	Turning Packages	Milling Packages

Packages	• 1-saddle (1-spindle) turning package
	  Milling with C-axis control
	• 2-saddle (2-spindle) turning package
	  1-saddle (2-spindle) turning included
	• Multitasking package
	  YZ-plane milling
	  B-axis slope machining and ATC
		• Vertical machining package
		• Horizontal machining package
		  Machining with additional axis control
		• 5-sided machining package
		  Attachment correction

Machining features	Turning, Multitasking	Drilling, Contouring, Area machining
Machine control specifications	1-saddle, 2-saddle, multitasking, secondary-spindle, Y-axis and/or B-axis control.	Vertical machining center, horizontal machining center, and five-face machining center
Blank material data entry	Round bar, blank of uniform machining allowance, and blank of any shape	Right parallelepiped (Cuboid), Cylinder, Triangular prism, Quadrilateral prism
Machining auto-set	The optimal machining area, machining method, tool, cutting conditions, and work process are automatically set from the shape of the blank and the as-machined shape. Selection of conditions for auto-setting: Standard, longitudinal turning priority, or transverse turning priority	The development of the optimal machining method and automatic setting of the optimal tool, cutting conditions, and machining sequence from the shape of the section to be machined.
Tool path check	3D simulation, cross-sectional display, transparent display, body rotation, enlargement/reduction, and tool path display	
Cycle time calculate	Automatic calculation of cutting time and non-cutting time for each machining operation, and graphic display of cycle time	
Machining instruction output	Machining sequence table, Tool list, Machining drawings auto-creation	
NC program output	Post-processor for OSP use, or postprocessor for non-OKUMA NC unit	
Machining technology information editing — Tool data registration	1,000 tools/machine	999 tools/machine
Machining technology information editing — Materials data	16 types x Cutting conditions for each machining method/machine	10 types x 5 types of tools x Cutting conditions for each machining method/machine