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Pre-Treatment System for Automatic Aluminum Profile Powder Coating Line

No	Equipment Description	Specifications	Quantity
—	Spray Pre-Treatment System Dimension	L52500×W1800×H4400+700（mm）	1 set
(1)	Pre-Cleaning Dimension	L6000×W1800×H4400+700（mm）	1 set
1	Spray chamber	L6000 × W1800 × H4400 mm; Stainless steel 304: side/top δ1.5mm, bottom δ2.0mm	1 set
2	Transition baffle	Stainless steel 304 δ1.2mm	1 set
3	Nozzles	PP board	Included
4	Circulation pipeline	PPR material	Included
5	Circulation pump	KD-65VK-155NF-IF-OC-OB;20m head; 23m³/h; 3kW	1 pc
6	Solution tank	L800×W2400×H700 mm; SS304: tank δ2.5mm; cover δ1.2mm; 10-mesh SS304	1 pc
7	Chamber rail support	L6000×W1200×600（mm） 40×80 square tube δ2.0mm	1 set
8	Chamber support frame	L6000×W1200×H700（mm） 100×100 square tube δ2.0mm	1 set
9	Water/heating fittings	Valves, pressure gauge, overflow pipe, tees, plugs, etc.	Included
(2)	Main Degreasing Section	L10500×W1800×H4400+700（mm）	1 set

1	Spray chamber	L10500×W1800×H4400（mm） Stainless steel 304: side/top δ1.5mm, bottom δ2.0mm	1 set
2	Transition baffle	Stainless steel 304 δ1.2mm	1 set
3	Nozzles	PP board	Included
4	Circulation pipeline	PPR material	Included
5	Circulation pump	KD-65VK-155NF-IF-OC-OB;20m head;75.2m ³ /h flow; 7.5kW	1 pc
6	Solution tank	L2000 × W2400 × H700 mm SS304: tank δ2.5mm; cover δ1.2mm; 10-mesh SS304	1pc
7	Chamber rail support	L10500×W1800×600（mm） 40×80 square tube δ2.0mm	1 set
8	Chamber support frame	L10500×W1800×H700（mm） 100×100 square tube δ2.0mm	1 set
9	Water/heating fittings	Valves, pressure gauge, overflow pipe, tees, plugs, etc.	Included

No	Equipment Description	Specifications	Quantity
(3)	Water Rinse Section 1	L8500×W1800×H4400+700（mm）	1 set
1	Spray chamber	L8500×W1800×H4400（mm） Stainless steel 304: side/top δ1.5mm, bottom δ2.0mm	1 set
2	Transition baffle	Stainless steel 304 δ1.2mm	1 set

3	Nozzles	PP board	Included
4	Circulation pipeline	PPR material	Included
5	Circulation pump	KD-65VK-155NF-IF-OC-OB;20m head,23m³/h flow, 3KW	1 pc
6	Solution tank	L800×W2400×H700（mm） SS304: tank δ2.5mm; cover δ1.2mm; 10-mesh SS304	1 pc
7	Chamber rail support	L8500×W1800×600（mm） 40×80 square tube δ 2.0mm	1 set
8	Chamber support frame	L8500×W1800×H700 (mm) 100×100 square tube δ 2.0mm	1 set
9	Water/heating fittings	Valves, pressure gauge, overflow pipe, tees, plugs, etc.	Included
(4)	Water Rinse Section 2	L6500×W1800×H4400+700（mm）	1 set
1	Spray chamber	L6500×W1800×H4400（mm） Stainless steel 304: side/top δ1.5mm, bottom δ2.0mm	1 set
2	Transition baffle	Stainless steel 304 δ1.2mm	1 set
3	Nozzles	PP board	Included
4	Circulation pipeline	PPR material	Included
5	Circulation pump	KD-65VK-155NF-IF-OC-OB;20m head,23m³/h flow, 3KW	1 pc
6	Solution tank	L800×W2400×H700（mm） SS304: tank δ2.5mm; cover δ1.2mm; 10-mesh SS304	1 pc
7	Chamber rail support	L6500×W1800×600（mm） 40×80 square tube δ 2.0mm	1 set

8	Chamber support frame	L6500×W1800×H700（mm） 100×100 square tube δ 2.0mm	1 set
9	Water/heating fittings	Valves, pressure gauge, overflow pipe, tees, plugs, etc.	Included
(5)	Chromating	L11500×W1800×H4400+700（mm）	1 set
1	Spray chamber	L11500×W1800×H4400（mm） Stainless steel 304: side/top δ1.5mm, bottom δ2.0mm	1 set
2	Transition baffle	Stainless steel 304 δ1.2mm	1 set
3	Nozzles	PP board	Included
4	Circulation pipeline	PPR material	Included
5	Circulation pump	KD-65VK-155NF-IF-OC-OB;20m head:75.2m³/h flow,7.5KW	1 pc
6	Solution tank	L2000×W2400×H700（mm） SS304: tank δ2.5mm; cover δ1.2mm; 10-mesh SS304	1 pc
7	Chamber rail support	L11500×W1800×600（mm） 40×80 square tube δ 2.0mm	1 set
8	Chamber support frame	L11500×W1800×H700（mm） 100×100 square tube δ2.0mm	1 set
9	Water/heating fittings	Valves, pressure gauge, overflow pipe, tees, plugs, etc.	Included
(6)	Pure Water Rinse Section	L9500×W1800×H4400+700（mm）	1 set
1	Spray chamber	L9500×W1800×H3100（mm） Stainless steel 304: side/top δ1.5mm, bottom δ2.0mm	1 set
2	Transition baffle	Stainless steel 304 δ1.2mm	1 set

3	Nozzles	PP board	Included
4	Circulation pipeline	PPR material	Included
5	Circulation pump	KD-65VK-155NF-IF-OC-OB;20m head,23m³/h flow, 3KW	1 pc
6	Solution tank	L800×W2400×H700（mm） SS304: tank δ2.5mm; cover δ1.2mm; 10-mesh SS304	1 pc
7	Chamber rail support	L9500×W1800×600（mm） 40×80 square tube δ 2.0mm	1 set
8	Chamber support frame	L9500×W1800×H700 (mm) 100×100 square tube δ 2.0mm	1 set
9	Water/heating fittings	Valves, pressure gauge, overflow pipe, tees, plugs, etc.	Included
(7)	Drip Tray	L7000×W400×H200（mm） Stainless steel 304 δ 1.2mm	1 set

Please provide detailed information so that we can provide you with a more accurate solution:

1. What are the Maxminum and Minimum dimensions of your workpieces (L × W × H)?
2. What is the maximum weight of each workpiece? If available, please also provide product photos.
3. How many workpieces do you plan to coat per day (based on 8 or 16 working hours) or per month?
4. Which heating source do you prefer, such as electric power, diesel, fuel oil, or natural gas?
5. What are the dimensions of your workshop (L × W × H)? If possible, could you share a layout or drawing of the facility?
6. Prior to coating, do you require spray pre–treatment to prepare and clean the product surface?
7. What voltage and frequency standards are used in your country?

Please also share your WhatsApp or another instant messaging contact so we can communicate more efficiently.

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