

KM 450D

Dual Table Machining Center



**Column moving type,
High Productivity Machining Center!**

KM 450S : Single Table / KM 450D : Dual Table

- High rigidity column moving structure
- Non-lift type high speed, high precision dual table
- Premium roller type L/M guide and ball screw
- High speed arm type tool changer to be selectable max. 30 Tools



1000X700



24 [30]



1.70 sec



2.90 sec



12k



250x2 kg

**the most advanced mechanism
of high-speed technology**

KM 450D

VERTICAL MACHINING CENTER

Machine Dimensions

Unit : mm

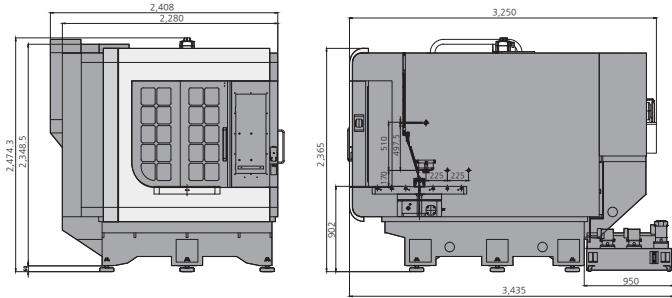
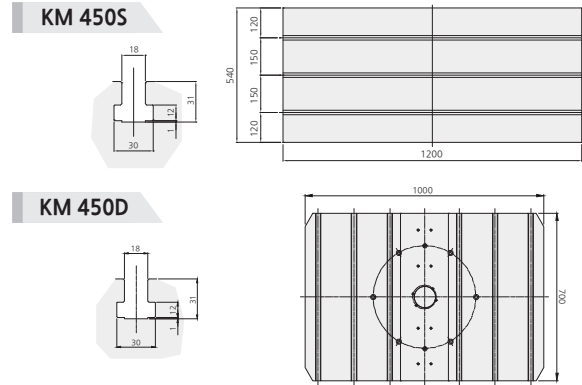


Table & T-Slot

Unit : mm



Major Specifications

ITEM			KM 450S	KM 450D
Table	size	mm	1,200×540	1,000×700
	max. loading capacity	kg	800	250×2
	pallet change time	sec	-	5
Travels	X axis	mm	650	
	Y axis	mm	450	
	Z axis	mm	510	
	distance between table top and spindle nozzle end	mm	200~710	170~680
Spindle	taper		BT40	
	big plus		-	
	max. spindle speed	rpm	12,000	
	spindle motor (cont./max.)	kW	11/18.5	
	torque (cont./max.)	Nm	70/118	
Feedrate	X/Y/Z	m/min	36/36/36	
ATC	tool shank type	-	BT40	
	pull stud type	-	PS-805	
	tool storage capacity	pcs	24[30]	
	max. tool diameter	mm	80	
	max. tool length	mm	300	
	max. tool weight	kg	7	
	tool selection method	-	Twin arm (Random)	
	tool change time	T-T	sec	1.7
C-C		sec	4.5	
Power source	power supply	-	AC220V 50/60HZ	
	power capacity	kVA	36	
Machine dimension	size	mm	3,070×2,400	3,435×2,400
	height	mm	2,475	
	weight	kg	5,300	5,500
CNC	model		M80-A [Siemens 828D, Fanuc OiMF]	
	program method		G-cod, M-code [Conversation]	
	display	inch	10.4	

*Design and specifications subject to change without notice.

[] : option



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