

VMM3012		VMM3612		VMM3417		VMM3917	
STANDARD FEATURES		STANDARD FEATURES		STANDARD FEATURES		STANDARD FEATURES	
<ul style="list-style-type: none"> • Rigid Honeycomb Wall Column Construction • Reeves Adjustable RPM Control • High Torque 8:1 Back Gear • Micrometer Depth Stop • One Shot Manual Lubrication System • Double Lock Devices for Axes • Precision Ground Table Surface • Hardened and Ground Way Surfaces with Turcite • Dovetail Way Surfaces • Adjustable Nut Design for Minimal Backlash • Chrome Plated Precision Ground Quill • Hardened and Ground Splined Spindle Shaft • Stress Relieved and Annealed GA50 Meehanite Castings • Two year parts warranty 		<ul style="list-style-type: none"> • Stress Relieved and Annealed GA50 Meehanite Castings • Rigid Honeycomb Wall Column Construction • Yaskawa AC Inverter Spindle Drive • High Torque 8:1 Back Gear • Micrometer Depth Stop • One Shot Manual Lubrication System • Double Lock Devices for Axes • Precision Ground Table Surface • Hardened and Ground Way Surfaces with Turcite • Dovetail Way Surfaces • Adjustable Nut Design for Minimal Backlash • Chrome Plated Precision Ground Quill • Hardened and Ground Splined Spindle Shaft • Two year parts warranty 		<ul style="list-style-type: none"> • Stress Relieved and Annealed GA50 Meehanite Castings • Rigid Honeycomb Wall Column Construction • Yaskawa AC Inverter Spindle Drive • High Torque 8:1 Back Gear • Micrometer Depth Stop • Automatic Metered Lubrication System • Fabric Way Covers • Double Lock Devices for Axes • Precision Ground Table Surface • Hardened and Ground Way Surfaces with Turcite • Square Box Ways on Y Axis and Knee • Adjustable Nut Design for Minimal Backlash • Internal Knee Rapid Feed Motor • Hardened and Ground Splined Spindle Shaft • Two year parts warranty 		<ul style="list-style-type: none"> • Stress Relieved and Annealed GA50 Meehanite Castings • Rigid Honeycomb Wall Column Construction • Yaskawa AC Inverter Spindle Drive • High Torque 8:1 Back Gear • Micrometer Depth Stop • Automatic Metered Lubrication System • Fabric Way Covers • Double Lock Devices for Axes • Precision Ground Table Surface • Hardened and Ground Way Surfaces with Turcite • Square Box Ways on Y Axis and Knee • Adjustable Nut Design for Minimal Backlash • Internal Knee Rapid Feed Motor • Hardened and Ground Splined Spindle Shaft • Two year parts warranty 	
ACCESSORY PACKAGE A							
Power Draw Bar		Power Draw Bar		Power Draw Bar		Power Draw Bar	
Fabric Way Covers		Fabric Way Covers		Coolant Drip Pan		Coolant Drip Pan	
Automatic Lubrication		Automatic Lubrication		X Axis Power Feed		X Axis Power Feed	
Halogen Work Lamp		Halogen Work Lamp		Halogen Work Lamp		Halogen Work Lamp	
X Axis Power Feed		X Axis Power Feed		Fabric Way Covers		Fabric Way Covers	
ACCESSORY PACKAGE B							
Flood Coolant System		Flood Coolant System		Flood Coolant System		Flood Coolant System	
Coolant Drip Pan		Coolant Drip Pan		Rear Splash Guards		Rear Splash Guards	
Collet Set 1/8"-1" 15 Pcs		Collet Set 1/8"-1" 15 Pcs		Collet Set 1/8"-1" 15 Pcs		#40 Spindle Safety Ring	
Y Axis Power Feed		Y Axis Power Feed		Y Axis Power Feed		Y Axis Power Feed	
Table Clamping Set		Table Clamping Set		Table Clamping Set		Table Clamping Set	
X, Y Newall C80 DRO		X, Y Newall C80 DRO		X, Y, Z Newall C80 DRO		X, Y, Z Newall C80 DRO	
OTHER ACCESSORIES							
Quill Scale Readout		Quill Scale Readout		4" Riser		4" Riser	
Newall Quill DRO <i>Req Pkg B</i>		Newall Quill DRO <i>Req Pkg B</i>		6" Riser		6" Riser	
Knee Power Feed		Knee Power Feed		Quill Scale Readout		Quill Scale Readout	
Spray Mist		Spray Mist		Spray Mist		Spray Mist	
Rear Splash Guards		Rear Splash Guards		CT or BT 30 Spindle		Additional Manual	
Additional Manual		Additional Manual		Additional Manual		440 VAC 6 kVA Transformer	
440 VAC 6 kVA Transformer		440 VAC 6 kVA Transformer		440 VAC 6 kVA Transformer			

September 1, 2008

Two Year Parts Warranty

HML1640		HML1660		HML2060	
STANDARD FEATURES		STANDARD FEATURES		STANDARD FEATURES	
<ul style="list-style-type: none"> • Stress Relieved and Annealed GA50 Meehanite Castings • Single Piece Casting Provides Maximum Dampening • Hardened and Ground Way Surfaces • Gear Selectable RPM • Chuck Guard and Safety Switch • Spindle Back Plate • Foot Brake Pedal for Spindle • Flood Coolant System • 4-way Tool Post • 2 Centers • Auto Safety Stop • Two Year Parts Warranty 		<ul style="list-style-type: none"> • Stress Relieved and Annealed GA50 Meehanite Castings • Single Piece Casting Provides Maximum Dampening • Hardened and Ground Way Surfaces • Yaskawa AC Inverter Driven Spindle with Variable RPM's • Chuck Guard and Safety Switch • Spindle Back Plate • Foot Brake Pedal for Spindle • Flood Coolant System • 4-way Tool Post • 2 Centers • Leveling Pads • Auto Safety Stop • Two Year Parts Warranty 		<ul style="list-style-type: none"> • Stress Relieved and Annealed GA50 Meehanite Castings • Single Piece Casting Provides Maximum Dampening • Hardened and Ground Way Surfaces • Yaskawa AC Inverter Driven Spindle with Variable RPM's • Chuck Guard and Safety Switch • Spindle Back Plate • Foot Brake Pedal for Spindle • Flood Coolant System • 4-way Tool Post • 2 Centers • Leveling Pads • Auto Safety Stop • Two Year Parts Warranty 	
ACCESSORY PACKAGE A					
Not Available On These Machines					
ACCESSORY PACKAGE B					
Steady Rest - Brass, .5 – 4.3"		Steady Rest - Brass, .5 – 4.3"		Steady Rest - Brass, .5 – 4.3"	
Follow Rest - Brass, .6 – 3.1"		Follow Rest - Brass, .6 – 3.1"		Follow Rest - Brass, .6 – 3.1"	
Drip Shield for Cross Slide		Drip Shield for Cross Slide		Drip Shield for Cross Slide	
Micro Carriage Stop		Micro Carriage Stop		Micro Carriage Stop	
Quartz Work Light		Quartz Work Light		Quartz Work Light	
Rear Splash Guard		Rear Splash Guard		Rear Splash Guard	
Newall C80 DRO		Newall C80 DRO		Newall C80 DRO	
OTHER ACCESSORIES					
7" – 3 Jaw Chuck		7" – 3 Jaw Chuck		10" – 3 Jaw Chuck	
9" – 3 Jaw Chuck		9" – 3 Jaw Chuck		12" – 3 Jaw Chuck	
Taper Attachment		Taper Attachment		Taper Attachment	
Spray Mist		Spray Mist		Spray Mist	
Additional Manual		Additional Manual		Additional Manual	
440 VAC 6 kVA Transformer		440 VAC 6 kVA Transformer		440 VAC 6 kVA Transformer	

All Partner Manual Machines Including VMM and HML Have A Two Year Parts Only Warranty
Terms in USA: Cash or terms with approved credit; down payment due with order. Terms outside USA: Cash or approved Letter of Credit F.O.B Waconia, Minnesota USA. Prices do not include taxes, duties, transportation or rigging.
All sales of equipment, parts, software and service are subject to Milltronics Standard Terms and Conditions of Sale.
Milltronics reserves the right to amend or change without notice without incurring obligation; not responsible for typographical errors.
Consult Written Warranty Statement for Details of Two Year Parts Warranty