



2 The 8th Generation Pellet Mill



High-level Core Components

Ring Die: ultra-wear stainless steel, vacuum quenching, uniform hardness, high strength, long lifetime.

Roller: surface stacking super wear resistant alloy process, lifetime equal to ring die.

Roller bearings: high-temperature resistant bearings, enhanced compact arrangement

roller, raceway optimization structure, high loading capacity, long lifetime.

Stable Transmission System

Power input: Adopt flexible connection mode, no lubrication required, low noise.

Reducer: with lubrication cooling system, oil pressure real-time monitoring, worry-free all day long time operation; 5 times overworking conditions design of multi-stage hard helical gear, stable operation; bearing clearance can be adjusted with no remove machine, save maintenance time.

Saving & Convenience

Discharging system: Innovative rotary disc discharging system, all transmission parts are external, free from high temperature and corrosive environment, and the non-moving parts inside the discharging shell are made of stainless steel, with stable discharging and long service life.

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

3 Single-shaft high-efficiency Hammer Mill



Introduction

GXP Series single shaft hammer mill is using for crushing the small wood chips, wood shaving, wheat straw and other fibrous material, of course it also good for crushing corn and other grain animal feed raw materials.

This series hammer mill adopts steel plate welding structure, the motor and the hammer rotor are installed on the same base, and the drum gear coupling is used for direct transmission. The rotor can work forward and reverse after dynamic balance calibration; The top of the machine can be matched with various feeding mechanisms. This type of hammer mill can be widely used in biomass energy and feed processing industries.

Technical Parameter

Model	Rpm of shaft(r/min)	Qty of hammers	Power (KW)
GXP75X55	2970	42	55
GXP75X75	2970	60	75/90
GXP75X100	2970	78	90/110
GXP75X120	2980	96	132/160
GXPSS75X110	2980	192	110*2

4 Rotary Crushing Machine



Introduction

This series of rotary crusher can crush all kinds of crops straw, such as corn straw, wheat straw, rice straw, alfalfa, grass, etc. Also can crushing size less than 800x100x10 mm (thickness) of wood plate or wood batten and off cuts, veneer waste, etc. For bundles material don't need to break the bundle, it can be crushed directly by throwing it into the drum.

Technical Parameter

Model	Shaft Speed(r/min)	Qty of Hammer (pcs)	Tube Diameter (m)
XQJ200	2120	20	2
XQFST5x100	2780	96	2
XQFST5X150 (S)	2780	312	3.0

5 Roller Shredder



Technical Parameter

Model	Size	Power	Weight(T)	Capacity(T/H)
SSJ180	7600X2740X2960	90kwX2	25	6-12
		160kwX2		10-25
		250kwX2		15-35
		315kwX2		20-45
SSJ150	5900X2400X2700	55kwX2	12	3-8
		90kwX2		5-12
		132kwX2		8-20



T-Rex Wood Chipper



Wood Pellet Crusher

Introduction

T-REX SERIES

T-Rex Series Wood Chipper is a special equipment for producing wood chips, which is widely used in biomass energy industry raw material production and biomass power plant fuel storage.

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

Introduction

WOOD PELLET CRUSHER

TR-Cseries Crusher is mainly used for demolition materials, waste furniture, waste building templates and other raw materials containing a small amount of metal. It can directly crush raw materials into fine powder suitable for granulation.

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

7 Cooling Equipment



Introduction

The machine has a unique cooling mechanism, the cooling air and the pellets move in reverse, so that the materials are gradually cooled from bottom to top. It avoids the surface cracking of pellets caused by quenching in general vertical coolers. It also avoids problems such as pellets cracking caused by the difficulty of dissipating moisture and heat in the core of the pellets during the cooling time.

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

8 Rotary Screener



GTS Rotary Screener

Simple structure, smooth operation, reliable screening and equipped with cleaning device, large capacity, easy maintenance. It can be segmented screening according to meshsize.

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

9 Auxiliary Equipment



Jumbo Packaging Machine



Belt Conveyor



Z-Type Belt Conveyor

10

Auxiliary Equipment



Moving Floor Hydraulic
Silo



Hydraulic Rectangular
Warehouse



Pulse Dust Collector

11

Spare Parts



Roller Bearing



Ring Die



Roller Shell



Roller Shaft



Roller Assembly

12 Spare Parts



T-Rex-65
Flying Knife



T-Rex-80
Flying Knife



T-Rex-65
Fixed Knife



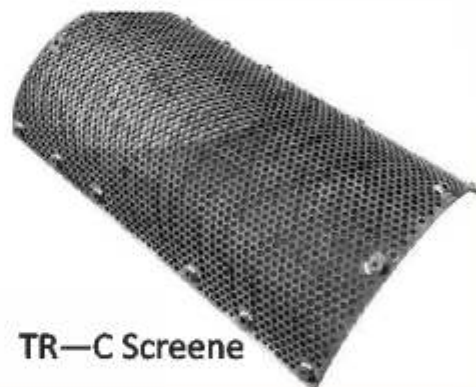
T-Rex-80
Fixed Knife



TR—C Hammer



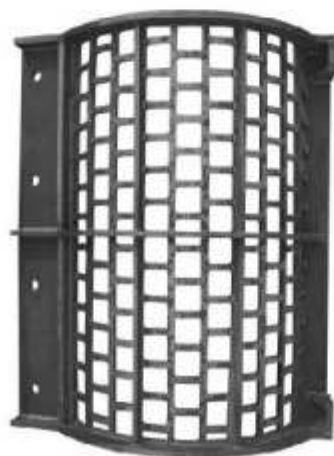
Hammer of Hammer



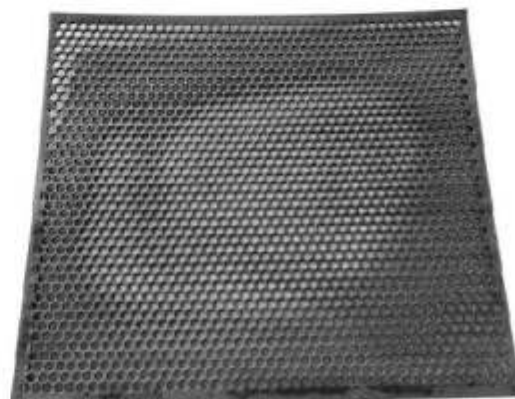
TR—C Screene



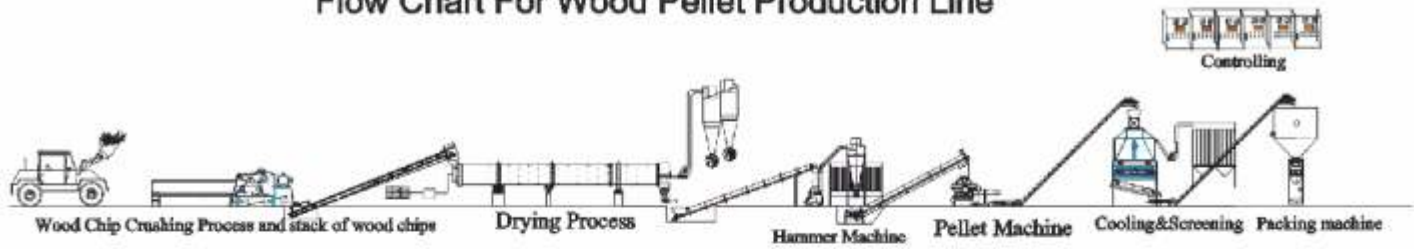
T—Rex Wood Chipper Screener



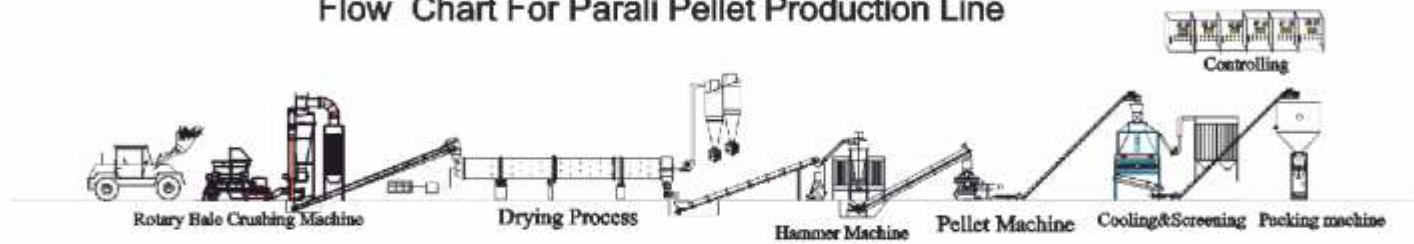
Hammer Mill Screener



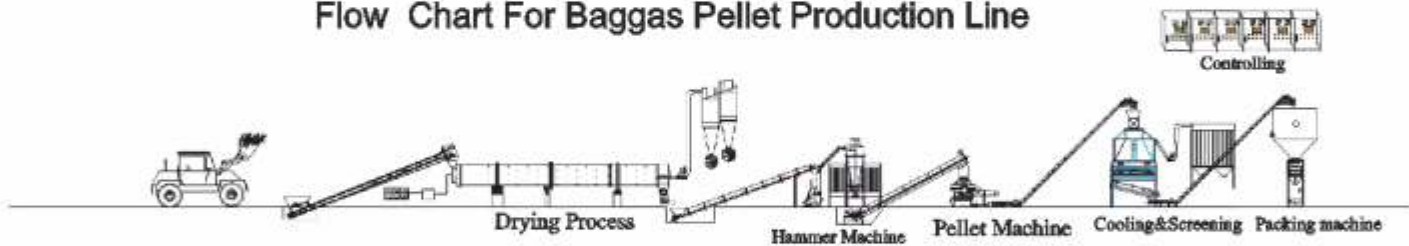
Flow Chart For Wood Pellet Production Line



Flow Chart For Parali Pellet Production Line



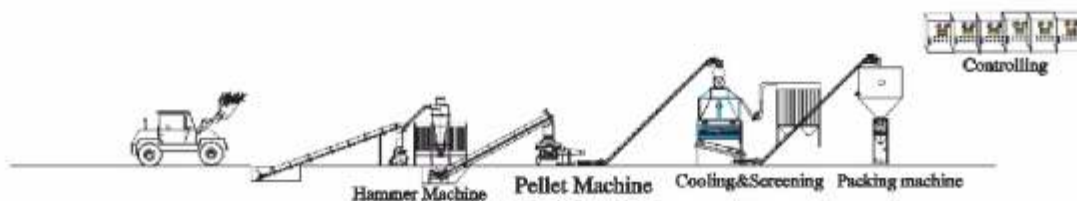
Flow Chart For Baggas Pellet Production Line



Flow Chart For Wet Agrowaste Pellet Production Line



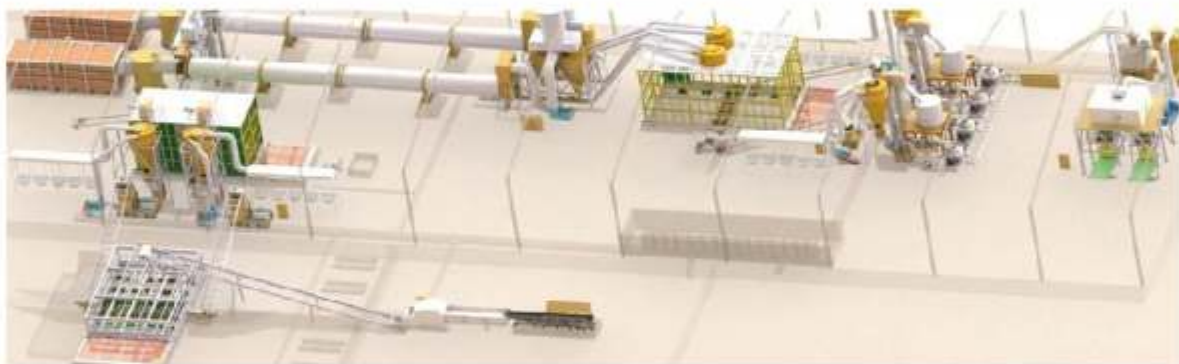
Flow Chart For Dry Agrowaste Pellet Production Line



Large—Scale Process Diagram



VIETNAM WOOD PELLET LINE 25T/H



MALAYSIA WOOD PELLET LINE 10—I2T/H



CAMBODIA WOOD PELLET LINE 12—I5T/H

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