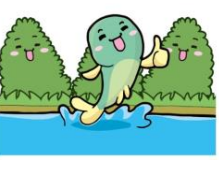
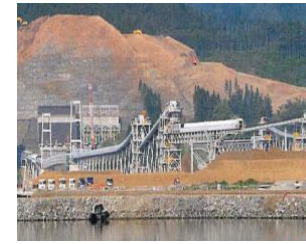
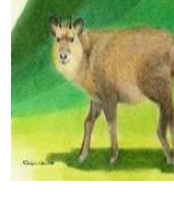
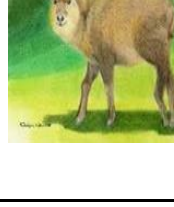
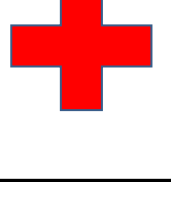
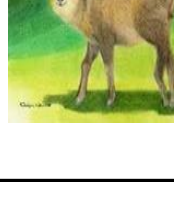
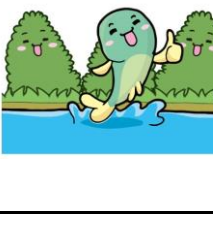
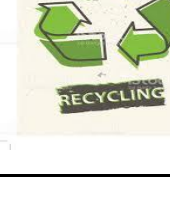
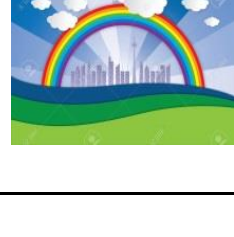
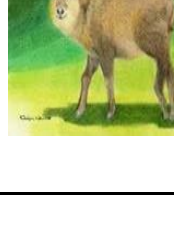
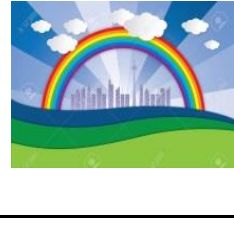
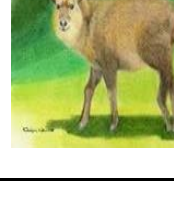
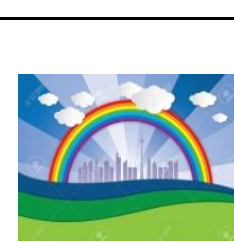
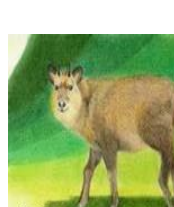
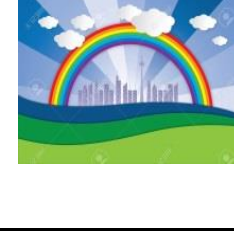
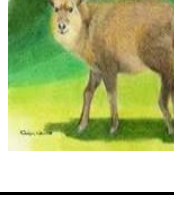
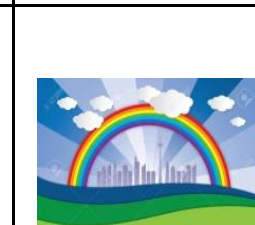
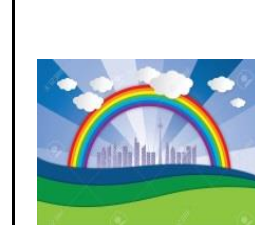
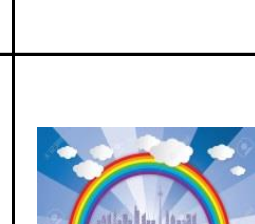
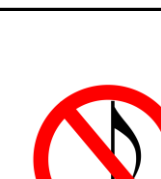
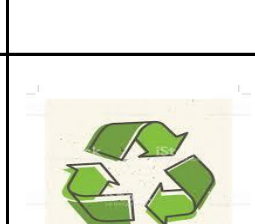
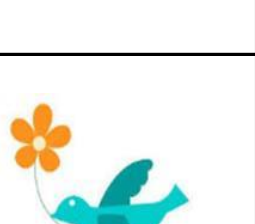
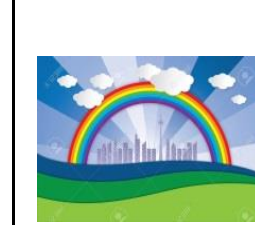
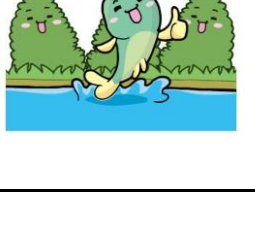
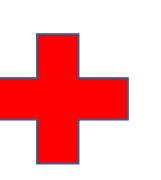
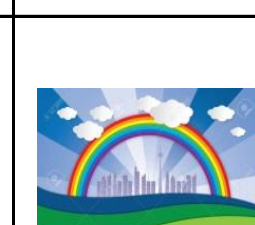


List of Our products Giving consideration to Humans and the Environment

As of Mar. 31st 2024

Segment	Product photo	Product name Function and usage	Concept of the considering topics for human and environment										
			Safety in use	Improvement of work efficiency	Prevention of water pollution	Effective utilization of water resources	Prevention of global warming	Prevention of air pollution	Reduction of vibration and noise	Reduction of waste Promotion of recycling	Improvement of living environment	Contribution to medical	Biodiversity
Industrial Machinery		Slurry Pumps											
		Slurry transportation	Reduction of maintenance work through new design	Improvement of work efficiency through reduction of maintenance work	Contribution to the prevention of pollution in public water areas	Achievement of water resource reuse through wastewater purification	Achievement of energy savings through new design		Reduction of noise and vibration through new design	Reduction of consumables through new design	Contribution to the improvement of public health		Reduction of burden on the ecosystem through purification of wastewater
		Slurry Pumps for Mud Shielding											
		Long-distance transportation of high concentration fluid	Reduction of maintenance work through new design	Improvement of work efficiency through reduction of maintenance work	Contribution to the prevention of pollution in public water areas	Achievement of water resource reuse through wastewater purification	Achievement of energy savings through new design		Reduction of noise and vibration through new design	Reduction of consumables through new design	Contribution to the improvement of public health		Reduction of burden on the ecosystem through purification of wastewater
		Sewage Pumps											
		Sludge transport	Reduction of maintenance work through new design	Improvement of work efficiency through reduction of maintenance work	Contribution to the prevention of pollution in public water areas	Achievement of water resource reuse through wastewater purification	Achievement of energy savings through new design		Reduction of noise and vibration through new design	Reduction of consumables through new design	Contribution to the improvement of public health		Reduction of burden on the ecosystem through purification of wastewater
		Electrostatic precipitators											
		Removal of air pollutants	Achievement of risk reduction through new design	Improvement of work efficiency through reduction of maintenance work			Achievement of energy savings through new design	Achievement of reduction of soot and dust through new design	Reduction of noise and vibration through new design	Reduction of consumables through new design	Contribution to the prevention of air pollution		Reduction of burden on the ecosystem through prevention of air pollution
		Electrostatic precipitators for tunnel construction											
		Removal of air pollutants during tunnel construction	Achievement of improved working conditions in tunnel construction through new design	Improvement of work efficiency through increased processing air volume			Achievement of energy savings through reduction of power consumption	Achievement of reduction of dust through new design	Reduction of noise and vibration through new design		Contribution to the improvement of convenience in daily life		Reduction of burden on the ecosystem through prevention of air pollution
		Enclosed suspended conveyors											
		Flexible conveyor system without scattering or falling of transported materials	Enhancement of safety equipment to prevent falling rocks	Contribution to the reduction of working hours			Achievement of energy savings through improved work efficiency	Achievement of reduction of dust through new design	Reduction of noise and vibration through new design		Contribution to the creation of a livelihood infrastructure		Reduction of burden on the ecosystem through air pollution prevention and alternatives to land transportation
		Pipe conveyors											
		Transfer equipment with less excavation scattering and falling	Enhancement of safety equipment to prevent falling rocks	Contribution to the reduction of working hours			Achievement of energy savings through improved work efficiency	Achievement of reduction of dust through new design	Reduction of noise and vibration through new design		Contribution to the creation of a livelihood infrastructure		Reduction of burden on the ecosystem through air pollution prevention and alternatives to land transportation
		Large-scale Transport Conveyors											
		Transport equipment for mass transportation of large lump	Enhancement of safety equipment to prevent falling rocks	Contribution to the reduction of working hours			Achievement of energy savings through improved work efficiency	Achievement of reduction of dust through new design	Reduction of noise and vibration through new design		Contribution to the creation of a livelihood infrastructure		Reduction of burden on the ecosystem through air pollution prevention and alternatives to land transportation
		Crushers											
		Crushing equipment for rocks, alloyed iron, etc.	Reduction of maintenance work through new design	Improvement of work efficiency through reduction of maintenance work			Achievement of energy savings through new design	Achievement of reduction of dust through new design	Reduction of noise and vibration through new design	Reduction of disposal volume at the time of disposal by extending the service life of components	Contribution to the creation of a livelihood infrastructure		Reduction of burden on the ecosystem through the achievement of energy savings, dust reduction, and low noise levels

Segment	Product photo	Product name Function and usage	Concept of the considering topics for human and environment											
			Safety in use	Improvement of work efficiency	Prevention of water pollution	Effective utilization of water resources	Prevention of global warming	Prevention of air pollution	Reduction of vibration and noise	Reduction of waste Promotion of recycling	Improvement of living environment	Contribution to medical	Biodiversity	
Industrial Machinery		Screen												
		Sorting equipment for minerals	Reduction of maintenance work through new design	Improvement of work efficiency through reduction of maintenance work			Achievement of energy savings through new design		Reduction of noise and vibration through new design	Reduction of disposal volume at the time of disposal by extending the service life of components	Contribution to the creation of a livelihood infrastructure		Reduction of burden on the ecosystem through the achievement of energy savings and low noise levels	
		Grinders												
		Crushed stone / crushing / crushing equipment	Reduction of maintenance work through new design	Improvement of work efficiency through reduction of maintenance work			Achievement of energy savings through new design		Reduction of noise and vibration through new design	Reduction of disposal volume at the time of disposal by extending the service life of components	Contribution to the creation of a livelihood infrastructure		Reduction of burden on the ecosystem through the achievement of energy savings and low noise levels	
		Briquetting Machines												
		Dry granulation equipment for powder	Achievement of prevention of incorrect works through new design	Improvement of work efficiency through increased processing volume			Achievement of energy savings through increased processing volume		Reduction of noise and vibration through new design	Reduction of disposal volume at the end of life through the reduction of necessary additives	Contribution to the creation of a livelihood infrastructure	Application in pharmaceuticals	Reduction of burden on the ecosystem through the achievement of energy savings and low noise levels	
		Drum Scrubber												
		Cleaning and grinding equipment for large chunks to fine-grained products	Reduction of maintenance work through new design	Improvement of work efficiency through reduction of maintenance work	Achievement in the prevention of pollution in public water areas				Reduction of noise and vibration through new design	Reduction of disposal volume at the time of disposal by extending the service life of components	Contribution to the creation of a livelihood infrastructure		Reduction of burden on the ecosystem through soil improvement and other measures	
		Tokénite Downsprue Bush (Casts down sprue bush with erosion resistance)												
		Inlet parts for casting molds for automobile engines	Reduction of maintenance work through new design	Improvement of work efficiency through reduction of maintenance work			Achievement of vehicle weight reduction and contribution to energy savings	Achievement of vehicle weight reduction and contribution to the reduction of exhaust emissions		Reduction of disposal volume at the time of disposal by extending the service life of components	Contribution to the improvement of convenience in daily life		Reduction of burden on the ecosystems through the achievement of energy conservation and emission reduction.	
Rock Drill Machinery		Hydraulic breakers												
		Crushing and rock drilling equipment	Achievement of noise and vibration suppression through new design	Enhancement of operational efficiency through improved crushing performance			Achievement of energy savings through improved work efficiency	Achievement of dust reduction through low vibration	Reduction of noise and vibration through new design		Contribution to the creation of a livelihood infrastructure		Reduction of burden on the ecosystems through noise and vibration suppression, energy saving, and dust reduction	
		Hydraulic crushers												
		Concrete subdivision, crushing equipment	Achievement of a structure with low noise and vibration	Enhancement of operational efficiency through improved crushing performance			Achievement of energy savings through improved work efficiency	Achievement of dust reduction through low vibration	Reduction of noise and vibration through the adoption of a low-noise, low-vibration structure		Contribution to the creation of a livelihood infrastructure		Reduction of burden on the ecosystems through noise and vibration suppression, energy conservation, and dust reduction	
		Hydraulic crawler drills												
		Drilling machine in mines	Enhancement of equipment to prevent incorrect works	Reduction of workload through improved drilling performance and semi-automation			Achievement of energy savings through improved work efficiency	Achievement of exhaust emission reduction through improved work efficiency	Reduction of noise through the adoption of a low-noise, low-vibration structure		Improvement of work efficiency in mining		Reduction of burden on the ecosystems through the achievement of energy conservation, emission reduction, and low noise	
		Tunnel drill jumbos												
		Drilling machine for tunnel construction	Achievement of reduced site entry through the automation of excavation work	Improvement of work efficiency through the automation of excavation work			Achievement of energy savings through improved work efficiency	Achievement of exhaust emission reduction through improved work efficiency	Reduction of noise through the adoption of a low-noise, low-vibration structure		Contribution to the improvement of convenience in daily life		Reduction of environmentally harmful substances in exhaust gases contributes to the prevention of ecologically important air pollution	
		Rock Bolter												
		Construction machinery for tunnel works	Achievement of reduced site entry through the automation of rock bolt installation work	Enhancement of work efficiency through the automation of rock bolt installation work			Achievement of energy savings through improved work efficiency	Achievement of exhaust emission reduction through improved work efficiency	Reduction of noise through the adoption of a low-noise, low-vibration structure		Contribution to the improvement of convenience in daily life		Reduction of environmentally harmful substances in exhaust gases contributes to the prevention of ecologically important air pollution	

Segment	Product photo	Product name Function and usage	Concept of the considering topics for human and environment										
			Safety in use	Improvement of work efficiency	Prevention of water pollution	Effective utilization of water resources	Prevention of global warming	Prevention of air pollution	Reduction of vibration and noise	Reduction of waste Promotion of recycling	Improvement of living environment	Contribution to medical	Biodiversity
UNIC Machinery		Truck-mounted UNIC Cranes Lifting equipment											
		Enhancement of safety equipment to prevent load sway, falls, and overloading		Improvement of work efficiency through superior operability and remote control via radio control			Achievement of energy efficiency through low-speed operation of vehicle engines	Achievement of exhaust gas emissions reduction through low-speed operation of vehicle engines	Reduction of engine noise and work noise through low-speed operation of vehicle engines	Reduction of waste through the extended lifespan of hydraulic oil	Contribution to the creation of a livelihood infrastructure		Reduction of burden on the ecosystem through the achievement of energy savings, emission reduction, and low noise levels
		UNIC Carriers Transportation equipment for various vehicles such as passenger cars											
		Enhancement of equipment to prevent cargo bed sway		Improvement of work efficiency through increased on-board speed			Achievement of energy savings through improved work efficiency	Achievement of emission reduction through improved work efficiency	Reduction of operational noise during loading and unloading		Contribution to the creation of a livelihood infrastructure		Reduction of burden on the ecosystem through the achievement of energy savings, emission reduction, and low noise levels
		UNIC PAL Handling equipment for wood, industrial waste, etc.											
		Enhancement of equipment to prevent overloading		Improvement of work efficiency through a top sheet that provides 360-degree situational awareness			Achievement of energy savings through improved work efficiency	Achievement of emission reduction through improved work efficiency	Reduction of noise during operations	Reduction of waste through the extended lifespan of hydraulic oil	Contribution to the creation of a livelihood infrastructure		Reduction of burden on the ecosystem through proper disposal of industrial waste
UNIC Machinery		Mini-crawler cranes Lifting equipment											
		Enhancement of equipment to prevent overloading and visualize risks		Improvement of work efficiency through superior operability and remote control via radio control			Achievement of energy savings through battery operation	Achievement of zero emissions through battery operation	Reduction of noise during operations	Reduction of waste through the extended lifespan of hydraulic oil	Contribution to the creation of a livelihood infrastructure		Reduction of burden on the ecosystem through battery-powered operation results in zero emissions and reduced noise
		Ocean Cranes (for ship equipment) Marine lifting equipment											
		Enhancement of safety equipment to prevent over-winding		Improvement of work efficiency through best-in-class slope angles	Achievement of marine pollution prevention through the use of high-quality components that prevent oil leaks		Achievement of energy savings through improved work efficiency	Achievement of emission reduction through improved work efficiency	Reduction of mechanical noise compared to conventional models	Reduction of waste through the extended lifespan of hydraulic oil	Contribution to the improvement of convenience in daily life		Reduction of burden on the ecosystem through hexavalent chromium-free rust prevention treatment
Electronics		Aluminum nitride ceramics Parts for semiconductor manufacturing equipment											
							Achievement of energy savings through the use of next-generation vehicles	Achievement of emission reduction through the use of next-generation vehicles		Reduction of disposal volume at the end of product life through miniaturization	Contribution to the improvement of convenience in daily life		Reduction of burden on the ecosystems through the achievement of energy conservation and emission reduction
		High purity materials for semiconductor Electronic device, light emitting device											
							Contribution to energy savings through being used as part of LED products				Contribution to the improvement of convenience in daily life	Application in medical devices	Reduction of burden on the ecosystems through the achievement of energy conservation
		Optical products Optical parts for laser cutting machine											
				Contribution to the reduction of working hours	Reduction of process water used in operations		Application in energy-efficient laser cutting machines			Reduction of maintenance and operational residue generation	Contribution to the improvement of convenience in daily life	Application in medical devices	Reduction of burden on the ecosystems through the achievement of energy conservation
Electronics		Line filter cores and coils Automotive electronic control components											
							Achievement of energy savings through the use of next-generation vehicles	Achievement of emission reduction through the use of next-generation vehicles	Reduction of electronic device noise		Contribution to the improvement of convenience in daily life	Application in medical devices	Reduction of burden on the ecosystem through the achievement of energy conservation and emission reduction

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Chemicals		Cuprous oxide											
		Antifouling agent for ship bottom paint	Reduction of ship bottom maintenance work	Improvement of work efficiency through the reduction of ship bottom maintenance work	Achievement of marine pollution prevention through changes in ship bottom paint components		Achievement of energy savings through maintaining the smoothness of the ship bottom surface	Achievement of emission reduction through maintaining the smoothness of the ship bottom surface					Reduction of burden on the ecosystems through changes in ship bottom paint components
		Polyferric sulfate solution											
		Flocculant for treating sewage and night soil			Achievement in the prevention of pollution in public water areas	Achievement of water resource reuse through wastewater purification				Reduction of waste through recycling	Contribution to the improvement of public health		Reduction of burden on the ecosystems through wastewater purification
		Aluminum sulfate solution											
		Flocculant for making drinking water			Achievement in the prevention of pollution in public water areas	Achievement of water resource reuse through wastewater purification					Contribution to the improvement of public health		Reduction of burden on the ecosystems through wastewater purification
		Ferrous sulfate											
		Supplement ingredients, food additives									Contribution to the improvement of quality of life through health promotion	Application in pharmaceuticals	