

TIANJIN SHIHAO TECHNOLOGY  
DEVELOPMENT CO., LTD  
INTRODUCTION

July 16th 2021

# Company external view



# A. Company business scope

Tianjin Shihao Technology Development Co., Ltd is attached to Power (Tianjin) Technology Co., Ltd, specializes in the design, production and accessories of high pressure pump with constant research and innovation. The company is striving for supplying the best quality products with preferential prices and perfect after-sale service. The company technical level stands in the world's advanced rank.

All types of high pressure water jet are applied widely to the petrochemical sectors, oil refinery, oil fields and offshore platform, in metallurgy for removing phosphorus cleaning, also cleaning tube bundles and tanks in the chemical plant and power plant, paint removal and derusting to the ship hull and cleaning rubber on the runway of airport etc, totally more than 20 sectors are using this product. The company can make all kinds of plungers and all sorts of cleaning tools, its pressure is from 500bar to 2800bar. Flow from 15 to 500 Lpm.

In the fields of robot cleaning ship hull, tube bundles automatic cleaning, chemical tanks cleaning and runway rubber cleaning in airport etc., the company has made remarkable achievement and successful cases in land, as well as in oversea.

In southeast, middle east and Africa regions, the company has itself long term partners. Hereby we sincerely invite you to become trade partner!

# Summary sheet of high pressure pump application

No	sectors	Application fields	Pressure (psi)	Pressure (bar)
1	Aluminiu m processing	Hard scale in the pipe, filter, water tank, thermo-exchanger and container.	10000-30000	700-2000
2	Car	Removing painting on the grill in the painting working shop, on the skid. Derusting, Deburring, cleaning welding joints, washing conveying chain, cleaning braking cable, electrolyzer, water pressure cable and casting pieces.	10000-40000	700-2758
3	Aviation	Removing grease, rubber marks, marking line on the runway and hydraulic fluid.	10000-40000	700-2758
4	Cement plant	Furnace grate, floor, outer pipe, wall, hopper and dirt of handling equipment.	5000	350
		Crusting of cooling hearth, pre-heater unit, case, funnel and kiln inner	7250-14500	500-1000
5	Chemistry and chemical engineering	Inner cleaning of autoclave, reactor, compressor, mixing tank, oil tank, distillation tank, cleaning for filter, cooling liquid tank, boiler, evaporator, bubble tray, air filter, mixer, drier and barrel, thermo-exchanger, processing cooler.	5000-40000	350-2758

6	Engineerin g constructio n	Clearing reinforced concrete, stone wall part, expansion joint filling, the starching on the floor and all painting on the wall and floor, for example: painting, asphalt, plastic, growth and corroded surface, removing burrs on the concrete and stone surface, clearing concrete mould, pipe, mixer and premix truck.	5000-36000	350-2500
7	Food processing	Clearing big barrel, oven, mixer, fat and grease, dirt and paste on the conveyer, yeast, deposit, yeasting residual in the tube and on the equipment, clearing distributing drum, lines of vegetable processing and inputting material, removing painting tag and sticking labels.	8700-14500	600-10000
8	Casting	Removal deposit, ceramics of oxydic metal, cleaning casting of core and its furnace.	7250-14500	500-1000
9	Road maintenananc e	Clearing grease, sticking paper, sand, asphalt, cement on vehicle and machinery, marking lines on road.	5000-30000	35-2000
		Removing doodles, stains, tar, adhesive, marking lines, painting belt, dredging culvert and bridge and spilth, cutting and removing concrete blocks.	10000-36000	700-2500
10	Ocean	Removing the attachment of microbe, shell and algae.	5000-7250	350-500
		Removing the rust and painting of ship, concrete in the pipe of oil rig, clearing tube and oil tank of oil rig.	30000-40000	2000-2750

## Summary sheet of high pressure pump application

17	Sugaring	Cleaning tank and pot, pipe of heat exchanger, filter and equipment surface.	15000	1000
18	Piping	Removing rusting and painting cost in the pipe.	7250-14500	500-1000
19	Generator	Clearing sewer, pipe, sewage pipe, exhaust pipe, isolator, exchanger, cooler, condenser, cleaning coal shelter, settling tank, oil tank, and chimney, boiler and its tube, desulfurization equipment of flue and air tube, ash tube, air and water filter unit, conveyor and belt, tank, removing concrete metal coating, reactor and blade of turbine.	10000-40000	700-2758
20	Papering	Clearing paper plate, fiber plate, isolating textile, fiber textile, other textile, filter, belt, inlet roller, cylindrical filter, fluted roller, thermo-exchanger and pipe etc.	5000-10000	350-700
21	Railway	Clearing plaster, potash fertilizer, cement, lime in the dumping truck, removing grease, dirt, deposit in the truck and oil tank truck, removing and cutting concrete.	5000-40000	350-2758
22	Refinery	Cleaning paraffin, grease, oil residual, scaling, hard coke, exchanger pipe in polymer.	10000-36000	700-2500
23	Rubber processing	Cleaning NBR, latex, rubber, electric reactor, tank and exchanger.	10000-14500	700-1000
24	Steel factory	Cleaning exchanger, chimney, boiler, floor, tank, scaling of hopper, coke, mineral stone or lime, positive pole surface, electrolyzer and boiler.	10000-14500	700-1000
		Cleaning scaling billet, hydraulic driving.	2000-4000	140-300
25	Surfacing	Removing paint, rusting, difficult thick salt, fire concrete and ocean attachment.	10000-40000	700-2758

## B. Main processing machines



Numerical control lathe



Cutting tool and measuring tool



Special machine tool



Processing center



# C.Main products and application



Bare shaft pump



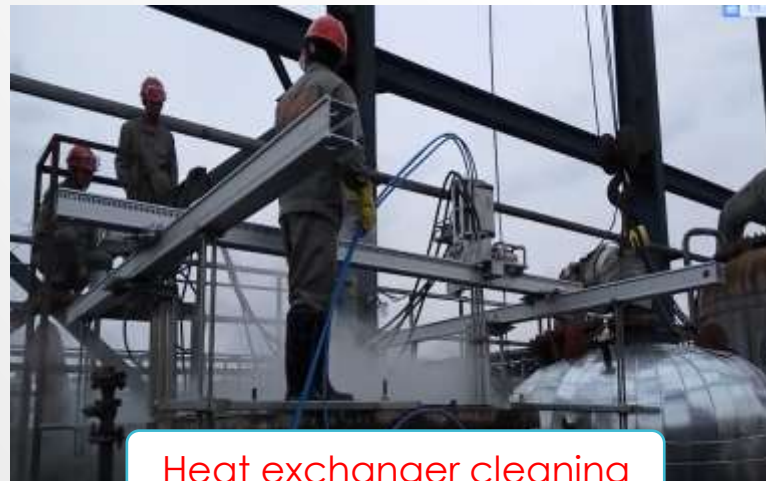
Pump unit



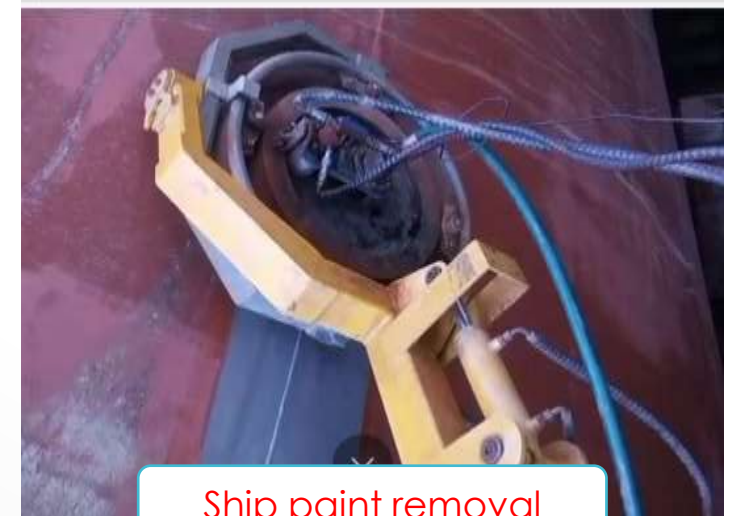
Unit with container



Airport rubber removal



Heat exchanger cleaning



Ship paint removal

# D. Automatic system and all kinds of tools





# E. Applying fields



Nuclear power



Large ethylene



Thermal power



Ship hull



Offshore platform



Military works

# F. Qualification certificate



# G. Exported products abroad



Technical support abroad





## H. Strategic partner





# I. Main clients



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**THANK YOU**