

Kawasaki Green Innovation Cluster		Member Information	Management Number	Section Number	Company
Business Classification		Solid Waste and Recycling			
Business Field		General Machines Manufacturing			
Company/Organization Information	Company Name	株式会社 新居浜鐵工所			
	Company Name (EN)	NIIHAMA IRON WORKS CO., LTD.			
	President	Representative Director Kensuke Morizane			
	Address	208, Sousaku, Yokonemachi, Obu,Aichi			
	Contact	+81-562-48-2255			
	Capital	10 million yen			
	No. of Employees	38 (as of Nov. 2017)			
	E-mail				
	Website	www.niihama.co.jp/e/			
	Branches/ Agencies	Japan: Head office and 1 other office (sales office: Tokyo) Overseas: None			
Business Activities, Messages and Others	Business Activities	<p>Since our company was founded in 1964, we have operated in designing and manufacturing machinery for heavy and chemical industries.</p> <p>We have a machine and metalworking factory, and can provide services ranging from design to manufacturing equipment, in accordance with the customer's request.</p> <p>We are proud to be an industry pioneer-- our Lion shredder is used for local municipalities for crushing bulk waste for private waste disposal companies or local governments.</p> <p>We also design and manufacture peripheral equipment such as trommel, vibration sieve, conveyor, etc.</p> <p>We have extensive experience and our known for our machines with large and medium-sized castings.</p>			
	Message/ Other	<p>Niihama Iron Works has 80 years of experience.</p> <p>Through the supply of industrial machinery fields and environment-related equipment, we have supported industrial infrastructure.</p> <p>We aim to respond to changing needs and continue to contribute to society through our business.</p> <p>Currently, through a JICA SME overseas business development support project, we are carrying out a basic survey to contribute to solving the waste management problem in Indonesia</p> <p>In this JICA project, we are looking for the waste disposal companies and engineering companies to cooperate so we can propose a whole recycle loop.</p>			
	Examples of Products	<ul style="list-style-type: none"> ■ Products / Technology · 2-axis crusher (electric motor direct connection type) · Small size to large size · Inverter specification: can instantaneously generate 200% crushing force by control · Use for waste wood and food residue biomass · Belt conveyor, apron conveyor · Trommel rotary sorting machine etc. ■ Technical service · Designing, manufacturing and construction · Maintenance such as blade changes <p>(The crushing blade is a structure that can be exchanged at the site, so maintenance and management are easy and low cost)</p>			

Kawasaki Green Innovation Cluster Product/ Technology Information		Management Number	Section Number	Company
Business Classification		Solid Waste and Recycling		
Business Field		General Machines Manufacturing		
Company Name		NIIHAMA IRON WORKS CO., LTD.		
Product/ Technology		Two axis crusher		
Overview of Product/Technology	Characteristics	<ul style="list-style-type: none"> · The power source is an electric motor and is extremely easy to operate and maintain. · Its powerful lion drive synthesizes the output of two geared motors, making it possible to obtain large crushing power with a small motor. · Inverter specifications: 200% crushing force can be instantaneously generated · Crushing blade uses strong and durable special steel jointly developed with blast furnace manufacturer · Since the crushing blade can be exchanged on site, maintenance is easy and inexpensive. 		
	Keywords	Two axis crusher Electric motors, inverters, tough and durable crush blade Maintenance is easy and inexpensive		
	Price			
Detailed Information about Products/Technology	Details	<ul style="list-style-type: none"> · Size of crushing chamber: 351 × 366 mm to 1090 × 1914 mm · Motor capacity × number of devices: 3.7 kW × 1 to 110 kW × 2 units · Blasting blade thickness: 14.8 to 90 mm 		
	Capabilities	Detailed specifications will be determined after consultation, based on the materials, size of the objects to be crushed, and the desired particle size after crushing.		
	Cost	We will provide quotations after considering the specifications.		
	Life cycle	It depends on the object to be crushed.		
	Remarks			
	Pictures relating to products and technologies	<ul style="list-style-type: none"> · <u>Crushing machine</u>  · <u>Inverter</u>  · <u>Zoom in image of crusher (crushing a motorcycle)</u>  · <u>Crushing blade</u>  		
Advantages	Patent and award history			
	Examples of uses (Domestic and overseas)	Units sold: Over 400 units (leading in this industry) Also sold to customers overseas, in places such as Korea, Vietnam, and Indonesia Customers: Local governments, major plant manufacturers, various manufacturers, etc.		