

# CNC WORKING CENTERS

Centri di lavoro a controllo numerico



## TECHNICAL COMPARISON *Comparazione tecnica*

	<b>SILVER</b>	<b>GOLDEN PLUS</b>	<b>PLATINO</b>	<b>OPERA FIVE</b>	<b>DIAMANTE 18</b>	<b>DIAMANTE PLUS</b>
<b>X axis stroke</b> <i>Corsa carro asse X</i>	3.300 mm (129 <sup>7</sup> / <sub>8</sub> in) 3.300 mm (129 <sup>7</sup> / <sub>8</sub> in) 3.500 mm (137 <sup>3</sup> / <sub>4</sub> in)	3.300 mm (129 <sup>7</sup> / <sub>8</sub> in)	3.800 mm (149 <sup>5</sup> / <sub>8</sub> in)	3.800 mm (149 <sup>5</sup> / <sub>8</sub> in)	3.500 mm (137 <sup>3</sup> / <sub>4</sub> in)	3.500 mm (137 <sup>3</sup> / <sub>4</sub> in)
<b>Y axis stroke</b> <i>Corsa carro asse Y GANTRY</i>	1.500 mm (59 in) 2.000 mm (78 <sup>3</sup> / <sub>4</sub> in) 3.000 mm (118 <sup>1</sup> / <sub>8</sub> in)	1.600 mm (63 in)	2.000 mm (78 <sup>3</sup> / <sub>4</sub> in) 2.500 mm (98 <sup>3</sup> / <sub>8</sub> in) 3.000 mm (118 <sup>1</sup> / <sub>8</sub> in)	3.000 mm (118 <sup>1</sup> / <sub>8</sub> in)	1.800 mm (70 <sup>7</sup> / <sub>8</sub> in)	2.800 mm (110 <sup>1</sup> / <sub>4</sub> in)
<b>Z axis stroke</b> <i>Corsa carro asse Z</i>	250 mm (9 <sup>7</sup> / <sub>8</sub> in)	250 mm (9 <sup>7</sup> / <sub>8</sub> in)	350 mm (13 <sup>3</sup> / <sub>4</sub> in)	650 mm (25 <sup>5</sup> / <sub>8</sub> in)	350 mm (13 <sup>3</sup> / <sub>4</sub> in) 650 mm (25 <sup>5</sup> / <sub>8</sub> in)	350 mm (13 <sup>3</sup> / <sub>4</sub> in) 650 mm (25 <sup>5</sup> / <sub>8</sub> in)
<b>A axis rotation</b> <i>Rotazione asse A</i>	-	-	360°	- 185° + 185° (370°)	360°	360°
<b>B axis tilting</b> <i>Ribaltamento asse B</i>	-1,5° ÷ 1,5°	-1,5° ÷ 1,5°	-1° ÷ 1°	-	-1° ÷ 1°	-1° ÷ 1°
<b>C axis rapid speed</b> <i>Velocità in rapido del carro asse X</i>	-	-	-	- 120° + 120°	-	-
<b>X axis rapid speed</b> <i>Velocità in rapido del carro asse X</i>	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)
<b>Y axis rapid speed</b> <i>Velocità in rapido del carro asse Y</i>	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)
<b>Z axis rapid speed</b> <i>Velocità in rapido del carro asse Z</i>	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)
<b>Power spindle</b> <i>Potenza motore mandrino portautensile</i>	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
<b>RPM tool-holder spindle</b> <i>Velocità rotazione mandrino portautensile</i>	0 ÷ 10.000	0 ÷ 10.000	0 ÷ 10.000	0 ÷ 12.000	0 ÷ 10.000	0 ÷ 10.000
<b>Spindle tool holder</b> <i>Attacco utensile</i>	ISO 40	ISO 40	ISO 40	ISO 40	ISO 40	ISO 40
<b>Tool stations</b> <i>Numero stazioni</i>	15 - 20 - 35	34	37	38	36	50
<b>Max distance table - Spindle nose</b> <i>Distanza massima da tavolo a naso mandrino</i>	510 mm (20 <sup>1</sup> / <sub>8</sub> in)	500 mm (19 <sup>3</sup> / <sub>4</sub> in)	610 mm (24 in)	604 mm (23 <sup>3</sup> / <sub>4</sub> in)	635 mm (25 in) 935 mm (36 <sup>3</sup> / <sub>4</sub> in)	635 mm (25 in) 935 mm (36 <sup>3</sup> / <sub>4</sub> in)
<b>Total absorbed power</b> <i>Potenza massima assorbita</i>	18 kW	17 kW	20 kW	27 kW	18 kW	18 kW