




<p>28</p>	  <p>卷取机 Automatic coiling machine</p>	<p>人机界面操作系统 Human-machine interface operating system</p>	<p>1 set</p>	<p>3 辊卷取机 1 台，具备自动递头、卷取、切割、缠胶带，退纸功能，电子计数器。附带接纸机 1 台。 One 3-roll reel, equipped with automatic delivery, rewinding, cutting, tape wrapping, paper ejection function, and electronic counter. Comes with 1 splicer</p>
<p>29</p>	 <p>走台 Walking Desk</p>		<p>1 set</p>	<p>设计双层走台。矩管型号 80*40*2 Design a double deck. Rectangular tube model 80*40*2</p>
<p>30</p>	 <p>成型生产线主体机架 Main frame of molding production line</p>	<p>机架高度 4200mm Frame height 4200mm</p>	<p>1 set</p>	<p>矩管型号 200*100*3 Rectangular tube model 200*100*3</p>


<p>31</p>	 <p>变频器控制柜 Inverter control cabinet</p>	<p>人机界面操作系统 Man-machine interface operating system</p>	<p>1 set</p>	<p>配套预浸辊、浸油辊、浸涂辊、浸涂泵、撒砂机、冷缸前牵引、冷缸后牵引、PLC同步调速、PLC、Equipped with prepreg roller, oil immersion roller, dip coating roller, dip coating pump, sand spreader, cold cylinder front traction, cold cylinder rear traction, PLC synchronous speed regulation</p>
<p>32</p>	<p>控制电缆、信号线 Control cable, signal line</p>		<p>1 set</p>	<p>自控制柜至电器终端 From the control cabinet to the electrical terminal</p>
<p>33</p>	 <p>行线槽、桥架 Line trough, bridge</p>		<p>1 set</p>	<p>自控制柜至生产线主线路 From the control cabinet to the main line of the production line</p>

二、配料系统配置

NO.2 Batching system

No.	Commodity Name	Specification	QTY	Remarks
1.	 <p>混合罐 Mixing tank</p>	10m <sup>3</sup>	6sets	<p>10m<sup>3</sup>反应釜 6 套,边厚 6 mm,底厚 8 mm,, 减速机构锥式减速器,配套动力 30kw 电机。</p> <p>6 sets of 10m<sup>3</sup> vertical mixer, with a side thickness of 6 mm and a bottom thickness of 8 mm , a speed reducer cone reducer, and a power 30kw motor.</p>
2.	 <p>物料提升机 Material lifting machine</p>	1t	1sets	<p>上胶粉 Lifting rubber powder</p>
3.	 <p>工作平台 For work platform</p>	60m <sup>2</sup>	1sets	

4.	 沥青泵 Bitumen pump	25/38m <sup>3</sup> /h	2sets	用于 10#、100#沥青输送 Used for 10 #, 100 # asphalt transportation
5.	 均质机 Homogenizer	23 m <sup>3</sup> /h 电机 110KW	1set	用于研磨、剪切细化 SBS、橡胶粉改性沥青 Used to grind, shear and refine SBS, rubber powder modified asphalt
6.	硬密封蝶阀、法兰、金属垫片 Hard seal butterfly valve, flange, metal gasket	D73H-16C/ DN125	8sets	用于混合料输送、循环 Used for mixture transportation and circulation.
7.	硬密封蝶阀、法兰、金属垫片 Hard seal butterfly valve, flange, metal gasket	D73H-16C/ DN100	4sets	用于预浸、自粘料输送 Used for prepreg and self-adhesive conveying
8.	硬密封蝶阀、法兰、金属垫片 Hard seal butterfly valve, flange, metal gasket	D73H-16C/ DN80	4sets	用于输送沥青 Used to transport asphalt
9.	高温闸阀、法兰、金属垫片 High temperature gate valve, flange, metal gasket	Z41H-16C/D N65	16sets	用于混料罐加热 Used for heating the mixing tank.
10.	高温闸阀、法兰、金属垫片 High temperature gate valve, flange, metal gasket	Z41H-16C/D N25	24sets	用于管道及泵加热 Used for heating pipes and pumps.
11.	金属软管 Flexible metal tubing	DN125X200	8sets	用于混合料管道连接 Used for mixing material pipeline connection
12.	金属软管 Flexible metal tubing	DN100X200	4sets	用于预浸、自粘管道连接 Used for prepreg, self-adhesive pipe connection
13.	金属软管 Flexible metal tubing	DN65X600	16sets	用于混料罐加热管道 For heating pipes of mixing tank
14.	金属软管 Flexible metal tubing	DN25X400- 600	16sets	用于管道及泵加热连接 For heating connection of pipeline and pump
15.	电线、电缆 Wire and Cable		1sets	控制柜至设备电机、电器、传感器 Control cabinet to equipment motors, electrical appliances and sensors

16.	 配料系统控制柜 Controlling cabinet for mixing system	PLC 程序控制, PLC program control,	1sets	室外配电柜 1 面, 附带测温控制功能。 One side of outdoor power distribution cabinet, with temperature measurement control function
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### 三、冷却系统配置



#### NO.3 Cooling Unit

No.	Commodity Name	Specification	QTY	Remarks
1.	 冷却水泵、冷却塔 50m <sup>3</sup> /h Cooling water pump, cooling tower 50m <sup>3</sup> /h	100 m <sup>3</sup>	1 sets	玻璃钢材质, 冷却塔供水, 离心式, 功率 5.5kw, 不含管道, Glass fiber reinforced plastic material, Lingque tower water supply, centrifugal type, power 5.5kw, no pipes,
2.	 离心水泵 Centrifugal water pump	80/90m <sup>3</sup> /h	2 sets	离心式, 功率 7.5/11KW。 Centrifugal type, power 7.5 / 11KW.
3.	冷却水输送管道 Cooling water delivery pipeline	Φ76/Φ108	1 sets	
4.	真空贮水罐 Vacuum water storage tank	0.12m <sup>3</sup>	2 sets	


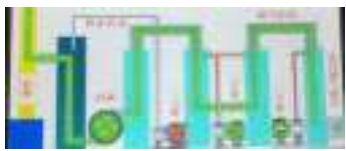
## 四、环保设备

## NO.4 Environmental protection equipment



No.	Commodity Name	Specification	Materials and requirements	QTY
1	  <p data-bbox="197 1995 432 2067">                     喷淋除尘塔                      Spray Dust Tower                 </p>	$\varnothing 2.2\text{m} \times 9\text{m}$	Q235 中板厚度 5mm Q235 middle plate thickness 5mm	2set

2	 喷淋净化塔 Spray purification tower	$\varnothing 2.15 \times 9 \text{m}$	Q235 中板厚度 5mm Q235 middle plate thickness 5mm	1set
3	除雾光氧催化塔 Defogging photo-oxygen catalytic tower	$\varnothing 2.1 \times 9 \text{m}$	Q235 中板厚度 5mm Q235 middle plate thickness 5mm	1set
4	 高压蜂窝式静电电捕塔 High voltage honeycomb electrostatic trapping tower	$\varnothing 2.25 \times 10.5 \text{m}$	Q235 中板厚度 5mm, 底厚 10mm Q235 middle plate thickness 5mm, Bottom thickness 10mm	1set
5	 反应釜烟道 Reactor flue	20m	$\varnothing 530$ 厚 6mm $\varnothing 530$ thickness 6mm	
6	喷头 Shower nozzle	1 寸		3 pcs
7	高压发生器 High voltage generator		60KV/200mA	1 set

8	 <p>电捕控制柜 Electric capture control cabinet</p>		60KV/200mA	1 set
9	<p>高压水泵 High pressure pumps</p>	35 立方/小时 7.5kw 35m <sup>3</sup> / h 7.5kw		3 set
10	<p>环保风机 Environmental protection fan</p>	8 号	22kw	1 set
11	 <p>环保变频控制柜 Environmental protection frequency conversion control cabinet</p>		22kw	1 set
12	<p>上水管道 Water supply pipeline</p>	Ø76		1 set
13	<p>回水管道 Return pipe</p>	Ø159		1set
14	<p>外围操作平台 Peripheral operation platform</p>	650mm	8 号槽钢 3mm 花纹板 8# channel steel 3mm pattern plate	上下两层 Two floors
15	<p>电捕塔外围平台 Electric catching tower peripheral platform</p>	650mm	63 角钢 3mm 花纹板 63 angle steel 3mm pattern plate	顶平台 Top platform
16	<p>双层平台扶梯 Double deck escalator</p>	650mm	外挂斜梯上顶直梯 External inclined ladder, top straight ladder	
17	<p>烟管 Smoke pipe</p>	75cmx75cm	4mm 中板 4mm plate	
18	<p>塔内孔板 Tower inner orifice</p>		4mm 孔板 4mm orifice plate	每塔两层 Two floors per tower
19	<p>孔板底梁 Orifice bottom beam</p>		12 号槽钢 12 channel steel	间隔 500mm 500mm



				interval
20	电捕上口补强 Reinforcement of electric catchers		14 号槽钢 14 channel steel	
21	烟囱 Chimney	530mm	Q235 中板厚度 5mm Q235 middle plate thickness 5mm	25m
22	烟囱底座 Chimney base	1000mm	Q235 中板厚度 5mm Q235 middle plate thickness 5mm	6m
23	活性炭塔 Activated carbon tower		烟囱底座兼用 Chimney base dual-use	
24	拉绳 Drawstring	8mmSteel wire		
25	油漆 Paint		一层防锈一层面漆 One layer of anti-rust one layer paint	

## 五、加热系统配置

## The heating systems configuration

No.	Commodity Name	Specification	QTY	Remarks
I 主机部分 Main body				
1.	 炉体组件 Main body groupware	YYW-2000Y  2000KW 1.6 million Kcal	1 set	
2.	燃烧器 Burning engine and the attachments	import burning engine	1 set	BALTUR
3.	烟囱 Blast doors	Φ400×10M	1 set	
4.	防爆门 Defend explosion door		1 set	
5.	高温油循环泵 High temperature oil circulating pump	RY125-80-200	2sets	37kw motor Q=160m³/h H=50m
6.	齿轮注油泵 Gear filling pump	KCB55	1 set	1.5kw motor
7.	储油罐 Oil storage tank	6m³	1 set	
8.	膨胀槽 Expansion tank	1.5m³	1 set	
9.	Y-型油过滤器 Y-type oil filter	DN150	2 sets	
10.	油气分离器 Oil-gas segregator	DN150	1 set	
II 设备控制系统 Apparatus controlled system				
No.	Commodity Name	Specification	QTY	Remarks
1.	电器控制柜 Electric control cabinet		1 set	Main elements are products of Siemnts
2.	双色磁性液位计 Double-color magnetic liquid level gage	UHC-GB L=800	1 set	

3.	玻璃板液面计 Glass plate liquid level gage	AT25- I L=1100	1 set	
4.	铂热电阻 Pt. thermal resistance	WZP-220 Pt100 L=150	3sets	
5.	热电阻接口 Joint of thermal resistance	M27×2	3sets	
6.	双金属温度计 Bimetal thermometer	WSS501 L=150 0~400℃	2sets	
7.	温度计接口 Joint of thermometer	M27×2	2sets	
8.	远传压力表 Distant transmit pressure gauge	YTZ-150 0~160MPa	2sets	
9.	压力表截止阀 Pressure gauge break valve	JJM1-C PN6.4 DN5	2sets	include buffer tube,joint
10.	导热油取样冷却器 Thermal oil sampling cooler		1 set	
11.	安全阀 Safety valve	A42Y-16C-DN32	1 set	
<b>III.随机软件资料</b> <b>Random software information</b>				
1.	炉本体组件质量证明书 Quality certificate of main body		1 set	
2.	出厂资料 Ex-factory information		1 set	

六、买方自备项目

NO.6 Scope by Buyer

No.	Commodity Name	Specification	QTY	Remarks
1.	 厂房 Factory	80m*20m*6m	1set	
2.	 100#沥青贮存罐 100# Asphalt Storage Tank	300M3	1set	导热油盘管加热、保温层 Heated with conduct oil, Isolation
4.	水池 Water Vessel	150M3	1set	混凝土结构 concrete brick
5.	所有土建工程		1set	
6.	必要的工具 Necessary tools		1set	

七、随机资料  
NO.7 Random material

I 卷材成型生产线系统 Molding production line system device about asphalt shingle				
No.	Commodity Name	Specification	QTY	Remarks
1.	自动卷毡机操作说明书 Automatic coiler Operating Instructions		1 set	
2.	电气接线图 Electrical wiring diagram		3 set	
3.	变频器使用说明书 Inverter instruction manual		1 set	
4.	设备平面布置图 Equipment layout plan		1 set	

