



Pretreatment Line

material

whether covered with rust or scale, whether processing sheet metal

1. transport systems

e.g. roller conveyors, chain(slat)conveyors, conveyors for the painting section cross conveyors (“ lift and go”) for conveyors, shuttle conveyors, drives and controls for automatic conveyors lines,

2. blow-off station

Blow off systems are utilized to remove moisture

3. pre-heater

The pre-heater, in connection with a blow-off unit, allows the processing of parts which are stored outside and may be covered with moisture or even snow or ice. Pre-heating the parts prevents moisture from contaminating the steel media and it reduces the drying time after coating the parts with a primer.

4. shotblasting machines

The roller conveyor shot blast systems are an essential part of the overall preservation line.

5. patented painting lines

Intelligent material scan systems minimize overspray, the special rotary brush pre-cleaner reduces the dust load in the dust collector by 60-80%.

6. paint dryer

The drying takes place on a continuous basis in many variations

Features and benefits:

Options available

Infrared pre-heaters/Direct flame pre-heaters

Slat conveyors for conveying wet painted product

Load/unload transfer conveyors

Plate transfer car

Technical Parameters

No	description	unit	Q698	Q6912	Q6915	Q6920	Q6925	Q6930	Q6940
1	Valid width of workpiece	mm	800	1200	1500	2000	2500	3000	4000
2	Valid size of the inlet of the chamber	mm	800x400	1200x400	1500x400	2000x400	2500x800	3000x800	4000x400
3	Valid length of the workpiece	mm	1200-12000	1200-6000	1200-12000	1200-12000	3000-12000	2400-12000	4500-18000
4	Roller transporting	m/min	0.5-4	0.5-4	0.5-5	0.5-4	0.5-4.5	0.5-4	2-8

	speed(stepless)								
5	The thicjness of the cleaning steel plate	mm	3-60	3-60	1.5-60	3-60	3-60	3-110	4.5-100
6	The cleaned material specification		Φ16-28	[≤20#<≤16#	[≤20#<≤16#	[≤20#<≤16#		60×8-300×1000	
7	Shot blasting amount	kg/min	4×240	4×240	4×240	6×240	6×240	6×300	8×300
8	Initial charge of shot	kg	2000	3000	4000	4500	4500	8000	11000
9	height adjustment of the rotary brush(scrapers)	mm		200	350	450	600	850	900
10	Ventilation volume	m ³ /h	8500	17560	19000	19550	27758	28050	38000
11	Machine size	mm	25017×4500 ×9015	12180×4250 ×7095	15200×5370 ×6797	30650×6850 ×9095	31200×8070 ×7500	44042×6385 ×7758	45000×7830 ×11117
12	pit	mm	800	1616	2257	2800	2353	2800	4317
13	Total power (not include the dust removal)	kw	78.3	78.3	113.5	156.6	224.55	204.8	293.6
14	Machine weight	t	20	20.4	33	41	53.2	71.8	75