

GOULD-BASS CO., INC. MAGNE-TECH
STANDARD RANGE OF WET HORIZONTAL MAGNETIC PARTICLE INSPECTION MACHINES

FEATURES	3504	3505	3505-10	3509		3509-10	3509-01	3509-01-10	BENEFITS
Opening Between Headstock and Tailstock	3504-54" 3504A-100" 3504B-144"	3505-54" 3505A-100" 3505B-144"	3505-10-54" 3505A-10-100" 3505B-10-144"	3509-54" 3509A-100" 3509B-144"		3509-10-54" 3509A-10-100" 3509B-10-144"	3509-01-N/A 3509A-01-100" 3509B-01-144"	3509-01-10-N/A 3509A-01-10-100" 3509B-01-10-144"	Accommodate Various Part Sizes.
Type Magnetizing Current	AC FWDC	FWDC	FWDC	FWDC		FWDC	AC FWDC	AC FWDC	To Meet Inspection Specification Requirements.
Max Output	4000 AC 5000 FWDC	6000 FWDC	10,000 FWDC	6000 FWDC		10,000 FWDC	6000 AC 6000 FWDC	6000 AC 10,000FWDC	To Meet Inspection Specification Requirements.
Demagnetization	AC	None	None	REV DC		REV DC	AC REV DC	AC REV DC	Fast, Efficient Demagnetization (DC-Recommended for Large Retentive Parts.)
230 V or 460 V 50-60 HZ/1 Phase	STANDARD	N/A	N/A	N/A		N/A	N/A	N/A	To Meet Standard Input Electrics. (Special Voltages Available.)
230 V or 460 V 50-60 HZ/3 Phase	N/A	STANDARD	STANDARD	STANDARD		STANDARD	STANDARD	STANDARD	To Meet Standard Input Electrics. (Special Voltages Available.)
12" Railmounted Moveable Coil	STANDARD	STANDARD	STANDARD	STANDARD		STANDARD	STANDARD	STANDARD	Standard Size Coil for Coil Shots.
16", 20", 25", 30" Coils	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL		OPTIONAL	OPTIONAL	OPTIONAL	Coil Sizes to Accommodate Larger Part Diameters.
Quick Break	YES	YES	YES	YES		YES	YES	YES	Ensures Maximum Residual Field and Maximum Repeatability of Inspection. (Basically a Function of Coil Operations.)
Infinitely Variable Current Control	STANDARD	STANDARD	STANDARD	STANDARD		STANDARD	STANDARD	STANDARD	Allows for Full Range Adjustable Current Settings.
Current Assurance Indicator	STANDARD	STANDARD	STANDARD	STANDARD		STANDARD	STANDARD	STANDARD	Easy to Read Digital Ammeter Indicator Light that Current Has Flowed.
Hip/Push Bar For Mag Shot	STANDARD	STANDARD	STANDARD	STANDARD		STANDARD	STANDARD	STANDARD	Hands Free Mag Shot.
HeavyDuty Head/Tail Stock with Crank	STANDARD	STANDARD	STANDARD	STANDARD		STANDARD	STANDARD	STANDARD	Ease of Part Loading.
Heavy Duty Head/Tail Stock-Push & Lock	N/A	N/A	N/A	N/A		N/A	N/A	N/A	Simple, Easy to Use for Standard Applications.
Digital Ammeter with Hold Feature	STANDARD	STANDARD	STANDARD	STANDARD		STANDARD	STANDARD	STANDARD	Accurate Ammeter Readings with Hold Feature.
Footswitch Headstock Activation	STANDARD	STANDARD	STANDARD	STANDARD		STANDARD	STANDARD	STANDARD	Allows for Easy Part Loading.
Stainless Steel Tank	STANDARD	STANDARD	STANDARD	STANDARD		STANDARD	STANDARD	STANDARD	Corrosion Resistant. No Side Wall Particle Accumulation.
Front Wood Grille Rear Wood Grille	STANDARD	STANDARD	STANDARD	STANDARD		STANDARD	STANDARD	STANDARD	Allows for Ample Part Staging Area on Bench.
Recirculation/ Agitation System	STANDARD	STANDARD	STANDARD	STANDARD		STANDARD	STANDARD	STANDARD	Assures Uniform Magnetic Particle Distribution.
Application Hose with Spray Nozzle	STANDARD	STANDARD	STANDARD	STANDARD		STANDARD	STANDARD	STANDARD	For Manual Bath Application.
Overall Dimension L=Length W=Width(Front to Back) H=Working Height	3504=78" 3504A=124" 3504B=168" W=30", H=42"	3505=78" 3505A=124" 3505B=168" W=30", H=42"	3505-10=78" 3505A-10=124" 3505B-10=168" W=30", H=42"	3509-10=78" 3509A-10=124" 3509B-10=168" W=30", H=42"		3509-10=78" 3509A-10=124" 3509B-10=168" W=30", H=42"	3509-01=N/A 3509A-01=124" 3509B-01=168" W=30", H=42"	3509-01-10=N/A 3509A-01-10=124" 3509B-01-10=168" W=30", H=42"	Industry Standard Bench Sizes for Most Standard MPI Applications.
Module Control Boards with Color Coded Plug-In Modules	STANDARD	STANDARD	STANDARD	STANDARD		STANDARD	STANDARD	STANDARD	Self-Diagnostic, Simplifies Operator Trouble Shooting.
Nominal Line Amp Draw 230V/460V-60Hz	300/150	220/110	440/220	220/110		440/220	220/110	440/220	Electrical Requirements.
Fuse Size	200/100	200/100	400/200	200/100		400/200	200/100	400/200	Electrical Requirements.
Rotating Head/Tailstocks	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL		OPTIONAL	OPTIONAL	OPTIONAL	Allows for Easy Part Rotation and Part Reading.
Steady Rests	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL		OPTIONAL	OPTIONAL	OPTIONAL	To Support Parts.Allows Headstock to be Opened with Part Remaining in Position.
Motorized Tailstock	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL		OPTIONAL	OPTIONAL	OPTIONAL	Allows Operator to Reposition Tailstock Quickly and with Minimum Effort.
Blacklight Hoods (with Fan Console)	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL		OPTIONAL	OPTIONAL	OPTIONAL	To Meet Customer Requirements.