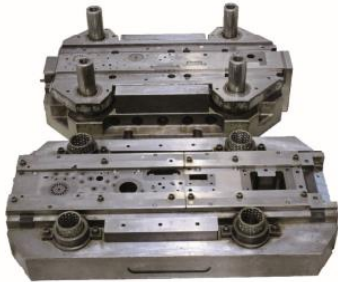
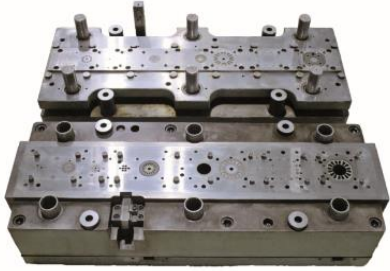


Die technology supporting the mass production of motors for household appliances

Registration No.	Number 00281		
Registration Date	September 10, 2019	Registration Category	Category 2

Name (Model, etc.)	【Stamping Die (Tool) for Motor Cores】 (1) Ultra-high speed Die (2) Automatic Interlocking Die, 1st "MAC (Mitsui Automatic Core Assembly)" Die
Location	Kitakyushu-shi, Fukuoka Mitsui High-tec, Inc.
Owner (Custodian)	Mitsui High-tec, Inc.
Manufacturer (Company)	(1) Mitsui High-tec, Inc. (2) Mitsui High-tec, Inc.
Year Manufactured	(1) 1974 (2) 1975
Year first appeared	(1) 1974 (2) 1974
Reason For Selection	<p>The motor is a device that is used in all sorts of industrial machines and household products. Japan is one of the world leaders in terms of motor production volume and technology. Supporting such production is the die that allows for mass production of quality motor cores. The ultra high-speed die (1) was developed to meet the increasing demand for motor cores with a major increase in productivity, and it was enabled a press stamping speed five times faster than existing dies. Further, the 1st "MAC" Die (2) is an epoch-making die that, while stamping motor cores in the die, it laminates to the desired number of layers and passes the stacked cores out from the die. It was become the first automatic interlocking die in Japan. These two resources are vital as Japanese die technology.</p>
Registration Standard	1-A (Show an important aspect or stage of the development of science and technology.)

Open/Closed to Public	Open to public
Photo	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p>(1)</p>  </div> <div style="text-align: center;"> <p>(2)</p>  </div> </div>
Other useful information	