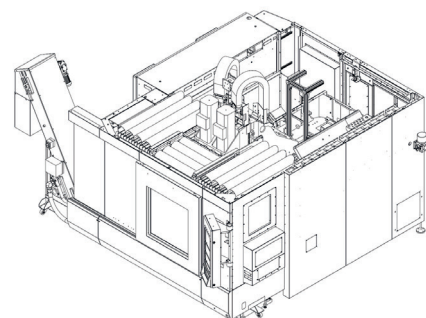


System 8 Series

MT 831 TWIN



Single place and two place milling-turning centers. Available as single-spindle and double-spindle TWIN. Ideal for stable and precise complete milling and turning of complex workpieces.



Specification:

Model	Unit	MT 831 TWIN	TWIN
Milling Spindle			
Spindle distance	mm	320	400
Spindle drive	kW	2 x 22/51	
Torque	Nm	2 x 140/170	
Spindle speeds	rpm	10000/12000	
Turning Spindle			
Spindle drive	kW	2 x 43	
Torque	Nm	2 x 180	
Spindle speeds	rpm	4200	
Working Area			
X-axis	mm	780	700
Y-axis	mm	400	
Z-axis	mm	400	
High speeds	m/min	75	
Acceleration	g	up to 1.5	
Tools			
Number		2 x 32	2 x 35
Weight	kg	5/10	
Diameter	mm	78/140	
Length	mm	300	
Chip-to-chip time	s	3.0	
Controls		Siemens 840D sl. Siemens 840D sl	

Twin spindle distances	MT 831	MT 837	MT 838	MT 831 TWIN	MT 837 TWIN	MT 838 TWIN
a = 320mm	■					
a = 400mm	■					
a = 600mm		■	■			
Workpiece Data	MT 831	MT 837	MT 838	MT 831 TWIN	MT 837 TWIN	MT 838
Diameter Ø				315	580	580
Length				100	350	350
Weight				40	80	80

Size & weight	MT 831	MT 837	MT 838
Type	TWIN	Single	TWIN
Height mm	3200	3620	3620
Width one place mm	4500	4925	4925
Width two place mm	–	9060	9060
Depth mm	3700	4710	4710
Weight one place kg	7500	14000	14100
Weight two place kg	–	24600	25100