


TECHNICAL COMPARISON

	SILVER	GOLDEN PLUS	PLATINO	OPERA FIVE	DIAMANTE 18	DIAMANTE PLUS
X axis stroke	3.300 mm (129 ⁷ / ₈ in) 3.300 mm (129 ⁷ / ₈ in) 3.500 mm (137 ³ / ₄ in)	3.300 mm (129 ⁷ / ₈ in)	3.800 mm (149 ¹ / ₂ in)	3.800 mm (149 ¹ / ₂ in)	3.500 mm (137 ³ / ₄ in)	3.500 mm (137 ³ / ₄ in)
Y axis stroke	1.500 mm (59 in) 2.000 mm (78 ³ / ₄ in) 3.000 mm (118 ¹ / ₈ in)	1.600 mm (63 in)	2.000 mm (78 ³ / ₄ in) 2.500 mm (98 ¹ / ₂ in) 3.000 mm (118 ¹ / ₈ in)	3.000 mm (118 ¹ / ₈ in)	1.800 mm (70 ⁷ / ₈ in)	2.800 mm (110 ¹ / ₄ in)
Z axis stroke	250 mm (9 ⁷ / ₈ in)	250 mm (9 ⁷ / ₈ in)	350 mm (13 ³ / ₄ in)	650 mm (25 ⁵ / ₈ in)	350 mm (13 ³ / ₄ in) 650 mm (25 ⁵ / ₈ in)	350 mm (13 ³ / ₄ in) 650 mm (25 ⁵ / ₈ in)
A axis rotation	-	-	360°	- 185° + 185° (370°)	360°	360°
B axis inclination	-1,5° ÷ 1,5°	-1,5° ÷ 1,5°	-1° ÷ 1°	-	-1° ÷ 1°	-1° ÷ 1°
C axis inclination	-	-	-	- 120° + 120°	-	-
X axis rapid speed	60 m/min (197 fpm)	40 m/min (131,2 fpm)	50 m/min (164 fpm)	50 m/min (164 fpm)	40 m/min (131,2 fpm)	40 m/min (131,2 fpm)
Y axis rapid speed	60 m/min (197 fpm)	40 m/min (131,2 fpm)	50 m/min (164 fpm)	50 m/min (164 fpm)	40 m/min (131,2 fpm)	40 m/min (131,2 fpm)
Z axis rapid speed	15 m/min (49,2 fpm)	10 m/min (32,8 fpm)	30 m/min (98,4 fpm)	30 m/min (98,4 fpm)	15 m/min (49,2 fpm)	15 m/min (49,2 fpm)
Power spindle	19 HP S6 (14 kW) 66 Nm	19 HP S6 (14 kW) 66 Nm	19 HP S6 (14 kW) 66 Nm	18 HP S6 (13,2 kW) 26,4 Nm	21 HP S6 (15,4 kW) 100 Nm	21 HP S6 (15,4 kW) 100 Nm
RPM tool-holder spindle	0 ÷ 10.000	0 ÷ 10.000	0 ÷ 10.000	0 ÷ 12.000	0 ÷ 10.000	0 ÷ 10.000
Spindle Tool holder	ISO 40	ISO 40	ISO 40	ISO 40	ISO 40	ISO 40
Tool stations	15 20 35	34	37	38	36	31
Max distance Table - Spindle nose	510 mm (20 in)	500 mm (19 ¹ / ₂ in)	610 mm (24 in)	604 mm (23 ³ / ₄ in)	635 mm (25 in) 935 mm (36 ³ / ₄ in)	635 mm (25 in) 935 mm (36 ³ / ₄ in)
Total absorbed power	18 kW	17 kW	20 kW	27 kW	18 kW	19 kW