MITSUBISHI M80A●●Syntic○○FANUC OMF Plus○○HEIDENIATING 620○○BBT-40 10.000 rpm Belt Drive○○BBT-40 10.000 rpm Direct Drive○○Coolant Trough Spindle 2015○○Coolant Trough Spindle 2015○○Coolant Through Spindle 2015○○Coolant Through Spindle 2015○○Coolant Through Spindle 2015○○Automatic Counter-Balance on Z-axis○○Automatic Counter-Balance on Z-axis○○Automatic Counter-Balance on Z-axis○○Automatic Collector○○Guil Mit Collector○○Automatic Collector○○Automatic Collector○○Automatic Collector○○Automatic Collector○○Automatic Collector○○Automatic Collector○○Automatic Collector○○Automatic Collector <th>Model</th> <th></th> <th>LV-1170</th> <th>LV-1370</th>	Model		LV-1170	LV-1370
Controller FANUC DIMF Plus O O HEIDENHAIN TNG 620 O O O SiENENS 8280-01 O O O BBT-40 10,000 rpm Direct Drive O O O 20,000 rpm Direct Drive O O O Artc Arm Type Tool Magazine 30T O O Spindle Oil Coolant System O O O Bult-in-colant Norzeles O O O Coolant Through Spindle 20 Bar O O O Colant Through Spindle 20 Bar O O O Automatic Tool Length Measurement O O O Automatic Tool Length Measurement O O	Controller	MITSUBISHI M80A	•	•
HEIDENHAIN TNC 620 O SIEMENS 828Dal O O BBT-40 10,000 rpm Biett Drive O O BBT-40 10,000 rpm Direct Drive O O 20,000 rpm Built-In-spindle O O Arm Type Tool Magazine 24T • • Arm Type Tool Magazine 30T O O Spindle Oil Coolant System • • Built-in-Coolant Nozzles • • Coolant Through Spindle 20 Bar O O Colant Through Spindle 20 Bar O O Cola		Syntec	0	0
SIEMENS 828061 O BBT-40 10,000 rpm Direct Drive O 20,000 rpm Built-In-spindle O Arm Type Tool Magazine 30T O Spindle Oil Coolant Nozzles O Coolant Through Spindle 20 Bar O Automatic Counter-Balance on Z-axis O 4th Axis Rotary Table and Tallatock O Automatic Ubrication System O Grease Lubrication System O Grease Lubrication System O Oil Mit Collector O Heat Exchanger for Electrical Cabinet O Air Conditioner for Electrical Cabinet O <tr< td=""><td>FANUC OIMF Plus</td><td>0</td><td>0</td></tr<>		FANUC OIMF Plus	0	0
BBT-40 10.000 rpm Belt Drive BBT-40 10.000 rpm Direct Drive BBT-40 12.000 rpm Direct Drive BBT-40 12.000 rpm Direct Drive BBT-40 12.000 rpm Direct Drive Comparison Direct Drive Direct Drive Comparison Direct Drive Drive		HEIDENHAIN TNC 620	0	0
Spinole BBT-40 10,000 rpm Direct Drive O BBT-40 12,000 rpm Direct Drive O O BBT-40 24,000 rpm Direct Drive O O BBT-40 24,000 rpm Direct Drive O O 20,000 rpm Buitt-in-spindle O O Arm Type Tool Magazine 24T O O Arm Type Tool Magazine 30T O O Spindle Oil Coolant System O O Built-in Coolant Nozzles O O Coolant Through Spindle 50 Bar O O VZ Axes Linear Scale O O O VZ Axes Linear Scale O O O VZ Axes Linear Scale O O O Automatic Tool Length Measurement O O O Automatic Cubrication System O O O Oil Mat Collector O O O Nie Chaler for Electrical Cabinet O O O Automatic Row rype Chip Conveyor & Cart O O O Bed Flushing		SIEMENS 828Dsl	0	0
Spindle BBT-40 12,000 rpm Direct Drive O BBT-40 24,000 rpm Direct Drive O O 20,000 rpm Bult-in-spindle O O Arm Type Tool Magazine 24T • • • Built-in Coolant Nozzles • • • Coolant Through Spindle 50 Bar • • • N/Z Axes Linear Sale • • • • Nutratic Counter-Balance on Z-axis • • • • Automatic Tool Length Measurement • • •	Spindle	BBT-40 10,000 rpm Belt Drive	•	•
Spindle BBT-40 15,000 rpm Direct Drive O BBT-40 24,000 rpm Direct Drive O O 20,000 rpm Built-in-spindle O O Arm Type Tool Magazine 24T • • Arm Type Tool Magazine 30T O O Arm Type Tool Magazine 30T O O Built-in Coolant Nozzles • • Coolant Through Spindle 20 Bar O O Colant Through Spindle 50 Bar O O XYZ Axes Linear Scale O O Pneumatic Counter-Balance on Z-axis • • 4th Axis Rotary Table and Tailstock O O Automatic Tool Length Measurement O O Automatic Lubrication System • • Oil Mist Collector () () Nist Collector () · Nist Collector · • Air Conditioner for Electrical Cabinet O · Air Conditioner for Electrical Cabinet O · Bed Flushing • • <td< td=""><td>BBT-40 10,000 rpm Direct Drive</td><td>0</td><td>0</td></td<>		BBT-40 10,000 rpm Direct Drive	0	0
BBT-40 15,000 rpm Direct Drive 0 0 BBT-40 24,000 rpm Direct Drive 0 0 20,000 rpm Built-in-spindle 0 0 Arm Type Tool Magazine 24T 0 0 Arm Type Tool Magazine 30T 0 0 Spindle Oil Coolant System 0 0 Built-in Coolant Nozzles 0 0 Coolant Through Spindle 20 Bar 0 0 Coolant Through Spindle 50 Bar 0 0 XYZ Axes Linear Scale 0 0 Pneumatic Counter-Balance on Z-axis 0 0 4th Axis Rotary Table and Tailstock 0 0 Automatic Workpiece Measurement 0 0 Automatic Undriction System 0 0 Grease Lubrication System 0 0 Bid Hubristonic Couneyor & Cart 0 0		BBT-40 12,000 rpm Direct Drive	0	0
20,000 rpm Built-in-spindle O Arm Type Tool Magazine 24T ● Arm Type Tool Magazine 30T O Spindle Oil Coolant System ● Built-in Coolant Nozzles ● Coolant Through Spindle 20 Bar O Coolant Through Spindle 50 Bar O Coolant Through Spindle 50 Bar O YZ Axes Linear Scale O Pneumatic Counter-Balance on Z-axis ● 4th Axis Retary Table and Tailstock O Automatic Tool Length Measurement O Automatic Tool Length Measurement O Oil Skimmer ● Oil Skimmer ● Oil Mist Collector O Heat Exchanger for Electrical Cabinet ● Air Conditioner for Electrical Cabinet ● Bed Flushing ● Screw Type Chip Conveyor & Cart ○ Link Chain Type Chip Conveyor & Cart ● Link Chain Type Chip Conveyor & Cart ● Mid Automatic Power Off ● Transformer ○ ○ M30 Automatic Power Off ● ● Transformer		BBT-40 15,000 rpm Direct Drive	0	0
Arm Type Tool Magazine 24T ● ● Arm Type Tool Magazine 30T ○ ○ Spindle Oil Coolant System ● ● Built-in Coolant Nozzles ● ● Coolant Through Spindle 20 Bar ○ ○ Coolant Through Spindle 50 Bar ○ ○ XYZ Axes Linear Scale ○ ○ Pneumatic Counter-Balance on Z-axis ● ● Attomatic Workpiece Measurement ○ ○ Automatic Cubrication System ● ● Grease Lubrication System ○ ○ Oil Mist Collector ○ ○ Heat Exchanger for Electrical Cabinet ○ ○ Air Conditioner for Electrical Cabinet ○ ○ Air Conditioner for Electrical Cabinet ○ ○ Bed Flushing ● ● ● Screw Type Chip Conveyor & Cart ○ ○ Rigid Tapping ● ● ● LED Work Light / Alarm Light ● ● ● Coolant Gun / Air gun ● ● ● LED Work Light / Alarm Light<		BBT-40 24,000 rpm Direct Drive	0	0
ATC Arm Type Tool Magazine 30T O O Spindle Oil Coolant System ● ● Built-in Coolant Nozzles ● ● Coolant Through Spindle 20 Bar O O Coolant Through Spindle 50 Bar O O XYZ Axes Linear Scale O O Pneumatic Counter-Balance on Z-axis ● ● 4th Axis Rotary Table and Tailstock O O Automatic Tool Length Measurement O O Automatic Countication System ● ● Grease Lubrication System O O Oil Skimmer ● ● Oil Skimmer ● ● Oil Mist Collector O O Heat Exchanger for Electrical Cabinet ● ● Air Conditioner for Electrical Cabinet ● ● Bed Flushing ● ● ● Screw Type Chip Conveyor & Cart ● ● ● Link Chain Type Chip Conveyor & Cart ● ● ● Link Chain Type Chip Conveyor & Cart ● ● ● Link		20,000 rpm Built-in-spindle	0	0
Arm Type Tool Magazine 30T O Spindle Oil Coolant System ● Built-in Coolant Nozzles ● Coolant Through Spindle 20 Bar O Coolant Through Spindle 50 Bar O XYZ Axes Linear Scale O Pneumatic Counter-Balance on Z-axis ● 4th Axis Rotary Table and Tailstock O Automatic Tool Length Measurement O Automatic Lubrication System ● Oil Mist Collector O Heat Exchanger for Electrical Cabinet ● Air Conditioner for Electrical Cabinet ● Air Conditioner for Electrical Cabinet ● Rigid Tapping ● ● LED Work Light / Alarm Light ● ● Coolant Gun / Air gun ● ● Ethernet Transmission ● ● M30 Automatic Power Off ● ● Transformer ○ ○ Standard CE Safety Switch ○ ○	ATC	Arm Type Tool Magazine 24T	•	•
Built-in Coolant Nozzles Coolant Through Spindle 20 Bar Coolant Through Spindle 50 Bar Coolant Through Spindle 50 Bar XYZ Axes Linear Scale Pneumatic Counter-Balance on Z-axis 4th Axis Rotary Table and Tailstock Coolant Through Spindle Measurement Coolant Counter-Balance on Z-axis Automatic Tool Length Measurement Coolant Counter-Balance on Z-axis Automatic Tool Length Measurement Coolant System Coolant Councer for Electrical Cabinet Coolant Gun / Air Gonditioner for Electrical Cabinet ED Work Light / Alarm Light Coolant Gun / Air gun Ethernet Transmission Ethernet Transmission Coolant Gun / Air gun Ethernet Transmission Coolant Gun / Air gun Cool		Arm Type Tool Magazine 30T	0	0
Coolant Through Spindle 20 Bar O Coolant Through Spindle 50 Bar O XYZ Axes Linear Scale O Pneumatic Counter-Balance on Z-axis O 4th Axis Rotary Table and Tailstock O Automatic Tool Length Measurement O Automatic Lubrication System O Oll Skimmer O Oll Mist Collector O Neat Conditioner for Electrical Cabinet O Air Conditioner for Electrical Cabinet O Air Conditioner for Electrical Cabinet O Bed Flushing O Screw Type Chip Conveyor & Cart O Link Chain Type Chip Conveyor & Cart O LED Work Light / Alarm Light O Coolant Gur, Air gun O Ethernet Transmission O M30 Automatic Power Off O Transformer O O		Spindle Oil Coolant System	•	•
Coolant Through Spindle 50 Bar O XYZ Axes Linear Scale O Pneumatic Counter-Balance on Z-axis • 4th Axis Rotary Table and Tailstock O Automatic Tool Length Measurement O Automatic Lubrication System O Grease Lubrication System O Oil Skimmer O Oil Mist Collector O Heat Exchanger for Electrical Cabinet O Air Conditioner for Electrical Cabinet O Bed Flushing O Screw Type Chip Conveyor & Cart O Link Chain Type Chip Conveyor & Cart O Rigid Tapping O LED Work Light / Alarm Light O Coolant Gun / Air gun O Ethernet Transmission O M30 Automatic Power Off O Transformer O Standard CE Safety Switch O O Standard CE Safety Switch		Built-in Coolant Nozzles	•	•
XYZ Axes Linear Scale O O Pneumatic Counter-Balance on Z-axis O O 4th Axis Rotary Table and Tailstock O O Automatic Tool Length Measurement O O Automatic Uubrication System O O Grease Lubrication System O O Oil Skimmer O O Oil Mist Collector O O Heat Exchanger for Electrical Cabinet O O Bed Flushing O O Screw Type Chip Conveyor & Cart O O Link Chain Type Chip Conveyor & Cart O O LED Work Light / Alarm Light O O Coolant Gun / Air gun O O Ethernet Transmission O O M30 Automatic Power Off O O Transformer O O Standard CE Safety Switch O O		Coolant Through Spindle 20 Bar	0	0
Pneumatic Counter-Balance on Z-axis 		Coolant Through Spindle 50 Bar	0	0
4th Axis Rotary Table and Tailstock 0 0 Automatic Tool Length Measurement 0 0 Automatic Workpiece Measurement 0 0 Automatic Lubrication System 0 0 Grease Lubrication System 0 0 Oil Skimmer 0 0 Oil Mist Collector 0 0 Heat Exchanger for Electrical Cabinet 0 0 Air Conditioner for Electrical Cabinet 0 0 Bed Flushing 0 0 Screw Type Chip Conveyor & Cart 0 0 Ink Chain Type Chip Conveyor & Cart 0 0 Rigid Tapping 0 0 0 LED Work Light / Alarm Light 0 0 0 Coolant Gun / Air gun 0 0 0 Ethernet Transmission 0 0 0 M30 Automatic Power Off 0 0 0 Transformer 0 0 0 0		XYZ Axes Linear Scale	0	0
Automatic Tool Length Measurement Automatic Workpiece Measurement Automatic Lubrication System Grease Lubrication System Oil Skimmer Oil Mist Collector Heat Exchanger for Electrical Cabinet Air Conditioner for Electrical Cabinet Bed Flushing Screw Type Chip Conveyor & Cart Link Chain Type Chip Conveyor & Cart Rigid Tapping LED Work Light / Alarm Light M30 Automatic Power Off Transformer <t< td=""><td>Pneumatic Counter-Balance on Z-axis</td><td>•</td><td>•</td></t<>		Pneumatic Counter-Balance on Z-axis	•	•
Automatic Workpiece Measurement O Automatic Lubrication System O Grease Lubrication System O Oil Skimmer O Oil Nist Collector O Heat Exchanger for Electrical Cabinet O Air Conditioner for Electrical Cabinet O Bed Flushing O Screw Type Chip Conveyor & Cart O Link Chain Type Chip Conveyor & Cart O Rigid Tapping O LED Work Light / Alarm Light O Coolant Gun / Air gun O Ethernet Transmission O M30 Automatic Power Off O Transformer O Standard CE Safety Switch O		4th Axis Rotary Table and Tailstock	0	0
Automatic Lubrication System ● Grease Lubrication System ○ Grease Lubrication System ○ Oil Skimmer ● Oil Mist Collector ○ Heat Exchanger for Electrical Cabinet ● Air Conditioner for Electrical Cabinet ● Air Conditioner for Electrical Cabinet ● Bed Flushing ● Screw Type Chip Conveyor & Cart ● Link Chain Type Chip Conveyor & Cart ● Rigid Tapping ● LED Work Light / Alarm Light ● Coolant Gun / Air gun ● Ethernet Transmission ● M30 Automatic Power Off ● Transformer ○ Standard CE Safety Switch ○		Automatic Tool Length Measurement	0	0
Grease Lubrication System ○ Oil Skimmer ● Oil Mist Collector ○ Heat Exchanger for Electrical Cabinet ● Air Conditioner for Electrical Cabinet ○ Bed Flushing ● Screw Type Chip Conveyor & Cart ● Link Chain Type Chip Conveyor & Cart ○ Rigid Tapping ● LED Work Light / Alarm Light ● Coolant Gun / Air gun ● Ethernet Transmission ● M30 Automatic Power Off ● Transformer ○ Standard CE Safety Switch ○		Automatic Workpiece Measurement	0	0
Oil Skimmer ● ● Oil Mist Collector ○ ○ Heat Exchanger for Electrical Cabinet ● ● Air Conditioner for Electrical Cabinet ○ ○ Bed Flushing ● ● Screw Type Chip Conveyor & Cart ● ● Link Chain Type Chip Conveyor & Cart ○ ○ Rigid Tapping ● ● LED Work Light / Alarm Light ● ● Coolant Gun / Air gun ● ● Ethernet Transmission ● ● M30 Automatic Power Off ● ● Transformer ○ ○ Standard CE Safety Switch ○ ○		Automatic Lubrication System	•	•
Others Oil Mist Collector O Heat Exchanger for Electrical Cabinet • • Air Conditioner for Electrical Cabinet O O Bed Flushing • • Screw Type Chip Conveyor & Cart • • Link Chain Type Chip Conveyor & Cart O O Rigid Tapping • • LED Work Light / Alarm Light • • Coolant Gun / Air gun • • Ethernet Transmission • • M30 Automatic Power Off • • Transformer O O Standard CE Safety Switch O •	Others	Grease Lubrication System	0	0
Others Heat Exchanger for Electrical Cabinet • • Air Conditioner for Electrical Cabinet • • • Bed Flushing • • • Screw Type Chip Conveyor & Cart • • • Link Chain Type Chip Conveyor & Cart • • • Rigid Tapping • • • LED Work Light / Alarm Light • • • Coolant Gun / Air gun • • • Ethernet Transmission • • • M30 Automatic Power Off • • • Transformer • • • • Standard CE Safety Switch • • • •		Oil Skimmer	•	•
Heat Exchanger for Electrical Cabinet••Air Conditioner for Electrical CabinetOOBed Flushing••Screw Type Chip Conveyor & Cart••Link Chain Type Chip Conveyor & CartOORigid Tapping••LED Work Light / Alarm Light••Coolant Gun / Air gun••Ethernet Transmission••M30 Automatic Power OffO•TransformerO•Standard CE Safety SwitchO•		Oil Mist Collector	0	0
Bed Flushing • • Screw Type Chip Conveyor & Cart • • Link Chain Type Chip Conveyor & Cart • • Rigid Tapping • • LED Work Light / Alarm Light • • Coolant Gun / Air gun • • Ethernet Transmission • • M30 Automatic Power Off • • Transformer • • Standard CE Safety Switch • •		Heat Exchanger for Electrical Cabinet	•	
Screw Type Chip Conveyor & Cart•Link Chain Type Chip Conveyor & CartORigid Tapping•LED Work Light / Alarm Light•Coolant Gun / Air gun•Ethernet Transmission•M30 Automatic Power Off•TransformerOStandard CE Safety SwitchO		Air Conditioner for Electrical Cabinet	0	0
Link Chain Type Chip Conveyor & CartORigid Tapping●LED Work Light / Alarm Light●Coolant Gun / Air gun●Ethernet Transmission●M30 Automatic Power Off●TransformerOStandard CE Safety SwitchO		Bed Flushing	•	
Rigid Tapping•LED Work Light / Alarm Light•Coolant Gun / Air gun•Ethernet Transmission•M30 Automatic Power Off•Transformer○Standard CE Safety Switch○Ethernet i○		Screw Type Chip Conveyor & Cart	•	•
LED Work Light / Alarm Light●●Coolant Gun / Air gun●●Ethernet Transmission●●M30 Automatic Power Off●●Transformer○○Standard CE Safety Switch○○		Link Chain Type Chip Conveyor & Cart	0	0
Coolant Gun / Air gun••Ethernet Transmission••M30 Automatic Power Off••Transformer••Standard CE Safety Switch••		Rigid Tapping	•	•
Ethernet Transmission••M30 Automatic Power Off••Transformer○○Standard CE Safety Switch○○		LED Work Light / Alarm Light	•	•
M30 Automatic Power Off ● ● Transformer ○ ○ Standard CE Safety Switch ○ ○		Coolant Gun / Air gun	•	•
Transformer O Standard CE Safety Switch O		Ethernet Transmission	•	
Standard CE Safety Switch O		M30 Automatic Power Off	•	•
		Transformer	0	0
Full CE Mark O		Standard CE Safety Switch	0	0
		Full CE Mark	0	0

• Design and specification are subject to change without prior notice.