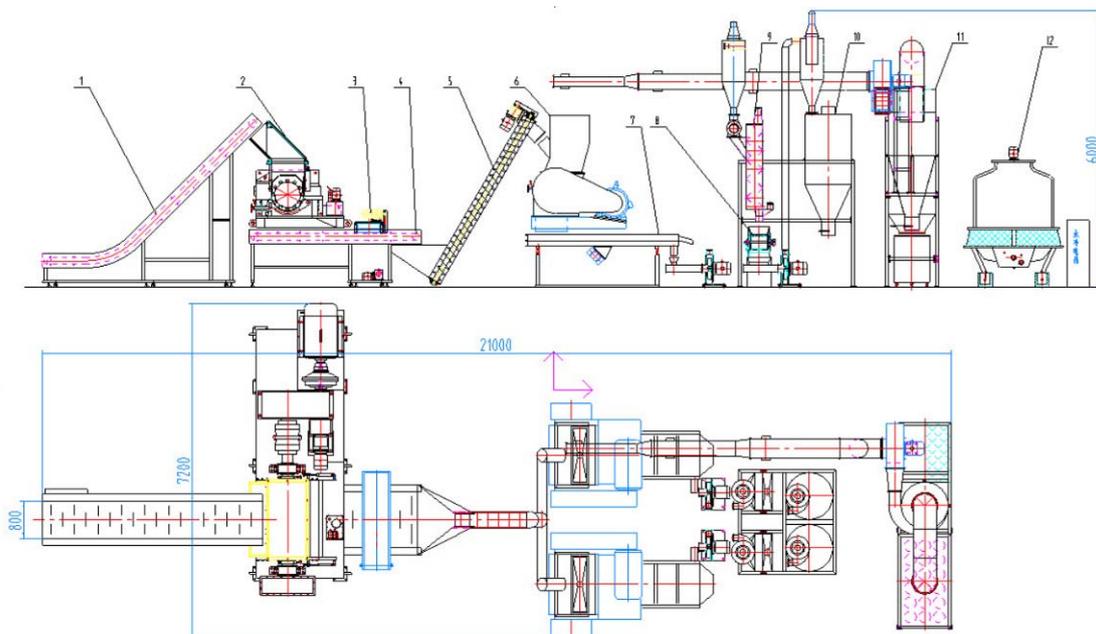
FINE GRIND SYSTEM INVOLVE MULTIPLE UNITS AND SPECIAL SCREENING EQUIPMENT TO ENSURE THAT THE PRODUCTION AND QUALITY MEETS CLIENT STANDARDS

TYPE OF SYSTEM : [AUTOMATIC SYSTEM](#)

OEM MANUFACTURING PRICE : MAIN SYSTEM PRICE SHOWN ABOVE START AT \$243,000.00 FOR STARTER SYSTEM, AND CONTINUE AT \$443,000.00 FOR STANDARD SYSTEMS, AND FINISH WITH OUR FULL PRODUCTION LINE SYSTEMS STARTING AT \$643,600.00 EX WORKS.....



SEE ALTERNATE LAYOUT BELOW OF THE RASPER GRANULAR AND CRUM SYSTEM ALSO SHOWN IN THE PHOTOS ABOVE.....



THIS LAYOUT ABOVE IS FOR THE GRANULAR LINE SHOWN IN

			LGF66200		
\$4,000.00	3	Rasper Output Conveyor	1200x2000mm	1.1KW	1 set
\$7,000.00	4	Steel Wire Magnet (Cross Belt Magnet)	500x1800mm	1.5KW	1 set
MH Package	5	Screw loader	WHD-2540	4KW	1 set
\$125,000.00	6a	10 Mesh Granulator	PC52120	100KW??	1 set
\$125,000.00	6b	10 Mesh Granulator	PC52120	100KW??	1 set
MH Package	7a	Vibrator(Fiber Separator)	1000x4000mm	1.5KW	1 set
MH Package	7b	Vibrator(Fiber Separator)	1000X4000mm	1.5KW	1 set
MH Package	8a	Fiber collecting unit A	200 liter	3KW	1 set
MH Package	8b	Fiber collecting unit B	200 liter	3 KW	1 set
MH Package	9a	Air loader		5.5KW	1 set
MH Package	9b	Air loader		5.5KW	1 set
\$21,000.00	10a	Steel Wire Magnet (Cross Belt Magnet)	500 X 2000mm	1.5KW	1 set
\$21,000.00	10b	Steel Wire Magnet (Cross Belt Magnet)	500 X 2000mm	1.5KW	1 set
MH Package	11a	Fine Fiber separator		0.75+0.75KW	1 set
MH Package	11b	Fine Fiber separator		0.75+0.75KW	1 set
\$22,800.00	12a	Final Steel separator		0.55KW	1 set
\$22,800.00	12b	Final Steel separator		0.55KW	1 set
MH Package	13	High pressure blower and hopper		3KW	1 set
MH Package	14	Water cooling system		7. 5kw	1set
MH Package	15	Dust collect center		11kw	1set
As Quoted in E Mails	16.	Installation Supervision			1
As Quoted in E Mails	17	Installation Expenses			1
Included	18	Control panel and Motor Panel with Sensors for RPM and Temperature Control	CE/UL PROVED		1 set
\$15,000.00	19	Test Visit	2 to 4 Days		1
\$10,000.00	20	Startup Visit	2 to 4 days		1
SHIPPING	21	Ex works	6 containers est.		6

Total Investment in Shredding Equipment	\$643,000.00
Shipping and Install and Setup of Equipment	\$100,000.00
Company Startup	\$100,000.00
Input Feed Stock of Shredded Tires	5
Input Feed Stock of Actual Tires	500
Ouptut from Rasper for Metal	1.5
Output from Rasper of Rubber	3.5
Percentage of 1/2" Wire Free to Crum in Grind from Rasper via Rasper Screen	0.6
Output from Rasper for 1/2" Wire Free Granule	2.1
Ouput from Rasper via Rasper Screen of fine 10 to 20 mesh Material	1.4
	\$
Income per Tire for Waste Material into System	0.75
	\$
Steel Selling Price per Ton from Rasper System	55.00
	\$
Granule Selling Price (Bulk) per pound Rasper Screen	0.20
	\$
Crum Selling Price (Bulk per pound from Rasper Screen	0.15
	\$
Income from Tires into System from Recyclers	375.00
	\$
Income from Steel Sales per hour	82.50
	\$
Income from Granule Sales per hour	840.00
	\$
Income from Crum Sales per hour	420.00

Total Income per Hour for Granule and Crum and Steel	\$ 1,297.50
8 hour Gross Income	\$ 10,380.00
22 Day Monthly Gross Income Stream	\$ 228,360.00
Cost of System to Amortize	\$ 6,000.00
Building Rental per Month	\$ 6,000.00
Employee Cost with 10 employees at \$25.00 per hour per month	\$ 30,800.00
Total SG and A for Operation per Month	\$ 42,800.00
Maintenance and Operation Cost for System per Month	\$ 42,800.00
Operational Cost for Entire Operation per Month	\$ 85,600.00
Gross Profit per Month	\$ 142,760.00
Gross Profit per Year	\$ 1,713,120.00

These are real numbers for a Granule and Crum System Operation

Two men can handle the material into the system

Two men can handle the material out of the system

Two rover men to help out

Two maintenance men

Two Salesmen

IF YOU WISH TO ORDER THIS SYSTEM DESIGN PLEASE
CONTACT OUR OFFICE OR IF YOU WISH TO DISCUSS OTHER
SYSTEM DESIGNS AND PRICING PLEASE CONTACT OUR
OFFICE.....MAKING SHREDDING LINES SINCE 1966....WE MAKE
WHAT WE SELL...WE SELL WHAT WE MAKE...

DAN BURDA

SECOND GENERATION OWNER

SHREDDER FAMILY MAKING SHREDDERS SINCE 1966

SALES@SHREDDERHOTLINE.COM