

Holding[®]

Stationary Demagnetizing Machine

Best for Heavy Large Steel Workpieces



Stamping Die



Powder Metallurgy Mold



Steel Rod / Line Rail



Steel Ring / Tube

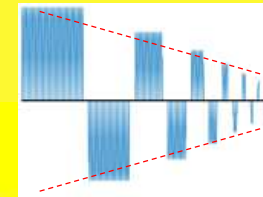


— Stationary demagnetization

— Penetrating DC waveform

— Built-in Tesla meter

DC Variable Frequency Demagnetizing Waveform



Built-in Tesla meter



Holding Electric Co., LTD.

Total Solution for Demagnetization

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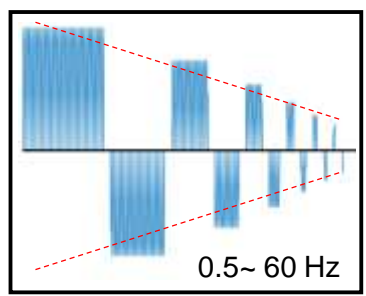


Operating Principle

Stationary Demagnetizing Machine

DC Variable Frequency Waveform

- ✓ Variable-frequency DC demagnetizing waveform with auto attenuating & phase alternating function.



Advantage 1

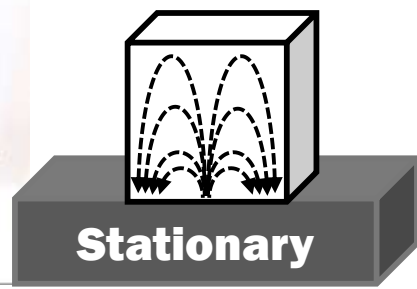
- ✓ Stationary demagnetizing. No need to move the workpiece during operation
- ✓ Demagnetization can be done in 10 ~ 15 seconds



Advantage 2

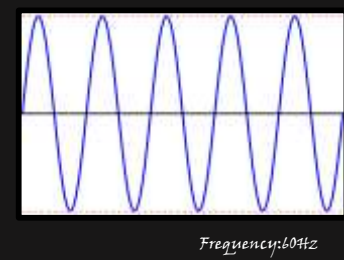
- ✓ Low-frequency waveform with strong penetrating capability
- ✓ Best for **heavy & thick** steel workpieces with complex structures

Penetrating into thick workpieces



Traditional Demagnetizers

AC Fixed-Magnitude Waveform

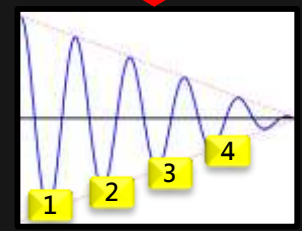


Drawback 2

- ✓ Need to move the part through the machine to make the demagnetizing filed attenuated
- ✓ When demagnetizing large parts, it need much space to operate and is very dangerous

Drawback 1

- ✓ High-frequency AC waveform decays rapidly
- ✓ Unable to demagnetize deeply inside thick parts



For Mold / Flat parts

HD-SM Series



- ✓ Suitable for flat parts, molds, or dies, such as stamping dies & powder metallurgy molds
- ✓ The size of demagnetizing area can be customized
- ✓ Equipped with a Tesla meter



Model	Demag Range (LxWxH)mm
HD-SM3050	500x300x150
HD-SM3030	300x300x150
HD-SM4040	400x400x150
HD-SM4060	400x600x150
HD-SM6060	600x600x150

For Long parts

HD-SL Series



- ✓ Suitable for long parts, such as steel rod or line rail
- ✓ Demagnetize whole part at a time to avoid mutual magnetizing
- ✓ The size of demagnetizing area can be customized
- ✓ Equipped with a Tesla meter



Model	Demag Range (LxWxH)mm
HD-SL1000	1000x120x150
HD-SL2000	2000x120x150
HD-SL3000	3000x120x150
HD-SL4000	4000x120x150
HD-SL7000	7000x120x150

For Ring / Tube parts

HD-SV Series



- ✓ Suitable for ring and tube
- ✓ Special V-shaped magnetic block
- ✓ Equipped with a Tesla meter

Model	Demag Range (LxWxH)mm
HD-SV2525	250x250

Desktop Type

HD-ST Series



- ✓ Desktop demagnetizer with an external controller
- ✓ Multiple units can be combined to demagnetize very large parts

Model	Demag Range (LxWxH)mm
HD-ST2040	200x400

For Handheld parts

HD-SH Series



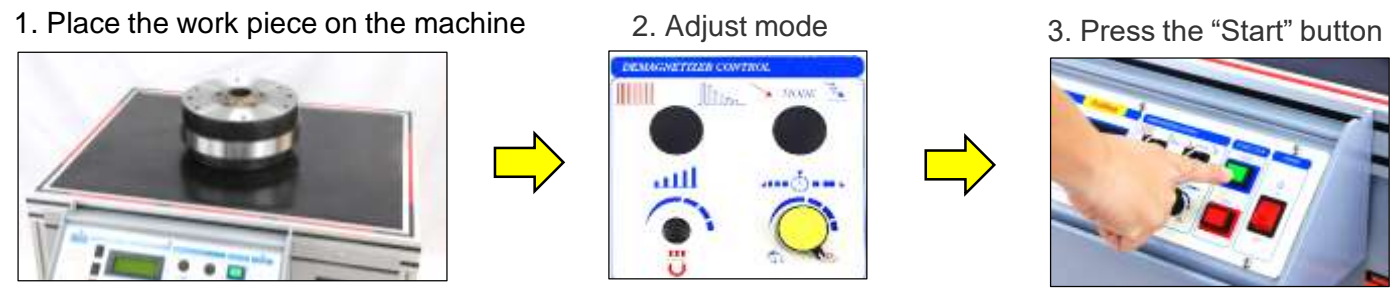
- ✓ Handy design demagnetizer with an external controller
- ✓ Suitable for Large steel plate
- ✓ Demagnetized one part at a time

Model	Demag Range (LxWxH)mm
HD-SH270	120x120

Control Panel



Operation Method



Tesla Meter

- ✓ Plug-and-play tesla meter
- ✓ Adopting a digital high-precision Hall sensor
- ✓ With 0.1mT accuracy
- ✓ Wear- & Impact-resistant packaging
- ✓ With functions of maximum hold, unit switch , and zeroing environmental magnetic field.

The Built-In Tesla Sensor



Display screen of Tesla Meter

