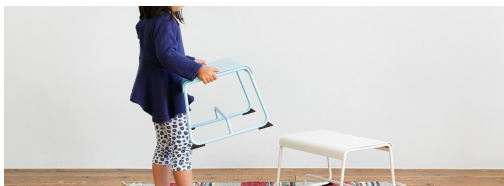


MARCH 2021

MADE IN MT. FUJI

MACRW from Japan



SPECIALIZING IN MAGNESIUM PROCESSING

MACRW Co., Ltd. develops a business specializing in magnesium processing at the foot of Mt. Fuji.

In order to connect the characteristics of magnesium to various problem solving and value creation, we will open up a new world of magnesium by utilizing our unique production technology.

Magnesium is the lightest metal in practical use. Therefore it's expected to be used in various fields such as welfare equipment.

We have been developing unique products that take advantage of magnesium through these technological development.



For this, our company had to meet 3 challenges

- The first one is safety measures. When we cut, shave or machine magnesium, chips come out. So, we need safety measures for it.

By dedicating all machines to magnesium processing and equipping fire extinguishers, we have implemented safety measures.

- The second one is plastic forcing like bending and drawing. For example, if you bend magnesium with a same way as other metals, it breaks easily. Then, we have achieved the stable bending process of magnesium by devising a variety of conditions such as selecting tools and jigs and adjusting the processing speed.

- We have arranged the environment in order to have stable welding system by producing electrodes on our own. Also, craftspeople who have all kinds of welding techniques for such as aluminum and stainless found the best welding conditions for magnesium and we could develop the welding technique. Furthermore, magnesium is gathering attention as it's easy to be recycled. We have also achieved an environment friendly surface procession by making painting process power coating.

PRODUCTS:

Cane Flamingo

Electricité-Free speaker for smartphones BAION Mg60

Arm chair Mtoo1 / Kids chair Mtoo2

Stop stool and stop Light tempo

Quad cane ULKIMATE

Stretcher type wheelchair for children with disabilities

tone art pipe for turntables

Landing skis for industrial drones

