

	<i>FXB-1 Single Table 3-4 Axes Technical Data</i>	
Axes strokes	Quick positioning speeds	Quick accelerations
X = 2,280 mm (89.76") up to X = 3,970 mm (156.29")	100 meters/min. (3,937.0"/min.) 100 meters/min. (3,937.0"/min.)	3.0 m/s ² (118.1"/s ²) 3.0 m/s ² (118.1"/s ²)
Y = 2,490 mm (98.03") up to Y = 7,000 mm (275.59")	100 meters/min. (3,937.0"/min.) 100 meters/min. (3,937.0"/min.)	3.0 m/s ² (118.1"/s ²) 3.0 m/s ² (118.1"/s ²)
Z = 300 mm (11.81") up to Z = 700 mm (27.55")	30 meters/min. (1,181.1"/min.) 30 meters/min. (1,181.1"/min.)	3.0 m/s ² (118.1"/s ²) 3.0 m/s ² (118.1"/s ²)
C° = 360° continuous Optional for TX3 and ATC	9,000°/min.	500°/s ²
Working Tables		
Dimensions	From 1,860 mm x 1,560 mm (73.22" x 61.41")	Up to 3,120 mm x 3,120 mm (122.83" x 122.83")
3 and 4-Axes Working Units	Power – Maximum Speed	Toolchanging Magazine
TX3 – liquid-cooled	12 kW (16 HP) – 18,000 / 24,000 rpm 13 kW (17.4 HP) – 18,000 rpm 15 kW (20.1 HP) – 24,000 rpm	8 to 16 stations
ATC – liquid-cooled	12 kW (16 HP) – 18,000 / 24,000 rpm 13 kW (17.4 HP) – 18,000 rpm 15 kW (20.1 HP) – 24,000 rpm	8 to 16 stations
KX3 – liquid-cooled	28 kW (37.5 HP) – 24,000 rpm	16 stations
R8 Revolver – air-cooled	8.5 kW (11.4 HP) – 24,000 rpm 6.6 kW (8.8 HP) – 12,000 rpm 4.4 kW (5.9 HP) – 4,500 rpm	8 stations Optional quick release connection
TP – air-cooled	8.5 kW (11.4 HP) – 24,000 rpm 6.6 kW (8.8 HP) – 12,000 rpm 4.4 kW (5.9 HP) – 4,500 rpm	Optional quick release connection
Additional Working Units		
Horizontal electrospindles	2.9 kW (3.9 HP) – 18,000 rpm 4 kW (5.3 HP) – 18,000 rpm	
Saw blade group	5.7 kW (7.6 HP) – 3,500 rpm	
Drilling units	9 vertical exits in a line 11 vertical / horizontal exits (7 vertical / 2+2 horizontal) 17 vertical / horizontal exits (9 vertical / 4+4 horizontal) 28 vertical / horizontal exits (20 vertical / 6+2 horizontal)	Exits on 32 mm centers
January 2011 Note: All technical data is subject to change.		



FXB-1 Single Table 5 Axes Technical Data

Axes strokes	Quick positioning speeds	Quick accelerations
X = 3,210 mm (126.37") up to X = 3,970 mm (156.29")	100 meters/min. (3,937.0"/min.) 100 meters/min. (3,937.0"/min.)	3.0 m/s ² (118.1"/s ²) 3.0 m/s ² (118.1"/s ²)
Y = 2,490 mm (98.03") up to Y = 7,000 mm (275.59")	100 meters/min. (3,937.0"/min.) 100 meters/min. (3,937.0"/min.)	3.0 m/s ² (118.1"/s ²) 3.0 m/s ² (118.1"/s ²)
Z = 720 mm (28.34") – PX5, KX5 Z = 770 mm (30.31") – TUCU Z = 1,200 mm (47.24") - TUCU	30 meters/min. (1,181.1"/min.) 20 meters/min. (787.4"/min.) 20 meters/min. (787.4"/min.)	3.0 m/s ² (118.1"/s ²) 3.0 m/s ² (118.1"/s ²) 3.0 m/s ² (118.1"/s ²)
B° = +/- 120° - PX5 B° = +/- 110° - TUCU, KX5	10,800°/min. 9,000°/min.	500°/s ² 500°/s ²
C° = +/- 270° - PX5 C° = 360° continuous – TUCU C° = +/- 300° - KX5	10,800°/min. 9,000°/min. 9,000°/min.	500°/s ² 500°/s ² 500°/s ²
Working Tables		
Dimensions	From 1,860 mm x 1,560 mm (73.22" x 61.41")	Up to 3,120 mm x 3,120 mm (122.83" x 122.83")
5 Axes Working Units	Power – Maximum Speed	Toolchanging Magazine
PX5 – liquid-cooled	(S1) 12 kW (16 HP) – 24,000 rpm	16 stations
PX5 – liquid-cooled	(S1) 6.5 kW (8.7 HP) – 40,000 rpm	16 stations
TUCU – liquid-cooled	(S1) 13 kW (17.4 HP) – 24,000 rpm	16 stations
KX5 – liquid-cooled	(S1) 28 kW (37.5 HP) – 24,000 rpm	16 stations
Additional Working Units		
Horizontal electrospindles	2.9 kW (3.9 HP) – 18,000 rpm 4 kW (5.3 HP) – 18,000 rpm	
Saw blade group	5.7 kW (7.6 HP) – 3,500 rpm	
Drilling units	9 vertical exits in a line 11 vertical / horizontal exits (7 vertical / 2+2 horizontal) 17 vertical / horizontal exits (9 vertical / 4+4 horizontal) 28 vertical / horizontal exits (20 vertical / 6+2 horizontal)	Exits on 32 mm centers

	<i>FXB-2 Twin Table 3-4 Axes Technical Data</i>	
Axes strokes	Quick positioning speeds	Quick accelerations
X = 2,520 mm (99.21") up to X = 7,930 mm (312.20")	100 meters/min. (3,937.0"/min.) 100 meters/min. (3,937.0"/min.)	3.0 m/s ² (118.1"/s ²) 3.0 m/s ² (118.1"/s ²)
Y1, Y2 = 2,490 mm (98.03") up to Y1, Y2 = 7,000 mm (275.59")	100 meters/min. (3,937.0"/min.) 100 meters/min. (3,937.0"/min.)	3.0 m/s ² (118.1"/s ²) 3.0 m/s ² (118.1"/s ²)
Z = 300 mm (11.81") up to Z = 700 mm (27.55")	30 meters/min. (1,181.1"/min.) 30 meters/min. (1,181.1"/min.)	3.0 m/s ² (118.1"/s ²) 3.0 m/s ² (118.1"/s ²)
C° = 360° continuous Optional for TX3 and ATC	9,000°/min.	500°/s ²
Working Tables		
Dimensions	From two 1,260 mm x 1,560 mm each (49.60" x 61.41" each)	Up to two 3,120 mm x 3,120 mm each (122.83" x 122.83" each)
3 and 4-Axes Working Units	Power – Maximum Speed	Toolchanging Magazine
TX3 – liquid-cooled	12 kW (16 HP) – 18,000 / 24,000 rpm 13 kW (17.4 HP) – 18,000 rpm 15 kW (20.1 HP) – 24,000 rpm	8 to 16 stations
ATC – liquid-cooled	12 kW (16 HP) – 18,000 / 24,000 rpm 13 kW (17.4 HP) – 18,000 rpm 15 kW (20.1 HP) – 24,000 rpm	8 to 16 stations
KX3 – liquid-cooled	28 kW (37.5 HP) – 24,000 rpm	16 stations
R8 Revolver – air-cooled	8.5 kW (11.4 HP) – 24,000 rpm 6.6 kW (8.8 HP) – 12,000 rpm 4.4 kW (5.9 HP) – 4,500 rpm	8 stations Optional quick release connection
TP – air-cooled	8.5 kW (11.4 HP) – 24,000 rpm 6.6 kW (8.8 HP) – 12,000 rpm 4.4 kW (5.9 HP) – 4,500 rpm	Optional quick release connection
Additional Working Units		
Horizontal electrospindles	2.9 kW (3.9 HP) – 18,000 rpm 4 kW (5.3 HP) – 18,000 rpm	
Saw blade group	5.7 kW (7.6 HP) – 3,500 rpm	
Drilling units	9 vertical exits in a line 11 vertical / horizontal exits (7 vertical / 2+2 horizontal) 17 vertical / horizontal exits (9 vertical / 4+4 horizontal) 28 vertical / horizontal exits (20 vertical / 6+2 horizontal)	Exits on 32 mm centers
January 2011 Note: All technical data is subject to change.		



FXB-2 Twin Table 5 Axes Technical Data

Axes strokes	Quick positioning speeds	Quick accelerations
X = 3,210 mm (126.37") up to X = 7,930 mm (312.20")	100 meters/min. (3,937.0"/min.) 100 meters/min. (3,937.0"/min.)	3.0 m/s ² (118.1"/s ²) 3.0 m/s ² (118.1"/s ²)
Y1, Y2 = 2,490 mm (98.03") up to Y1, Y2 = 7,000 mm (275.59")	100 meters/min. (3,937.0"/min.) 100 meters/min. (3,937.0"/min.)	3.0 m/s ² (118.1"/s ²) 3.0 m/s ² (118.1"/s ²)
Z = 720 mm (28.34") – PX5, KX5 Z = 770 mm (30.31") – TUCU Z = 1,200 mm (47.24") - TUCU	30 meters/min. (1,181.1"/min.) 20 meters/min. (787.4"/min.) 20 meters/min. (787.4"/min.)	3.0 m/s ² (118.1"/s ²) 3.0 m/s ² (118.1"/s ²) 3.0 m/s ² (118.1"/s ²)
B° = +/- 120° - PX5 B° = +/- 110° - TUCU, KX5	10,800°/min. 9,000°/min.	500°/s ² 500°/s ²
C° = +/- 270° - PX5 C° = 360° continuous – TUCU C° = +/- 300° - KX5	10,800°/min. 9,000°/min. 9,000°/min.	500°/s ² 500°/s ² 500°/s ²
Working Tables		
Dimensions	From two 1,260 mm x 1,560 mm each (49.60" x 61.41" each)	Up to two 3,120 mm x 3,120 mm each (122.83" x 122.83" each)
5 Axes Working Units	Power – Maximum Speed	Toolchanging Magazine
PX5 – liquid-cooled	(S1) 12 kW (16 HP) – 24,000 rpm	16 stations
PX5 – liquid-cooled	(S1) 6.5 kW (8.7 HP) – 40,000 rpm	16 stations
TUCU – liquid-cooled	(S1) 13 kW (17.4 HP) – 24,000 rpm	16 stations
KX5 – liquid-cooled	(S1) 28 kW (37.5 HP) – 24,000 rpm	16 stations
Additional Working Units		
Horizontal electrospindles	2.9 kW (3.9 HP) – 18,000 rpm 4 kW (5.3 HP) – 18,000 rpm	
Saw blade group	5.7 kW (7.6 HP) – 3,500 rpm	
Drilling units	9 vertical exits in a line 11 vertical / horizontal exits (7 vertical / 2+2 horizontal) 17 vertical / horizontal exits (9 vertical / 4+4 horizontal) 28 vertical / horizontal exits (20 vertical / 6+2 horizontal)	Exits on 32 mm centers