



Superior Solutions

*Bio*POWER
SYSTEM

Solvent-free
biological parts washer

Sectors and applications

Maintenance products and services
for over 75 years



Sectors and applications

INDUSTRY

METALLURGY

- Rolling mills: cleaning of rollers and bearings (grease at high temperatures);
- Foundries: particulate filter cleaning;
- Cleaning of grease coating used for moulds (mixture of grease and mineral oils).

METALWORKING

- Processing: removing residues of soluble and neat oils; cleaning of tool-holders and mandrels (chips and oil agglomerates); cleaning of machine frames;
- Electroerosion: removal of electro erosion salts;
- Cutting, forming, pressing: descaling residues of oils from deep-drawing and pressing;
- Grinding: removal of polishing paste residues;
- Wire processing, cleaning of springs before heat treatment;
- Heat treatment: cleaning of the pieces before heat treatment to avoid scale deposits.

PAPER MILLS

- Cleaning of felt rollers;
- Cleaning of press cylinders;
- Descaling of casings and drag reducers;
- Cleaning of graphite lubricant residues on conveyors.



TYPOGRAPHY, SERIGRAPHY

- Cleaning of offset printing inks;
- Cleaning of inking rollers, scrapers;
- Cleaning of vessels for the preparation of inks;
- Removing ink from various supports (metal, plastic);
- Descaling of injectors and spray rollers;
- Cleaning of printing plates (UV inks).



GLASS

- Removal of graphite lubricant residues from moulds;
- Cleaning of steel knives used for cutting molten glass (polymerised oils).

PLASTIC MOULDING

- Injection: removal of imprints; disposal of plastic waste fumes; cleaning extractors; cleaning bearings cage; disposal of waste products from hydraulic oils.

BioPOWER SYSTEM

PCM

MUNICIPAL TECHNICAL SERVICES

- Maintenance of road-works machinery, waste compactors, street sweepers, mowing machines.

TECHNICAL COLLEGES

- Degreasing spare parts for cars, motorcycles, agricultural machinery.

MAINTAINING PUBLIC GREEN SPACES

- Fleet maintenance;
- Cleaning mower blades;
- Cleaning blades for pruning hedges;
- Cleaning plastic casing (green grass tracks, resin, earth, oil, grease);
- Cleaning carburettors;
- Cleaning chains, chainsaw guides and casings;
- Cleaning air filters.

TEXTILE INDUSTRY

- Cleaning loom combs;
- Removal of waste oils from spinning machines;
- Cleaning of oil filters for looms.



BUILDING & CONSTRUCTION



MINES

- Cleaning conveyor components;
- Descaling of hydraulic systems;
- Maintenance of construction machinery.

MOTORWAY COMPANIES

- Fleet and materials maintenance.

CONSTRUCTION EQUIPMENT RENTAL

- Maintenance of machinery, bulldozers, excavators and parts thereof;
- Cleaning of casings and air filters.

BIKES

- Descaling of aluminium casings (engine and transmission);
- Cleaning of cylinder heads, pistons, valves;
- Cleaning of chains and sprockets;
- Removing the traces of silicone from plastics, abs, Kevlar, carbon or aluminium without damaging these materials;
- Cleaning the carburettor ramps and deposits of stagnant fuel;
- Cleaning the fork legs forks and shock absorbers;
- Cleaning the engine and transmission parts.

VEHICLES

- Cleaning of timing and oil casings, clutch bells, gears, OGR valves, callipers, flanges and drums, heat exchanger hubs, washers;
- Removal of traces of scale on the pistons, valves and cylinder heads;
- Unblocking turbo exhaust valve (waste gate);
- Removal of traces of tar and brake dust on alloy wheels;
- Removing traces of insects on the bodywork.



RAILWAY EQUIPMENT

- Cleaning the slewing rings;
- Cleaning of wheel bearings.



PUBLIC TRANSPORT

- Maintenance of buses, subways, trams.

PLEASURE BOATS/JETSKI

- Maintenance of mechanical parts;
- Maintenance of the engine.

SHIPYARDS

- Maintenance of mechanical parts;
- Maintenance of engines.



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