



Water Jetting Applications and Industries

Industry Type	Applications	Pressure (bar)
Aluminium plant	Hardened bauxite dust on mills, filters, floors, tanks, sumps and sewers.	350 - 2800
Aviation	Expansion joints, grease, rubber and hydraulic fluids on runways.	690 - 1400
Breweries	Yeast, sediments and fermentation residues on vats, pipe and facilities.	200 - 2800
Cement plant	Removal of dirt, grease and product build up on grates, floor, external piping, bins, walls, hopper cars and handling equipment.	200 - 690
Chemical processing	Chemicals from boiler tubes, tanks, valves. Evaporators, heat exchangers, tube bundles, vessels, reactors and storage tanks.	350 - 2800
Construction	Concrete demolishing, exposing steel-bars, cutting concrete and steel bars.	350 - 2800
Distilleries	Cleaning of heat exchanger, boiler tubes, vats and pipe lines.	600 - 2800
Food processing	Grease, fats, oil and dough from ovens, mixers, conveyors and facilities.	200 - 1000
Foundries	Removal of deposits, metal oxidation, ceramic & sand core materials for casting.	1000 - 2800
Highway Maintenance	Cleaning of grease, vegetation, mud tar, cements or asphalt on vehicles & machinery. Removal of expansion joints, paint strips and concrete demolishing on road bridges. Retexturing of road surfaces	350 - 2800
Marine & Offshore	Removal of marine growth, barnacles, paint and rust on ships, deck, hull and ballast tanks. Oil platforms: storage tanks, boilers, cold cutting, underwater blasting, pipe cleaning, paint and rust. General surface preparation prior to painting.	500 - 2800
Meat packing	Cleaning of grease, fats, blood on conveyors, pipes and drains.	200 - 690
Metal processing	Removal of mill scale, rust and weld slag from new vessels, tanks and piping.	1400 - 2800
Military	Cut & explode mines, decontamination of shells and cutting cordite. Cleaning of machinery & vehicles	200 - 2800
Mining	Pre-maintenance cleaning of dump trucks, drag-lines, underground haulage lines and shafts. Unclog plant machinery due to coal, rock dust and oil.	300 - 2800
Municipalities	Sewers, drains, pipe lines, sanitation, refuse vehicles and reservoirs.	200 - 500
Oilfield	Removing crude oil residues from oil tanks, removal of drilling mud and cement from drill-pipes, remove paint coating and rust on pipes, ladder tanks and walkways.	600 - 2800
Petrochemical	Removal of carbon, residues in heat exchangers, soft polymers, boilers, tanks, reactors, cooling towers and general water blasting. Cold cutting and surface preparation.	350 - 2800
Pharmaceutical	Cleaning of chemicals from pipes, kettles, tubes, heat exchangers, reactors, filters and evaporators.	600 - 2800
Pipe industry	Removal of rust and varnish prior to re-coating, grease and oil from pipe threads for inspection, drilling mud and debris in various pipes.	600 - 2800
Power stations	Nuclear decontamination of fuel capsules, skips, cold cutting, flash from pre-heater tubes and equipment. Clean debris and contamination from pool.	690 - 2800
Public utilities	Reactors and insulators, boiler tubes, vehicles and machinery.	350 - 1400
Mills	Cleaning grease, oil, pitch dirt and wood pulp from heat exchanger tubes, foundries, liquor press sections of paper machines, suction rolls, stock chests and lines.	350 - 2800
Railroad	Gypsum, potash, cement line cars; remove grease, dirt and deposits in truck, undercarriage and tank cars. Removal of oil and materials from tanks, removal of paint, rust and cement.	350 - 2800
Refineries	Removal of wax, paraffin, grease and crude residues, water scale, coke, hard carbons and polymers in heat exchangers, pipes, tubes and tanks. Removal of paint coatings and rust.	600 - 2800
Rubber process	Latex, SBR and water scale in reactors, storage tanks, heat exchangers, tubing and pipes.	600 - 2800
Steel mills	Removing water scale, coke, ore or lime in heat exchangers, flues, boilers and open hearths, furnaces and hoppers.	600 - 2800
Surface preparation	Removal of paint, rust, refractory build-up, salts, concrete and marine growth.	500 - 2800