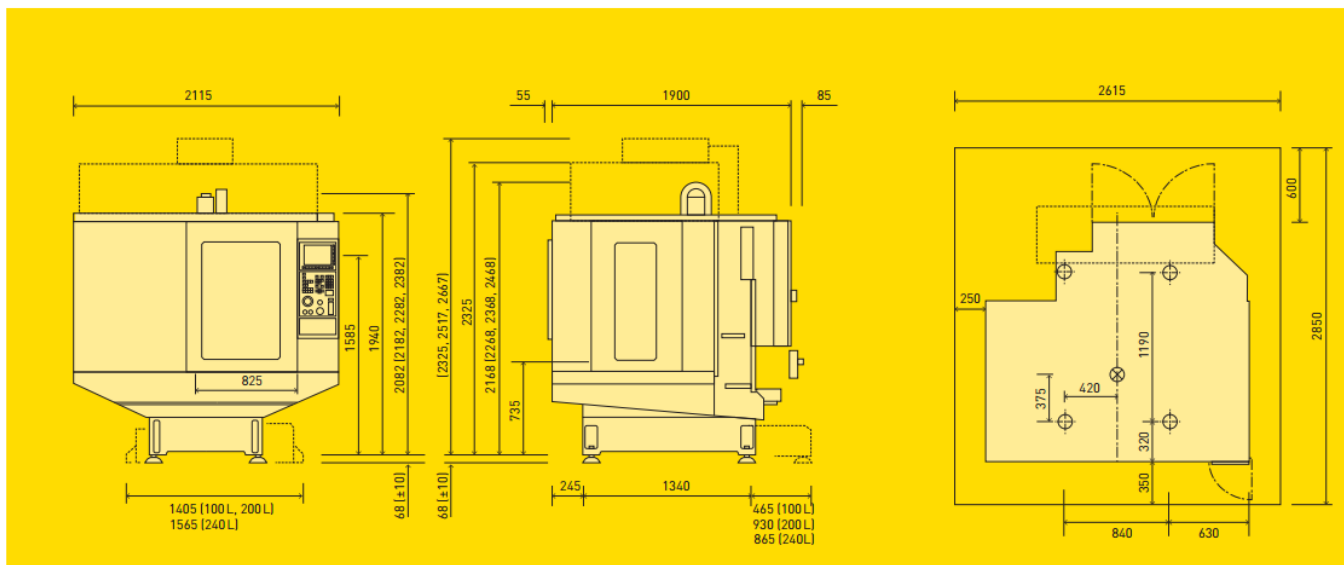


ROBODRILL MODELO D21LiA5





ROBODRILL MODELO D21LiA5

Robodrill α -DiA series		α -D21SiA5	α -D21MiA5	α -D21LiA5
Travel X/Y/Z	mm	300 x 300 x 330	500 x 400 x 330	700 x 400 x 330
Max. tool length (0-24,000 min ⁻¹)	mm	250		
Max. tool diameter	mm	80		
Table size	mm	630 x 330	650 x 400	850 x 410
Max. table load	kg	200	300	
Max. tool weight (0-24,000 min ⁻¹)	kg	3		
Distance from spindle nose to table	mm	250-580 with HC100		
Controller		FANUC 31i-B5		
Spindle speed (min ⁻¹)		10 000/24 000		
Spindle load	10,000 min ⁻¹	78 Nm, 12.5 kW (1 min), 3.7 kW continuous operation		
	24,000 min ⁻¹	35 Nm, 26 kW (1 min), 4.5 kW continuous operation		
Rapid traverse in all axes		54 m/min		
Acceleration X/Y/Z		1.5 G		
Number of tools		21		
Tool change time	chip to chip	1.6 s (2 kg/tool)		
Thread cutting	10,000 min ⁻¹	6,000 min ⁻¹		
	24,000 min ⁻¹	8,000 min ⁻¹		
Programmable cutting feed		30,000 mm/min		
Spindle holder		BT30/SK30 DIN 69871A (optional BBT30)		
Positioning accuracy ISO 230-2		0.006 mm		
Repeatability ISO 230-2		+/- 0.002 mm		
Air pressure consumption		150L/min 0.35-0.55 MPa (3.5-5.5 bar)		
Max. machine weight/with DDR-T	t	1.9/2.1	2.0/2.2	2.1/2.3