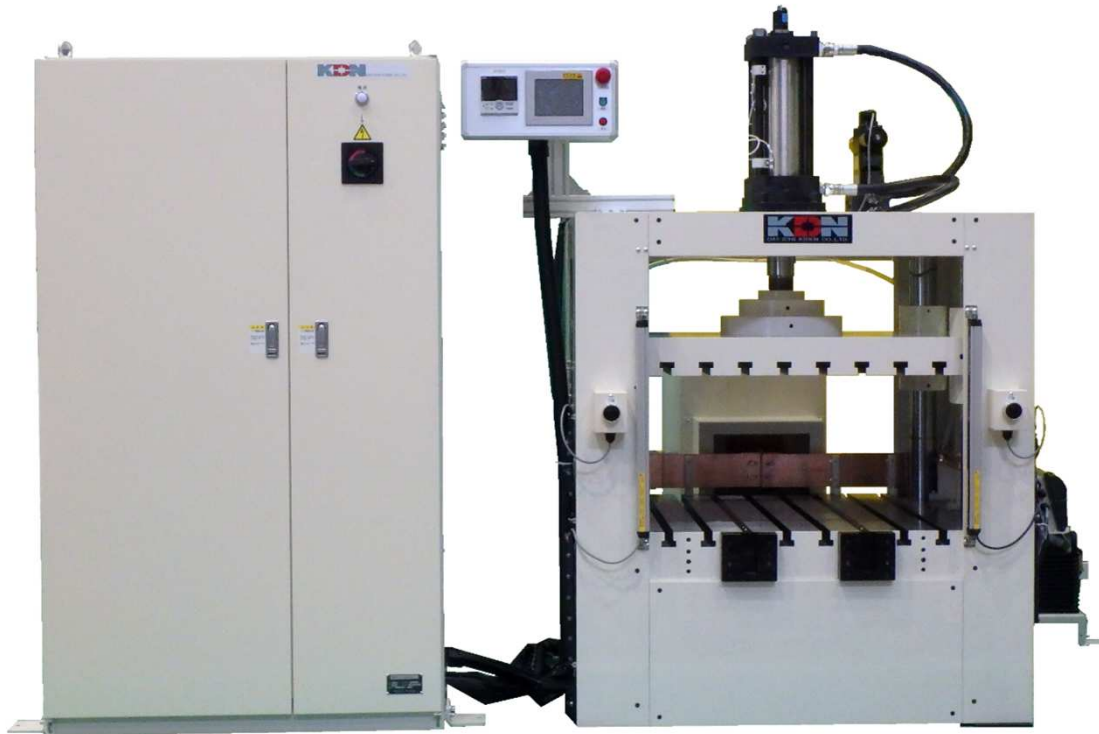


Compact type Hot Stamping system of High Tensile Strength Steel

(IH type)



Compact and Fast

Hot Forming

We have applied RF induction heating to Hot Forming of High Tensile strength Steel to process quick and spot heating by RF induction heating.

The high power response of RF induction heating enables precise temperature control, which is not possible with resistance heating.

RF induction heating provides heat exactly at the required time and spot, therefore this system is useful for various types of heating applications.

Warm Forming

Magnesium alloy, titanium alloy are warm formed by Ohmic heating process. It can be used to form CFRP (heat curing · heat plasticity).

Prompt induction heating

For warm forming of CFRP

For delicate press forming

Application	High tension steel	CFRP	Magnesium alloy etc.
Heating	RF induction heating	RF induction heating	RF induction heating
Work	Steel sheet	Forming Id	Forming mold
Atmosphere	air	air	air
Processing time	5~ (sec)	1~ (min)	1~ (min)

※Heating time will be changed by material and size of the work to be heated or capacity of power supply.