

# CNC MILLING MACHINE

Fresatrici a ponte a controllo numerico



## TECHNICAL COMPARISON *Comparazione tecnica*

	NEW CHAMPION PLUS 700	NEW CHAMPION PLUS 1000	NEW CHAMPION PLUS 1300	NEW CHAMPION PLUS 1800	NEW CHAMPION PLUS 2200
<b>X axis stroke</b> <i>Corsa carro asse X</i>	3.800 mm (149 5/8 in)	3.800 mm (149 5/8 in)	3.800 mm (149 5/8 in)	4.000 mm (157 1/2 in)	4.000 mm (157 1/2 in)
<b>Y axis stroke</b> <i>Corsa carro asse Y</i>	2.500 mm (98 3/8 in) 3.500 mm (137 3/4 in) 6.500 mm (255 7/8 in)	2.500 mm (98 3/8 in) 3.500 mm (137 3/4 in) 6.500 mm (255 7/8 in)	3.500 mm (137 3/4 in) 6.500 mm (255 7/8 in)	3.500 mm (137 3/4 in)	3.500 mm (137 3/4 in)
<b>Z axis stroke</b> <i>Corsa carro asse Z</i>	700 mm (27 1/2 in)	1.000 mm (39 3/8 in)	1.300 mm (51 1/8 in)	1.800 mm (70 7/8 in)	2.200 mm (86 5/8 in)
<b>A axis rotation</b> <i>Rotazione asse A</i>	- 185° + 185° (370°)	- 185° + 185° (370°)	- 185° + 185° (370°)	- 185° + 185° (370°)	- 185° + 185° (370°)
<b>C axis tilting</b> <i>Ribaltamento asse C</i>	0° ÷ 90°	0° ÷ 90° (with Cut & Move) - 30° ÷ 100° (without Cut & Move)	- 120° ÷ 120°	- 120° ÷ 120°	- 120° ÷ 120°
<b>X axis rapid speed</b> <i>Velocità in rapido del carro asse X</i>	65 m/min (213,3 fpm)	65 m/min (213,3 fpm)	65 m/min (213,3 fpm)	65 m/min (213,3 fpm)	65 m/min (213,3 fpm)
<b>Y axis rapid speed</b> <i>Velocità in rapido del carro asse Y</i>	65 m/min (213,3 fpm)	65 m/min (213,3 fpm)	65 m/min (213,3 fpm)	65 m/min (213,3 fpm)	65 m/min (213,3 fpm)
<b>Z axis rapid speed</b> <i>Velocità in rapido del carro asse Z</i>	11,4 m/min (37,4 fpm)	11,4 m/min (37,4 fpm)	11,4 m/min (37,4 fpm)	11,4 m/min (37,4 fpm)	11,4 m/min (37,4 fpm)
<b>Power electrospindle</b> <i>Potenza elettromandrino portadisco</i>	36 HP S6 (26,4 kW) 170 Nm	36 HP S6 (26,4 kW) 170 Nm	41 HP S6 (30 kW) 251 Nm	60 HP S6 (44,1 kW) 251 Nm	60 HP S6 (44,1 kW) 251 Nm
<b>Rpm electrospindle</b> <i>Velocità elettromandrino portadisco</i>	0 ÷ 8.000	0 ÷ 8.000	0 ÷ 8.000	0 ÷ 8.000	0 ÷ 8.000
<b>Electrospindle tool holder</b> <i>Attacco utensile elettromandrino</i>	ISO 40	ISO 40	ISO 50	ISO 50	ISO 50
<b>Max disk diameter</b> <i>Diametro massimo disco</i>	1.000 mm (39 3/8 in)	1.200 mm (47 1/4 in)	1.200 mm (47 1/4 in)	1.300 mm (51 1/8 in)	1.450 mm (57 in)
<b>Min disk diameter</b> <i>Diametro minimo disco</i>	350 mm (13 3/4 in)	350 mm (13 3/4 in)	350 mm (13 3/4 in)	350 mm (13 3/4 in)	350 mm (13 3/4 in)
<b>Max cutting thickness with disk</b> <i>Taglio spessore massimo disco</i>	360 mm (14 1/8 in)	460 mm (18 1/8 in)	460 mm (18 1/8 in)	510 mm (20 in)	590 mm (23 1/4 in)
<b>Max distance Table Spindle nose</b> <i>Distanza mandrino dal tavolo</i>	605 mm (23 7/8 in)	835 mm (32 7/8 in)	1.210 mm (47 5/8 in)	1.835 mm (72 1/4 in)	2.235 mm (88 in)
<b>Max absorbed power</b> <i>Potenza massima assorbita</i>	31 kW	31 kW	40 kW	52 kW	52 kW

**Displacement of pieces (optional)**  
Spostamento dei pezzi (opzionale)

with manipulator  
**CUT & MOVE**  
lifting capacity 800 kg

with manipulator  
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lifting capacity 800 kg

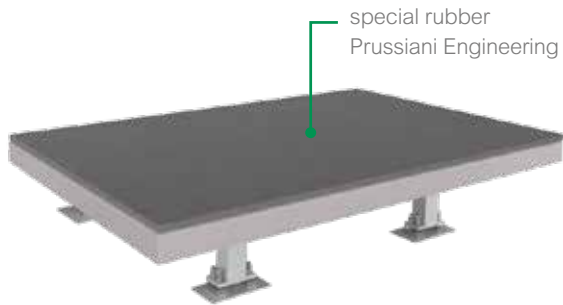
with manipulator  
**CUT & MOVE**  
lifting capacity 800 kg

# WORKING TABLES

*Tavole di lavoro*

## FIXED TABLE

*Tavola fissa*



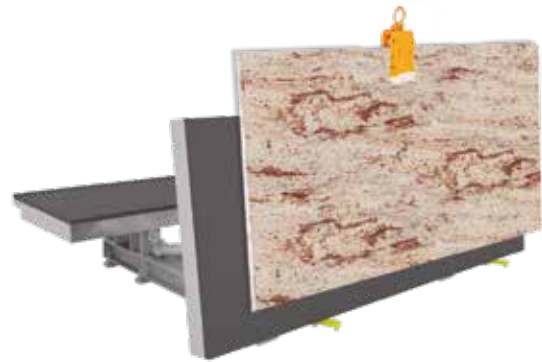
special rubber  
Prussiani Engineering

**TFG**

3.800 x 2.400 (149<sup>5</sup>/<sub>8</sub> x 94<sup>1</sup>/<sub>2</sub> in)

## PARTIAL TILTING TABLE

*Tavola parzialmente ribaltabile*



**TPG**

3.800 x 2.400 (149<sup>5</sup>/<sub>8</sub> x 94<sup>1</sup>/<sub>2</sub> in)

## ALUMINUM FIXED TABLE

*Tavola fissa alluminio*



**TFA**

3.330 x 2.100 (131<sup>1</sup>/<sub>8</sub> x 82<sup>5</sup>/<sub>8</sub> in)

## COMPLETELY TILTING TABLE

*Tavola completamente ribaltabile*

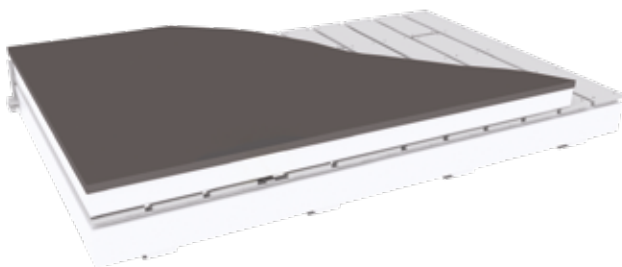


**TCG**

3.700 x 2.300 (145<sup>5</sup>/<sub>8</sub> x 90<sup>1</sup>/<sub>2</sub> in)

## ALUMINUM FIXED TABLE + RUBBER TOP SIDE TABLE

*Tavola fissa alluminio + sopratavola gomma*

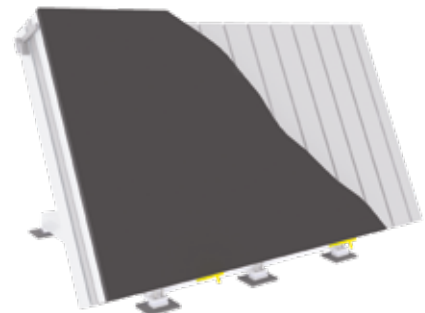


**TFA + STG**

3.700 x 2.300 (145<sup>5</sup>/<sub>8</sub> x 90<sup>1</sup>/<sub>2</sub> in)

## ALUMINUM TILTING TABLE + RUBBER TOP SIDE TABLE

*Tavola ribaltabile alluminio + sopratavola gomma*



**TRA + STG**

3.700 x 2.300 (145<sup>5</sup>/<sub>8</sub> x 90<sup>1</sup>/<sub>2</sub> in)