

Machine Data



ANCA
CNC MACHINES

MACHINE DATA TABLE



	MicroX ULTRA	FX3	FX5	FX7	FX5 ULTRA	FX7 ULTRA	MX5	MX7	MX7 ULTRA	TX7	TXCELL
Grinding spindle	4.5 kW (6 HP) peak 12,000 RPM & HSK40F Taper	9 kW (12 HP) peak 10,000 RPM & HSK40F Taper	12 kW (16 HP) peak 19kW (25.4 HP) peak (option) 10,000 RPM & HSK40F Taper	19 kW (25.4 HP) peak 10,000 RPM & HSK40F Taper	12 kW (16 HP) peak 19kW (25.4 HP) peak (option) 10,000 RPM & HSK40F Taper	19 kW (25.4 HP) peak 10,000 RPM & HSK40F Taper	26 kW (35 HP) peak 14 kW (19 HP) S1 10,000 RPM & HSK50F Taper	38 kW (51 HP) peak 20 kW (27 HP) S1 10,000 RPM & HSK50F Taper	38 kW (51 HP) peak 20 kW (27 HP) S1 10,000 RPM & HSK50F Taper	37 kW (49 HP) peak 8000 RPM (optional 10,000 RPM and 15,000 RPM)	37 kW (49 HP) peak 8000 RPM (optional 10,000 RPM and 15,000 RPM)
Wheel packs	2 x Ø125 mm (5") max	1 x Ø203 mm (8") max	2 x Ø203 mm (8") max	2 x Ø203 mm (8") max with wheelchanger: 6 x Ø203 mm (8") max (option)	2 x Ø203 mm (8") max	6 x Ø203mm (8") max	2 x 203mm (8") max	3 x 203mm (8") max 6 x 152mm (6") max	3 x 203mm (8") max 6 x 152mm (6") max	2 x Ø203 mm (8") max	9, 14, 19 or 24 x Ø203 mm (8") Up to 10 x Ø 300mm (12")
Tool length (max) *flute length may vary depending on tooling (if applicable)	120mm (4.75")	200 mm (8")	200 mm (8")	200 mm (8")	200 mm (8")	200 mm (8.0")	350mm (14")	350mm (14")	350mm (14")	450mm (17.71")	450mm (17.71")
Loader type	Fanuc loader (tools only)	n/a	AR300 loader (option) Fanuc robot loader (option)	Fanuc loader loads tools & wheels	AR300 loader (option) Fanuc robot loader (option)	Fanuc loader loads tools & wheels	Fanuc loader (option) and Fastload MX (option)	Fanuc loader (option) and Fastload MX (option)	Fanuc loader (option) and Fastload MX (option)	Optional RoboMate with Fanuc loader loads tools	Fanuc loader loads tools & wheels
Tool capacity with loader (Max)	2520 x Ø3mm 2046 x Ø4mm 1764 x Ø5mm 1560 x Ø6mm 2346 x Ø1/8" 1500 x Ø1/4"	n/a	AR300 loader: 340 x Ø3 mm 200 x Ø6 mm 80 x Ø12 mm Fanuc loader: 840 x Ø3 mm 520 x Ø6 mm 221 x Ø12 mm	Fanuc loader: 840 x Ø3 mm 520 x Ø6 mm 221 x Ø12 mm	840 x Ø3 mm 520 x Ø6 mm 221 x Ø12 mm	Fanuc loader: 840 x Ø3 mm 520 x Ø6 mm 221 x Ø12 mm	FastLoad-MX (Option): 245 x Ø 3 mm 156 x Ø 6 mm 42 x Ø 16 mm RoboMate (Option): 2520 x Ø 3mm 1560 x Ø 6 mm 462 x Ø 16 mm 189 x Ø 25 mm	FastLoad-MX (Option): 245 x Ø 3 mm 156 x Ø 6 mm 42 x Ø 16 mm RoboMate (Option): 2520 x Ø 3mm 1560 x Ø 6 mm 462 x Ø 16 mm 189 x Ø 25 mm	FastLoad-MX (Option): 245 x Ø 3 mm 156 x Ø 6 mm 42 x Ø 16 mm RoboMate (Option): 2520 x Ø 3mm 1560 x Ø 6 mm 462 x Ø 16 mm 189 x Ø 25 mm	Tool Diam 2 Pallet 4 Pallet 3mm 840 2520 16mm 154 462 25mm 63 189	Tool Diam Small cell Large cell Pallet) (2 Pallet) (4 3mm 840 2520 16mm 154 462 25mm 63 189
Linear scales	Standard on all linear axes Standard on all rotary axes	Standard on X & Y-axes, optional on the Z-axis	Standard on X & Y-axes, optional on the Z-axis	Standard on X, Y & Z-axes	Standard on X & Y-axes, optional on the Z-axis	Standard on X, Y & Z-axes	Standard on X & Y-axes, optional on the Z-axis	Standard on X & Y-axes, optional on the Z-axis	Standard on X & Y-axes, optional on the Z-axis	Standard on X, Y & Z-axes	Standard on X, Y & Z-axes
Tool load Time	< 10 sec	n/a	AR300 loader 15 sec Fanuc loader 9 sec	Fanuc loader 9 sec	AR300 loader 15 sec Fanuc loader 9 sec	Fanuc loader 9 sec	FastLoad-MX 24 sec RoboMate 15 sec	FastLoad-MX 24 sec RoboMate 15 sec	FastLoad-MX 24 sec RoboMate 15 sec	Optional Robomate 15 sec	29 sec
MicroPlus	N/A	n/a	Option	Option	Option	Option	Option	Option	Option	Option	Option
Pop-up Steady	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option
Auto-Stick	N/A	1 Stick (option)	1 Stick (option)	1 Stick (option)	1 Stick (option)	1 Stick (option)	1 to 4 Sticks (option)	1 to 4 Sticks (option)	1 to 4 Sticks (option)	1 to 4 Sticks (option)	1 to 4 Sticks (option)
LaserUltra	Standard	n/a	Option	Option	Standard	Included	Option	Option	Included	Option	Option
Automatic wheel probe	Option	n/a	Option	Option	Option	Option	Option	Option	Option	Option	Option
iView (semi-automatic tool inspection)	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option
iBalance	Standard	Option	Option	Option	Standard	Included	Option	Option	Included	Option	Option
MTC	Standard	-	-	-	Standard	Standard	-	-	Standard	-	-
Dimensions	Width: 2346mm (93") Depth: 2493 mm (98") Height: 1920 mm (76") Weight: 4700 kg (10142 lb)	Width: 1930 mm (76") Depth: 1800 mm (70") Height: 1810 mm (71") Weight: 4500 kg (9920 lb)	Width: 1930 mm (76") Depth: 1800 mm (70") Height: 1810 mm (71") Weight: 4500 kg (9920 lb)	Width: 1930 mm (76") Depth: 1800 mm (70") Height: 1810 mm (71") Weight: 4500 kg (9920 lb)	Width: 1930 mm (76") Depth: 1800 mm (70") Height: 1810 mm (71") Weight: 4500 kg (9920 lb)	Width: 1930 mm (76") Depth: 1800 mm (70") Height: 1810 mm (71") Weight: 4500 kg (9920 lb)	Width: 2320 mm (92") Depth: 2240 mm (88") Height: 2015 mm (80") Weight: 5500 kg / 12,125 lbs	Width: 2320 mm (92") Depth: 2240 mm (88") Height: 2015 mm (80") Weight: 5500 kg / 12,125 lbs	Width: 2320 mm (92") Depth: 2240 mm (88") Height: 2015 mm (80") Weight: 5500 kg / 12,125 lbs	Width: 2561 mm (100.8") Depth: 1500 mm (59") Height: 2272 mm (89.4") *with RoboMate Width: 2643 mm (104") Depth: 2243 (88.3")	Width: 2561 mm (100.8") Depth: 3006/3486 mm

MACHINE DATA TABLE



	AutoMarkX	CPX	EDG3	EDG5	EPX-SF	GCX	TapX	TapXmicro	SBG
Grinding spindle	n/a	Roughing spindle peak power 43Kw (58 HP) Finishing Spindle Peak Power 9.7Kw (13HP)	9 kW (12 HP) peak 3.7 kW (5 HP) S1	12 kW (16 HP) peak 3.7 kW (5 HP) S1	n/a	37 kW (49 HP) peak 15 kW (25 HP) S1	37 kW (49 HP) peak 15 kW (25 HP) S1	9.5kW peak 4.2kW S1	37 kW (49 HP) peak 15 kW (25 HP) S1
Wheel packs	n/a	2 (1 x Roughing, 1 x Finishing)	2 (1 x Erosion and Grinding, 1 x Grinding)	2 (1 x Erosion and Grinding, 1 x Grinding)	n/a	2 x Ø 203 mm (8") max	2 x Ø 203 mm (8") max	2 x 203 mm (8") max 6 x 152mm (6") max (option)	2 x Ø 203 mm (8") max
Tool length (max) *flute length may vary depending on tooling (if applicable)	350mm (13-25/32")	380 mm (14.1")	275 mm (11")	275 mm (11")	250mm (9-13/16")	450mm (17.71")	Max overall tap length 230 mm	Max overall tap length 230 mm	n/a
Loader type	Included	AR300	FastLoad (option)	FastLoad (option)	Included	RoboMate (option)	RoboMate (option)	RoboMate	RoboMate (option)
Tool capacity with loader (Max)	1680 x Ø3 mm 1040 x Ø6 mm 442 x Ø12 mm 308 x Ø 16 mm 192 x Ø 20 mm 126 x Ø 25 mm 30 x Ø 32 mm	Ø20 mm (3/4") x 200 mm (8") long Ø32 mm (1 1/4") x 200 mm (8") long (option)	156 x Ø6 mm (¼") 68 x Ø12 mm (½")	156 x Ø6 mm (¼") 68 x Ø12 mm (½")	2520 x Ø 3mm 1560 x Ø 6 mm 462 x Ø 16 mm 189 x Ø 25 mm *Depends on the head size, the capacity will vary	Shank 2 4 Diam Pallet Pallet 12mm 120 360 20mm 40 120 *Depends on the head size, the capacity will vary	M3 - 630 M6 - 630 M16 - 360 M30 - 120	630 x M3 630 x M6	100 blades max
Dimensions	Width: 1242mm Depth: 1409mm Height: 2341mm	Width: 2477mm (97.5") Depth: 1659mm (65.3") Height: 2052mm (80.8")	Width: 2160mm (85") Depth: 1530mm (60") Height: 1990mm (78")	Width: 2160mm (85") Depth: 1530mm (60") Height: 1990mm (78")	Width: 2191mm (86") Depth: 2414mm (95") Height: 2150mm (84")	Width: 2561mm (100.8") Depth: 1500mm (59") Height: 2272mm (89.4") *with RoboMate Depth: 2260mm (89")	Width: 2561mm (100.8") Depth: 1500mm (59") Height: 2272mm (89.4") *with RoboMate Depth: 2260mm (89")	Width: 2246mm (88") Depth: 1856mm (73") Height: 2116mm (83") *with RoboMate Width: 2245mm (88") Depth: 2279mm (90")	Width: 2561mm (100.8") Depth: 1500mm (59") Height: 2272mm (89.4") *with RoboMate Depth: 2260mm (89")



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