

PCV 430 / MCV 4300

SMALL MACHINING CENTER



PCV 430 High speed, Ultra precision Vertical machining center!



- The Largest machining capacity in its class
- Applying low-centered box structure and Rigid one piece cast iron bed
- Applying the widest linear guide way span and the widest saddle in its class to prevent overhang
- Available with direct drive spindle and belt drive spindle for user's preference.

Major Specifications

DESCRIPTION		PCV 430	MCV 4300
Travel X/Y/Z	mm	700×430×510	770×430×510
Distance from table top to spindle spindle nose	mm	130~640	150~660
Working Surface - table size	mm	750×420	920×460
Loading capacity	kgf	560	500
Table surface configuration	mm	18H8 × p125 × 3ea	18H8 × p125 × 3ea
Spindle Speed [Opt.]	min ⁻¹	10,000[12,000]	Direct/12,000 [Belt Drive/12,000]
Spindle Motor(30min/cont.)	kW	20.4[max]/18.5[S3]/15(15min)/11 (7.5/11)	15/11
Rapid Traverse(X/Y/Z)	m/min	48/48/36	36/36/30
Tool Shank	-	BT40	BT40
Tool Changing Time(T-T)	sec	1.6	1.6
Magazine Capacity	ea	24	30
Required floor space (L×W×H)	mm	2,888×2,100×2,700	2,741×2,370×2,804
Machine weight	kgf	4,500	5,500
Controller		Fanuc Series	