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CONTAINER AUTOMATIC CLEANING EQUIPMENT

No.	Type	picture	Type	Unit	Qty	als Unit (RMB	als Total (RMB	otal (USD) Price	Remarks
First	CONTAINER AUTOMATIC CLEANING EQUIPMENT								
1	Ordinary Type								EX WORKS
2	Super high Type								EX WORKS
3	Refrizerator Type			SET	1.000	0.00	0.00	0.00	EX WORKS
4	special packing charges						5000.00	0.00	
5	installation allowance			Person*Day	1.000	1253.70	1253.70	0.00	
6	materials inland transporation charges					0.00	0		Delivery at Qingdao Airf
'7	Subtotal							0.00	EX WORKS
Fourth	Additional charges								
2	freight charges						0	0	
3	insurance premium						0	0	
4	subtotal						0.00		
Tenth	Total project value (USD)								
SECOND	CONTAINER CLEANING EQUIPMENT INTRODUCTION								
1	Equipment Type								
	a.Ordinary Type	普柜清洗机型		b.Super high typ	超高柜		c.Refrizerator Type	冻柜清洗机型	
									
2	cleaning plan	清洗方案							
A	External cleaning 外部清洗								
The external cleaning is carried out by a pass-through bus machine (5-7 brushes are optional.) +Adding an air-drying system shown in the figure below.									
B	Internal cleaning 内部清洗								
B1	Touchless cleaning, means high pressure water cleaning			为无接触清洗，即高压水冲洗					
B1.1	80kg+100L/min water pump,plus,			(采用80公斤、100L/min水泵)+洗剂（专用面擦洗洗剂）方式清洗，如下图1所示：					
	special façade shampoo								
B1.2	advantage 1:quick cleaning speed			优势1，清洗速度快					
	advantage 2:Strong applicability			优势2，适应性强					
	advantage 3:general cleaning for many types of containers			优势3，多种集装箱可通用清洗					
	disadvantage 1: big water consumption			劣势1 耗水量大					
	disadvantage 2: big electricity consumption			劣势2 用电量大					
B1.3	Equipment Type :Fixed type		装置方式:固定式						
	Cleaning equipment is fixed,		清洗装置不动，拖挂车将集装箱托运						
	Then The trailer transports the container to the designated location for cleaning, one cleaning device and one station.		至指定位置后进行清洗，一台清洗装置一个工位。						
B2	brush cleaning			方案二为刷洗，					
B2.1	Use special cleaning brush to clean all sides of the container			即专用清洗刷刷集装箱内各面及					
	and the dead corners of the edge,			边线死角，配合专用洗剂和高压水冲洗，					
	and use special detergent and high-pressure water to wash			如下图2所示					
B2.2	Advantage 1,good cleaning result			优势1，清洗效果好					
	Advantage 2,water and electricity saving			优势2,节约水电资源					
	Disadvantage 1,lower cleaning speed			劣势1,清洗速度慢					
	Disadvantage 2,lower general characteristics			劣势2,通用性低					
	Disadvantage 3,Special equipment for Special type contain			劣势3,专机专集装箱					
B2.3	Equipment Type: Mobile Type		装置方式 移动式						
	The cleaning device can be moved horizontally to multiple stations for		清洗装置可水平移动到多个工位，顺序清洗。						
	Electric contactorsequential cleaning. One cleaning device can operate		一台清洗装置可多个工位作业。						
	at multiple stations								
 									

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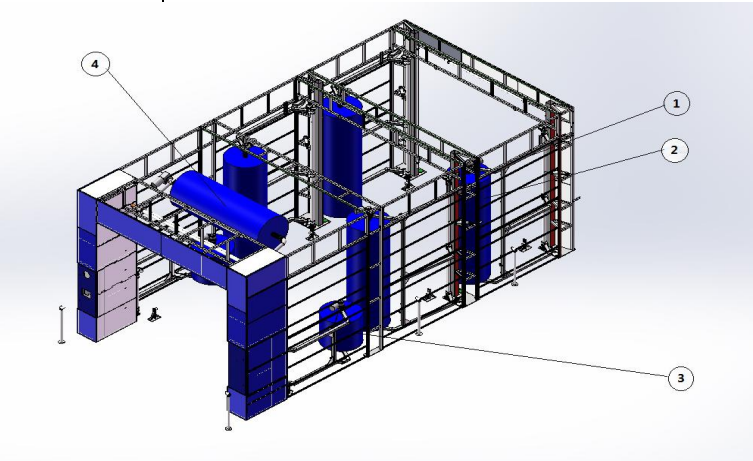
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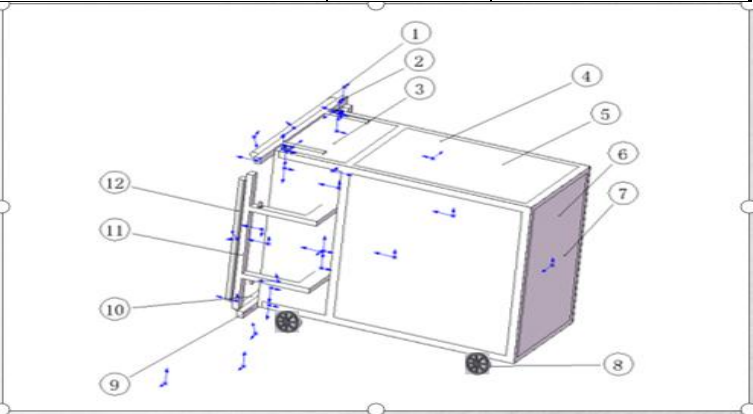


CONTAINER AUTOMATIC CLEANING EQUIPMENT

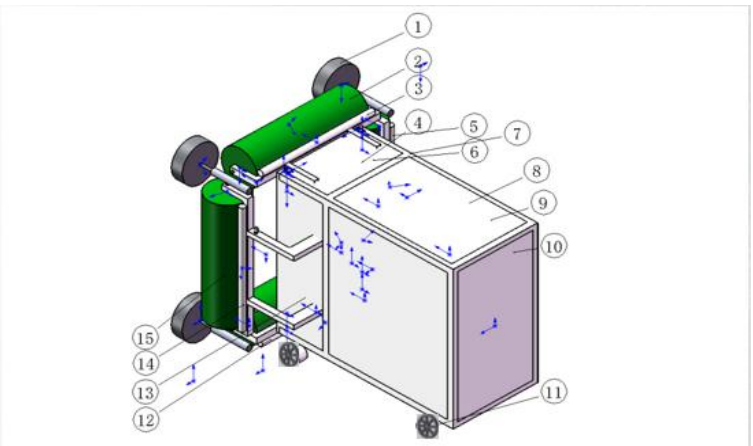
No.	Type	picture	Type	Unit	Qty	als Unit (RMB	als Total (RMB	otal (USD) Pri	Remarks
First	CLEANING EQUIPMENT INTRODUCTION								
1	External cleaning Equipment			外部清洗设备					
1.1	Dimension introduction			尺寸说明					
	Pass-through type Bus washing machine external dimension is			通过式巴士机外部尺寸为长×宽×					
	lengthx width x height=10480mmx 5400mmx440mm			高: 10480mm ×5400mm ×4400mm。					
1.2	Structure introduction			1. 2、结构说明					
	a.The external cleaning of the device is designed as a pass-through			a.本装置外部清洗设计为通过式					
	(wherein the pass-through cleaning equipment is a frame type bus			(通过式清洗设备为框架式巴士机，					
	machine, including a frame, a large vertical brush group, a small			包含框架、大立刷组、小立刷组					
	vertical brush group and a top brush group.)+ air-drying structure			及顶刷组。)+风干结构，					
	b.The frame group includes a top frame and left and right frames			b.所述框架组包含顶框及左右框架，					
	to support the entire machine;			用以支撑整个机器；					
	c.the vertical brush group includes 2 groups of 4 large vertical			c.所述大立刷组包含2组共4个大立刷。					
	brushes for cleaning the sides and rear of the car;			用以清洗车两侧面及车尾；					
	d. the small vertical brush group includes 1 There are a total of 2 sm			d. 所述小立刷组包含1组共2个小立刷，					
	vertical brushes in the group, which are used to clean the front part			用以清洗车头部位；					
	e.the top brush group includes one top brush, which is used to clean			e. 所述顶刷组包含1个顶刷，用以清洗车					
	the top surface of the car.			顶部表面。					
2	Internal cleaning equipment			内部清洗设备					
2.1	Touchless cleaning, means high pressure water cleaning equipment			无接触清洗装置					
A.	Dimension introduction			尺寸说明					
	Dimension of this equipment:L x Wx H=2582mm×1966mm×2175			尺寸为长×宽× 高2582mm×1966mm×2175mm					
B	Mechanical structure			机械结构					
B1	Mainly includes side high pressure water nozzle group and a			B1. 本装置主要包括边高压水喷管组及车架。					
B2	The high-pressure water nozzle includes toal 4 nozzles, 2 horizontally, 2			B2. 所述高压水喷管包含横2竖2共4个喷管，					
	vertically, respectively fixed on four brackets.			分别固定在四个支架上，					
	high-pressure water nozzles are equipped with spraying holes			喷管各面分布喷水孔，					
	spraying holes spray high-pressure water to clean all the container interior surface			喷高压水清洗集装箱内部表面。					
	esecially on both sides of horizontal nozzles,equipped with lifting guide			其中横向喷管组两侧带有升降导轨，					
	rails,realizing the up and down movement of the nozzle;			实现喷管的上下移动；					
B3.	the frame includes steel frame, water pump, water tank and an oil tank,			B3. 所述车架包含框架、水泵、水箱、油箱，					
	which provide cleaning resources and power for the device.			为装置提供清洗资源及动力。					
B4.	The whole device is a self-propelled trolley.			B4. 整个装置为自驱动小车。					
C	Power system			动力系统					
C1	In the device, the water pump is powered by fuel to supply water to the dev			装置中，水泵由燃油提供动力，为装置供					
2.2	brush cleaning Equipment			刷洗设备					
A	Equipment Dimension			尺寸说明					
	lengthx width x height=3252mmx 2452mmx2468mm			本装置尺寸为长×宽× 高: 3252mm×2452					
B	Mechanical structure			机械结构					
B1	Mainly includes side high pressure water nozzle group			B1. 本装置主要包括边线刷组、横立刷组及车架。					
	+horizontal vertical bursh group + frame.								
B2	The whole sideline brushes group is set at the four corners of the device, and			B2. 所述边线刷组设置在装置四角，刷杆可					
	the brush rods can be horizontally extended and retracted to clean the inner			横向伸缩，用以清洗集装箱内边线；					
	sidelines of the container;								
B3.	horizontal-vertical brushes group includes 1 group horizontal			B3. 所述横立刷组包括一组横刷和一组立刷，					
	Separately horizontal Brush 1,horizontal brush 2, vertical brush 1, vertical brush			分别为横刷1、横刷2、立刷1、立刷2，					
	2;and each brush tube is equipped with a water spray tube, used to clean the			且每个刷管分别附带喷水管，用以清洗集					
	five sides of the container inner.			装箱内部五面。					
	Especially on both sides of the horizontal brush group ,equipped with			其中横刷组两侧带有升降导轨，					
	lifting guide rails,realizing the up and down movement of the horizontal			实现横刷的上下移动；					
	brush.								
B4.	the frame includes steel frame, a battery pack, a water pump, a water			B4. 所述车架包含框架、电池组、水泵、					
	tank and an oil tank, which provide cleaning resources and power for the			水箱、油箱，为装置提供清洗资源及动力。					
	device.								
B5	The whole device is a self-propelled trolley.			B6. 整个装置为自驱动小车。					
C	Power system			动力系统					
C1	In the device, the water pump is powered by fuel to supply water to the device.			装置中，刷组由电池提供动力，由直驱电机					
				驱动工作；水泵由燃油提供动力，为装置供					
Second	CLEANING PROCEDURE								
1	Container interior cleaning			集装箱内部清洗					
1.1	Touchless cleaning, means high pressure water cleaning			高压水清洗装置清洗流程					
①	Before the device starts, the high-pressure water nozzle groups are			①装置工作前，高压水喷管组分别处于复位状					
	respectively in the reset state, that is, the horizontal nozzle groups are			即横向喷管组分别位于各自极限行程；					
	respectively in their respective limit strokes;								
②	Following the device travels laterally from right to left, the high-pressure			②随装置横向自右至左行进，高压水喷管					
	spraying pipe spray high-pressure water to flush the interior			喷出高压水冲洗集装箱内部横向上下左右四面					



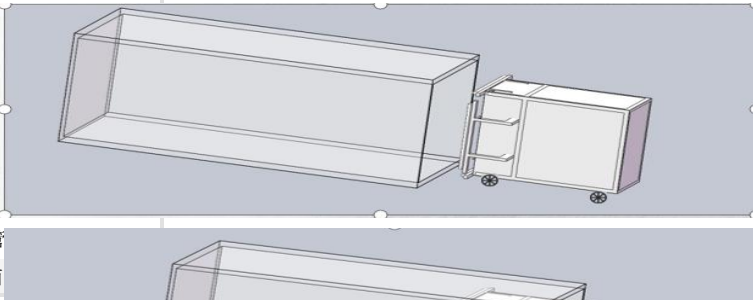
1.frame;2.big vertical brush;3.small vertical brush;4.top brush			
1.框架；2.大立刷；3.小立刷；4.顶刷			



1. Horizontal high pressure water nozzle 1; 2. Horizontal support 1;
3. Guide rail; 4. Frame; 5. Water pump; 6. Water tank; 7. Fuel tank; 8. Wheels; 9. Hc
1.横向高压水喷管1；2.横向支架1；3.导轨；4.框架；5.水泵；6.水箱；7.油箱；
8.车轮；9.横向高压水喷管2；10.横向支架2；11.竖向支架；12.竖向高压水喷管



1. Side brush; 2. Horizontal brush 1; 3. Horizontal brush 1 water spray pipe;
4. Guide rail; 5. Vertical brush 1 water spray pipe; 6. Vertical brush 1; 7. Frame
frame; 8. Water pump; 9 .Water tank; 10. Battery pack; 11. Wheels;
12. Horizontal brush 2 water spray pipe; 13. Horizontal brush 2;
14. Vertical brush 2 water spray pipe; 15. Vertical brush 2
1.边线刷；2.横刷1；3.横刷1喷水管；4.导轨；5.立刷1喷水管；6.立刷1；7.车架框架；
8.水泵；9.水箱；10.电池组；11.车轮；12.横刷2喷水管；13.横刷2；14.立刷2喷水管；
15.立刷2



						1.顶吹风; 2.侧吹风			