

MALVINA SYSTEMS - ASSEMBLEUR/FABRICANT



MALVINA EUROPE SARL

CAPITAL VARIABLE DE 15 246 Euros • C.E. FR 784 376 783 78

R.C.S Saint-Gaudens 437 678 378 • SIRET 437 678 378 00013

CODE APE : 4120 A



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DEVIS N°2018.06.01-022/FR

Ligne de production de granulés de bois (sciure) Capacité >> 800 à 1300 Kg/heure



NO.	EQUIPMENTS	MODEL	Power(KW)	Total power (KW)	QTY	UNIT (EUR)	TOTAL (EUR)	Note
CUTTING PROCESS								
1	Rotary straw cutting machine	3000	90	90	1	€ 27 300	€ 27 300	4-6T/h
		Power:	90,00KW			Total:	€ 27 300,00	
CRUSHING PROCESS								
2	Feed conveyor	600-6M	1,5	1,5	1	€ 19 350,00	€ 19 350,00	2.5-3.5T/h
3	Wood crusher	65-100	90	90	1			
4	Fan	FJ7.5	15	15	1			
5	Bag filter	1.6M*20		0	1			
6	Cyclone	Φ1000		0	1			
7	Air-lock	400*400	2,2	2,2	1			
8	Conveyor	600-6M	1,5	1,5	1	€ 1 500,00	€ 1 500,00	
		Power:	110,20KW			Total:	€ 20 850,00	
DRYING PROCESS								
9	Screw feeder	LX-3	1,5	1,5	1	€ 33 000,00	€ 33 000,00	
10	Rotary Dryer	HG-1200						
11	Fan		18,5	18,5	1			
12	Drum motor		5,5	5,5	1			
13	Conveyor	600-10	2,2	2,2	1			
		Power:	27,70KW			Total:	€ 33 000,00	
PELLETIZING PROCESS								
14	Feed conveyor	Φ219*6M	2,2	2,2	1	€ 30 000,00	€ 30 000,00	1-1.5T/h
15	Granulator	HJZL560	90	90	1			
		Power:	92,20KW			Total:	€ 30 000,00	
PACKING PROCESS								
16	Feed conveyor	600-8M	2,2	2,2	1			
17	Pellet Silo	3m³	2,2	2,2	1			
18	Feed conveyor	600-8M	2,2	2,2	1			
19	Packing machine		2,2	2,2	1			
		Power:	8,80KW			Total:	€ 17 775,00	
20	Raw materials warehouse							Self-preparation
21	Electric control cabinet							contain
				Total power:		328,90KW		
	MALVINA EUROPE SARL			HT/FOB Qingdao:		€ 128 925,00		

Technical Caracters



Rotary straw cutting machine

output	4-6 t/h
main motor power kw	90 kw
model	HJXQ3000
Processing range	Φ600-Φ1500
Machine composition	Rotor system, Feeding system, Electronic control system
Processing use	Bundled biomass breakage and unwrapping of corn stalks, wheat stalks, peanut pods, rice pods, etc.



Wood crusher

output	2.5-3.5 t/h
quantity of knives	90
main motor power kw	108.70 kw
fan power	15 kw
input size	65x100
weight	2300
Fan	FJ7.5
Bag filter	1.6M*20
Cyclone	Φ1000
Air-lock	400*400
Automatic control	600-6M



Rotary Dryer

model	HG-1200
initial moisture	35%-45%
final drying moisture	10%-15%
fan power	18.5KW
drum power	5.5KW
drum size	1.2M*10M
drying pipe diamet	450MM
cyclone diameter	1270MM
dimensions	28M*3M*4.5M
hot wind stove size	2450*1100*1450MM
power supply	3P380V50Hz



Granulator

output	1.0-1.5t
main motor power kw	90 kw
power of oil pump	0.55 kw
ensity of the pellet	0.8-1.3kg/cm3
size of the pellets	4-12
moisture	15-25%
rotational speed	1450
diameter of mould	560
voltage	380V
quantity of bagfilters	9 bags
weight	6.1t
size	2600x1300x2300



Packing machine



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pellet feeding method	gravity
range	5-50kg
accuracy	±0.2%
output	200-300bag/h
Height of packing machine	2220mm
main material	304
voltage	380V
control cabinet	electrical
power consumption	1 kw
compressed air consumption	0.4-0.6Mpa 1m3/h
instruments	Canadian
solenoid valve	SMC