

YLONG 宇龙



GATTUWALA
Energy Solutions Private Limited



Welcome to Gattuwala Energy Solutions Private Limited!



About Us :

At Gattuwala Energy Solutions Pvt Ltd, we are driven by a singular vision – to lead the way in sustainable energy solutions. As a premier manufacturer of high-quality biomass pellet machines, we are proud to have established ourselves as pioneers in the biofuel industry. With over 100 successful plant setups across India, our dedication to innovation, quality, and environmental sustainability has earned us the trust of clients nationwide.

We specialize in delivering end-to-end solutions, offering everything from advanced pellet and briquette machines to comprehensive EPC plant construction services. Our commitment extends beyond just providing products; we offer innovative services such as BOOT model solutions, operation and maintenance (O&M), and expert subsidy and licensing assistance, ensuring that each project we take on is optimized for success.

What sets us apart is our unwavering focus on excellence—from the cutting-edge technology embedded in our machinery to the seamless integration of our services. Our team of experienced engineers and professionals works tirelessly to provide cost-effective, sustainable, and high-performance solutions, positioning us as a trusted partner in the renewable energy sector.

At Gattuwala, we believe in making a tangible difference in the energy landscape, and we are committed to empowering a greener, cleaner future through innovation and reliability.



Mission :

At Gattuwala Energy Solutions Pvt. Ltd., our mission is to empower sustainable energy solutions by making biomass energy accessible and efficient for businesses worldwide. We strive to revolutionize the biomass sector by providing cutting-edge pellet plant setup services, including expert machine installation and comprehensive guidelines. Our core focus is on optimizing pellet machine technology to ensure seamless operations, increased productivity, and maximum energy efficiency. We are committed to supporting the global transition towards greener energy by simplifying and accelerating the process of biomass plant setup, fostering a cleaner, more sustainable future for all.

Vision :

Our vision is to become a global leader in the biomass energy sector by driving the widespread adoption of sustainable energy solutions. Through innovative technology, seamless pellet machine installations, and expert guidance, we aim to simplify the setup of biomass plants, ensuring they operate efficiently and sustainably. We are dedicated to contributing to a cleaner planet by providing businesses with the tools and knowledge they need to harness the full potential of biomass energy for a greener tomorrow.

Leading the Way in Biomass Pellet Innovation !

| www.gattuwala.com

Our Offering Products

YU LONG

The 8th Generation Pellet Mill

Technical Parameter

Model	Size(MM)	Weight(T)	Capacity(T/H)	Power(KW)
XGJ560+8	2438*1584*1818	5.3	1.5-2	132+0.55+0.05+2.2+0.13
XGJ560+8	2438*1584*1818	5.9	2-2.5	160+0.55+0.05+2.2
XGJ2-850+8	2866*1830*2190	13.6	3-4	250+4+0.55+0.05+3+0.15

Single-shaft high-efficiency Hammer Mill

Technical Parameter

MODEL	MAIN MOTOR (KW)	Rpm of shaft (r/min)	NO. OF BLADE
GXP 75 * 75	75	2970	80
	90		
GXP 75 * 100	90	2970	104
	110		
GXP 75 * 120	132	2970	128
	160		
GXP 75 * 150	160+4	2980	126
	200+4		
GXP 130 * 120	315+3	2980	144
	250*2+3		192
	250*2+3		192

BIOMASS DRYER MACHINE

BIOMASS FLASH DRYER



DRYER MODEL	GTW - B750	GTW - B1500	GTW - B3000
WATER EVAPORATION(KG/H)	450	900	1800
DRY PRODUCT O/P (KG/H) @I/P MOISTURE<30%	1100	2200	4400
DRY PRODUCT O/P (KG/H) @I/P MOISTURE<45%	750	1500	3000
DRY PRODUCT O/P (KG/H) @I/P MOISTURE<50%	600	1200	2400
#FUEL CONSUMPTION (KG/H)	<115	<220	<400
CONNECTED LOAD(HP)	19.5	31	67



GATTUWALA HAMMER MACHINE

Model	Power (HP)	Capacity(T/H)
GTW - HM83	83 HP	1800-2000

Auxiliary Equipment



Moving Floor Hydraulic Silo



Pulse Dust Collector



Hydraulic Rectangular Warehouse



Roller Shredder



Technical Parameter

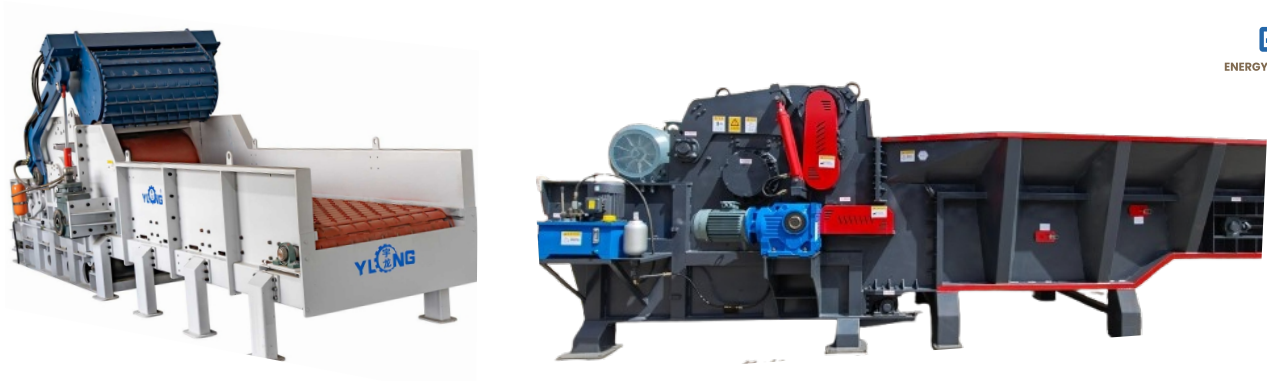
Model	Size	Power	Weight(T)	Capacity(T/H)
SSJ150	5900X2400X2700	55kwX2	12	3-8
		90kwX2		5-12
		132kwX2		8-20



DUAL SHAFT SHREDDER

Model	Power (HP)	Capacity (Ton)
GTW-60	60	2
GTW-80	80	2.5
GTW-120	120	4-5
GTW-150	150	5-7





T-REX SERIES

Technical Parameter

Model	Capacity(M3/H)	Power(KW)	Inlet size(MM)	The knife number	Weight (T)
TR-A6585	25-40	110+3+3+2.5+1.5	850x500	3	6.5
TR-A65120	40-80	160+4+4+2.2+1.5	1200x500	5	8.84
TR-A8085	70-150	(160-220)+7.5+3	844x620	(6)*	10.5
TR-A80130	100-200	(160-315)+11+3	1300x620	(10)*	15.5

WOOD PELLET CRUSHER

Technical Parameter

Model	Capacity(T/H)	Power(KW)	Inlet size(MM)	The knife number
TR-C90150	7-14	250X2	1470	32
	6-12	200X2	1470	32
	5-10	315	1470	32
TR-C2000	8-16	315X2	1870	40

SAW DUST MAKING MACHINE



MODEL	POWER (HP)	CAPACITY (kgs/h)
GTW-B50	50	1000
GTW-B75	75	2000
GTW-B100	100	3000
GTW-B150	150	4000-5000
GTW-B200	200	6000-6500

Cooling Equipment

Technical Parameter

Model	Capacity(T/H)	Power(KW)	Cooling Cubage (M3)	Cooling Time	Cooling Temperature
SKLN-1.5	1-2	1.1+0.18+5.5	1.5	>6-10	<3-5
SKLN-2.5	2-3	2.2+0.18+11	2.5	>6-10	<3-5
SKLN-4	4-6	2.2+0.25+22	4	>6-10	<3-5
SKLN-6	7-10	3+0.25X2+37	6	>6-10	<3-5
SKLN-8	10-15	3+0.25X2+55	8	>6-10	<3-5
SKLN-10	15-20	3+0.25X2+75	10	>6-10	<3-5



GTS Rotary Screener

Technical Parameter

Model	Capacity	Power
GTS1X2	1-2	1.5
GTS1.2X2	2-3	1.5
GTS1.5X2.5	3-5	1.5
GTS1.8X3	5-7	2.2
GTS2.2X4	8-10	4.0



Jumbo Packaging Machine

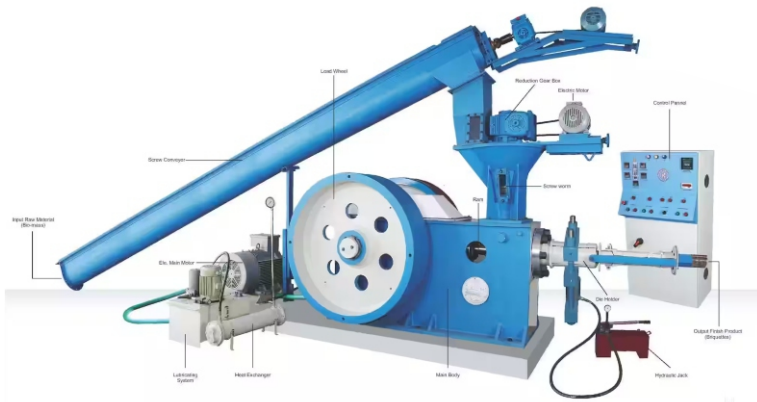


Belt Conveyor



Z – Type Belt Conveyor

Briquette Machine



Model	: "JUMBO-90"
Type	: Crank Type
Stock	: 200 mm
R. P. M.	: 230
Total Power Requirement	: 91 HP.
Production Capacity	(+ 20% Depending on Density and Quality of Raw Material) : 1000-1500 Kg/Hr.
Finished Products Size	: 90 mm Dia
Finished Product Shape	: Cylindrical
Finished Product Length	: 6" to 12"
Raw Material Form	: Up to 25mm Size can be Used Directly

Other Attachments :

Z - ELEVATOR



BIOMASS SILO



BELT CONVEYOR



SIEVER (VIBRATOR)



SCREW CONVEYOR





Roller Bearing



Ring Die



Roller Shell



Roller Shaft



Roller Assembly





Spare Parts



T-Rex-65
Flying Knife



T-Rex-80
Flying Knife



T-Rex-65
Fixed Knife



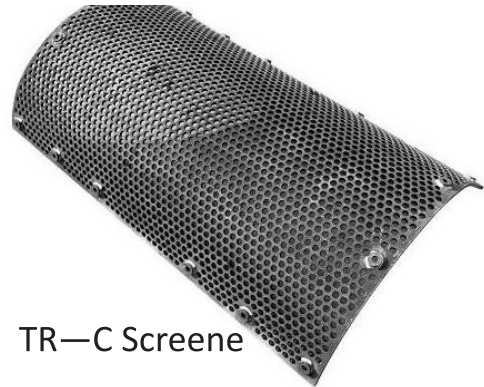
T-Rex-80
Fixed Knife



TR—C Hammer



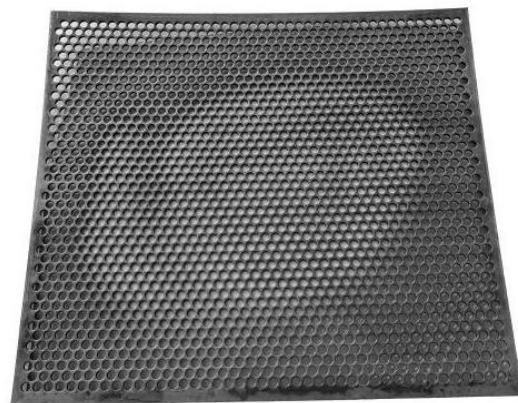
Hammer of Hammer



TR—C Screen



T—Rex Wood Chipper Screener



Hammer Mill Screener



AGROWASTE RAW MATERIAL TO MAKE BRIQUETTE AND PELLET



GROUND NUT SHELL
GROSS CALORIFIC VALUE
(GCV) Kcal/kg: 3800-4000



SUGARCANE TRASH (BAGGAS)
GROSS CALORIFIC VALUE
(GCV) Kcal/kg: 3800-4000



SOYABEAN HUSK (KUTAR)
GROSS CALORIFIC VALUE
(GCV) Kcal/kg: 3600-3800



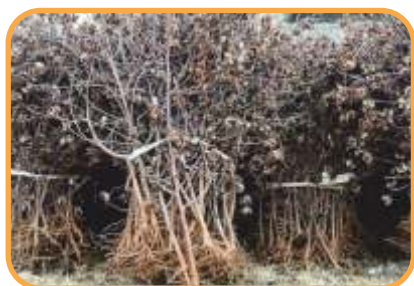
SAW DUST (WOODEN DUST)
GROSS CALORIFIC VALUE
(GCV) Kcal/kg: 4000-5000



RICE HUSK
GROSS CALORIFIC VALUE
(GCV) Kcal/kg: 3300-3400



Cashew Shell Waste
GROSS CALORIFIC VALUE
(GCV) Kcal/kg: 5000+



COTTON AGROWASTE
GROSS CALORIFIC VALUE
(GCV) Kcal/kg: 3600-3800



CORN COP WASTE
GROSS CALORIFIC VALUE
(GCV) Kcal/kg: 3600-3800



SUGAR CANE LEAVES
GROSS CALORIFIC VALUE
(GCV) Kcal/kg: 3800-4000



PARALI OR RICE STRAW
GROSS CALORIFIC VALUE
(GCV) Kcal/kg: 3300-3400



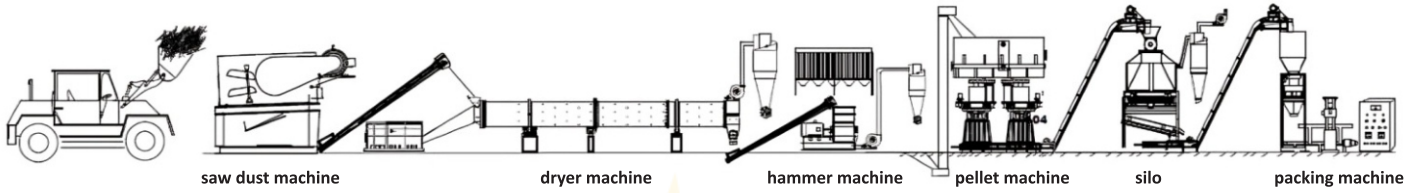
NAPIER GRASS
GROSS CALORIFIC VALUE
(GCV) Kcal/kg: 3800-4000



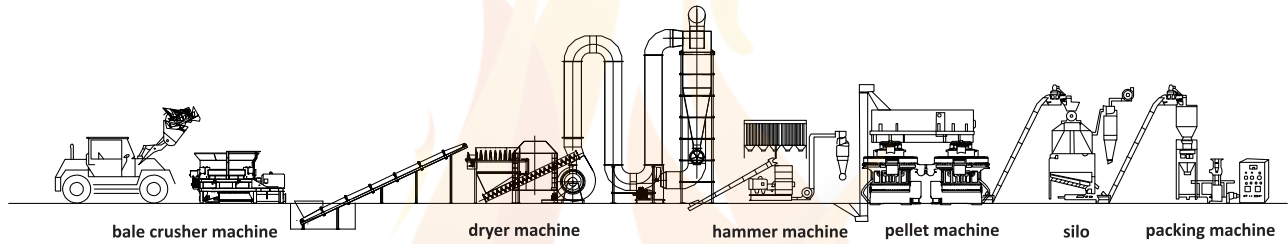
MUSTARD HUSK
GROSS CALORIFIC VALUE
(GCV) Kcal/kg: 3600-3800



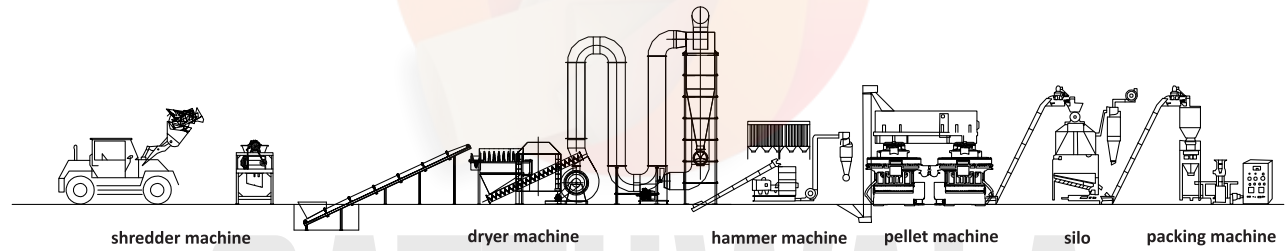
FLOWING CHART FOR WOOD PELLET PRODUCTION LINE



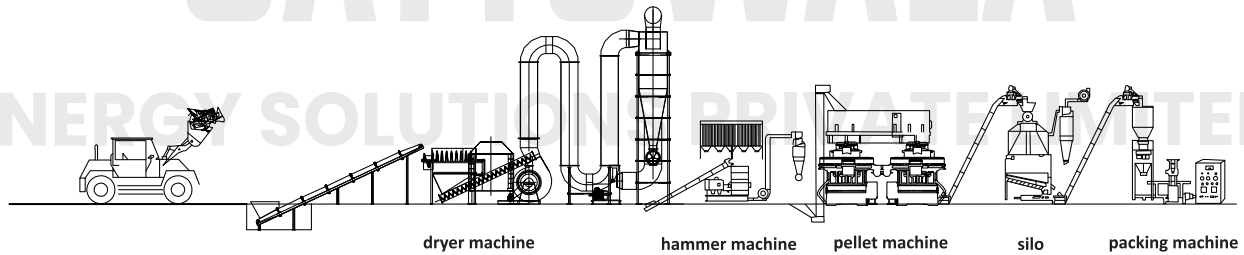
FLOWING CHART FOR PARALI PELLET PRODUCTION LINE



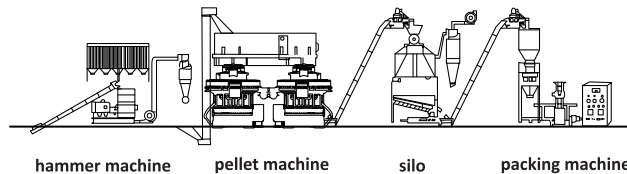
FLOWING CHART FOR BAGGAS PELLET PRODUCTION LINE



FLOWING CHART FOR WET AGRO WASTE PELLET PRODUCTION LINE



FLOWING CHART FOR DRY AGRO WASTE PELLET MILL PRODUCTION LINE



Our Additional Services

Plant Fabrication

Expertly designed and constructed fabrication solutions tailored to meet the specific needs of your biomass pellet plant.

Subsidies Documentation and Licensing

Comprehensive support for navigating subsidy documentation and licensing processes, ensuring a smooth and efficient application.

Sales Support

End-to-end sales support to help you market and distribute your biomass pellets, maximizing your business potential.

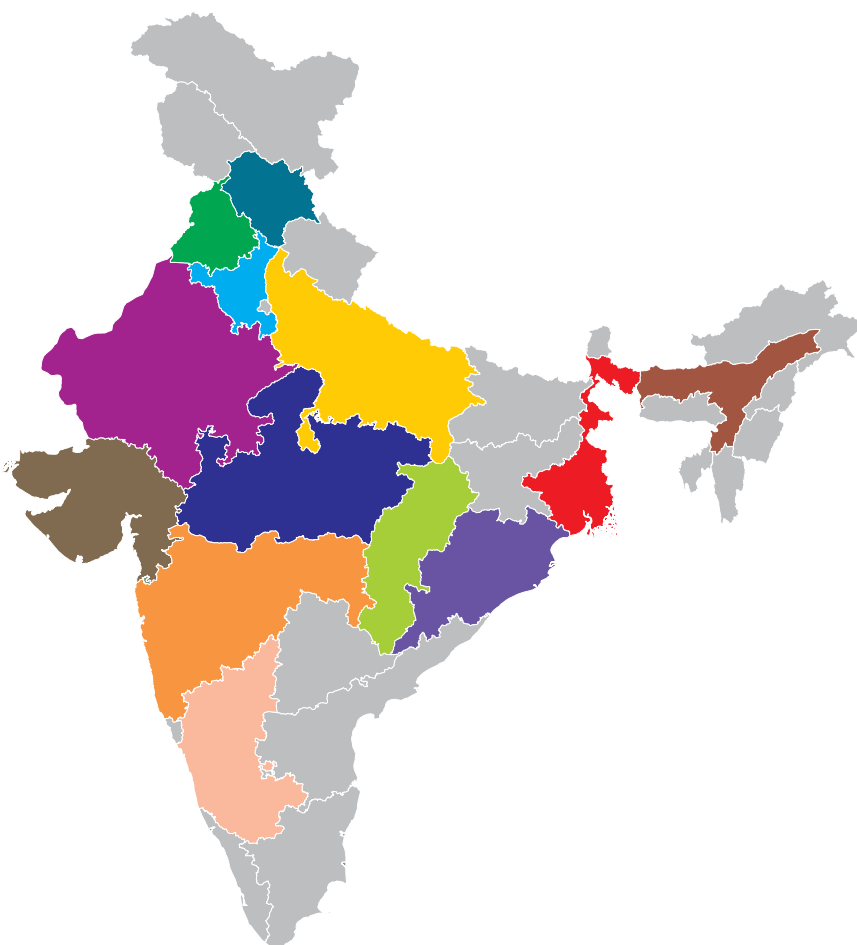
Power Plant Pellet Tender Enrollment

Professional assistance in enrolling and competing in power plant pellet tenders, giving you a competitive edge in the market.

Operation and Maintenance of Pellet Plants

Full-service operation and maintenance solutions to keep your pellet plants running efficiently and reliably.

WE SOLD MACHINE AT :



- MAHARASHTRA
- CHHATTISGARH
- ODISHA
- GUJARAT
- KARNATAKA
- U.P
- ASSAM
- M.P
- PUNJAB
- HARIYANA
- WEST BENGAL
- RAJSTHAN



Industrial Solar

Other Services Like Solar With Other New
Venture Vistara Energies











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