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Fully Automatic Pulp Molding Production line

(for 110*100mm seeding cup: 4000~4500pcs per hour)

Integrated Quotation

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1. Main Equipment List

序号 No.	设备名称 Description	规格型号 Type and specifications	数量 Quantity	Picture
<i>(1) 制浆系统 pulp making system</i>				
1	水力碎浆机 HydraPulpter	<ul style="list-style-type: none"> • ZJ060 • Volume: 0.8m³ • Power installation: 7.5KW • Capacity: 60~90kg/h; • Material code: Q235 and CAST IRON • Impeller knife -CAST IRON • Dielectric Consistence:4%~6%. 	1set	
2	浆池搅拌器 Pulp pool agitator	<ul style="list-style-type: none"> • ZB010-15 • For Mixing the pulp in the pool, and keep consistence of the pulp steady. • Include reducer (1.5kw) and agitator. Material of the lamina is stainless steel. • Agitating diameter:1000mm 	2sets	
3	制浆系统电控箱 Electric control system for the pulp making system	<ul style="list-style-type: none"> • EC-PM1000 • Regulated whole process of pulp supplying system(include material supplying, pulping, pulp mixing, consistence control, pulp delivering). To send applicative pulp to forming machine automatically. • Control the hydrapulper, pulp pump, water pump, Pulp pool agitators... • The main electronic parts brand: Siemens and LG/LS; 	1set	
<i>(2) 成型系统 forming system</i>				
4	自动往复成型机 Automatic reciprocating forming machine	<ul style="list-style-type: none"> • CY080 • Mould Plate size:1600*400mm • Forming method: Vacuum suction; • Moving mode: bottom mold up/down, for forming suction; top mold forwarder/back and up/down, for transfer products. • Number of moulds: 4sets of forming mould and 4sets of transfer mould • Production cycle: 15~20s. • Capacity:60~70kg/h. • Products output to the dryer automatically. • The pulp tank is made from SUS304 stainless steel, which is corrosion resistance. • The main electronic parts brand: Siemens; • The main Pneumatic parts brand: SMC/ARK 	1set	
5	成型模具 forming mould	<ul style="list-style-type: none"> • For 110*100mm cup seeding: 6pcs/mold • Material is aluminum 	4sets	
6	转移模具 Transfer mould	<ul style="list-style-type: none"> • For 110*100mm cup seeding: 6pcs/mold • Material is aluminum 	4sets	

7	真空气水分离及自动排水系统 Vacuum and auto drain system	<ul style="list-style-type: none"> • VD20-7 • Control the vacuum air/water separation and water drain/recycle automatically. • Include control valves, check valves, magnetic valves, inductor , vacuum container(2m³), water discharge container(0.7m³), and other parts 	1set	
8	系统控制箱 Control system for forming/vacuum/ drying system	<ul style="list-style-type: none"> • EC-VS1000 • Regulated forming machine, vacuum system, drying system and auxiliary systems automatically. • PLC + touch screen control. • Include control cabinets and control boxes. • The main electronic parts brand is Siemens and LG/LS; 	1set	
(3) <u>干燥系统</u> <i>drying system</i>				
9	烘干生产线 (燃气/油) drying product line(use natural gas or diesel)	<ul style="list-style-type: none"> • HG082-Q/Y • Single layer; • Width of Conveyor:1.6m; • Total length: 20m; • Power installation:18KW; • Capacity: 70kg per hour; • Heating method: diesel or Natural gas/LPG heating; • With furnace and automatic burner: brand RIELLO from Italy. • Working temperature:180~220℃ • Conveyor speed: 1~3.5m/min adjustable(frequency control). • The main electronic parts brand: Siemens and LG/LS; 	1set	
10	电气控制箱 Electric control cabinet	<ul style="list-style-type: none"> • For controlling the dryer; • To control the conveyor system, circulating fan, moisture exhausting fan, burner, and temperature of the oven automatically; • Include electric wire from the control cabinet to every part of the dryer; • Main electronic parts brand is Siemens and LG/LS 	1set	
11	切边机 trimming shears	<ul style="list-style-type: none"> • Use for edge trimming • Pressure: 15~20ton; • Mould plate size: 600*400mm 	1set	
12	出口报关费用、运输费用 (工厂——广州港) Export declaration, transport cost(from manufactory to Guangzhou port)			
合 计 total (FOB Guangzhou, China) : <u>USD162,000.00</u>				

2. Auxiliary Equipments List

The following equipment is necessary for the production, customer could buy it from our company or other supplier.

The list is based on design with under-ground tanks, if adopting the above-ground tanks, the pulp pump and water pump would be increased.

序号 No.	设备名称 Description	规格型号 Type and specifications	数量 Quantity	Picture
1	供浆泵 Pulp pump	<ul style="list-style-type: none"> Flow capacity:50m³/h; Lifting height: 6m. Suction height:2.5m; Dielectric Consistence: 0~6%. Power:2.2kw; 	2sets	
2	水泵 Water pump	<ul style="list-style-type: none"> Flow capacity:18m³/h; Lifting height:8m; Power:1.5kw; 	1set	
3	水环式真空泵 water ring vacuum pump	<ul style="list-style-type: none"> Pressure:-0.08MPa, Output Capacity: 10m³/min; Power installation: 18.5kw. 	1set	
4	水泵 Water pump	<ul style="list-style-type: none"> Flow capacity:8m³/h; Lifting height:5m; Power:0.75kw; 	1set	
5	空气压缩机 air compressor	<ul style="list-style-type: none"> Capacity:2m³/min; Output peressor:0.8MPa Power:15kw; 	1set	
6	压缩空气干燥机 compressed air dryer	<ul style="list-style-type: none"> For reducing the temperature and moisture of the compressed air. Capacity:2.5m³/min; Power:0.8kw 	1set	
7	压缩空气储气罐 compressed Air pot	<ul style="list-style-type: none"> volume: 1m³ Max pressure: 1.0MPa. 	1set	
8	空气压缩机易损件 Spare parts for air compressor	<ul style="list-style-type: none"> For one year replace of air compressor; 	1set	
9	空气过滤器 Air filter	<ul style="list-style-type: none"> For clean the compressed air Q,P,S 	3pcs	
10	点焊机 spot welding machine	<ul style="list-style-type: none"> For molding repair. Working current: 0~30A adjustable. 	1set	
11	车间连接用的管道、阀门、配件、五金接驳附件等 piping, valves, metal fittings needed for link the machines in the workshop			
Total Price: USD23,300.00				
The flowing items must be prepared by the buyers before installation)				
1	Workshop, foundation of the machine, Drain ditch in the workshop.			
2	Raw Material supply system; include Pools or tanks for pulp making system (3 x 8M ³).			