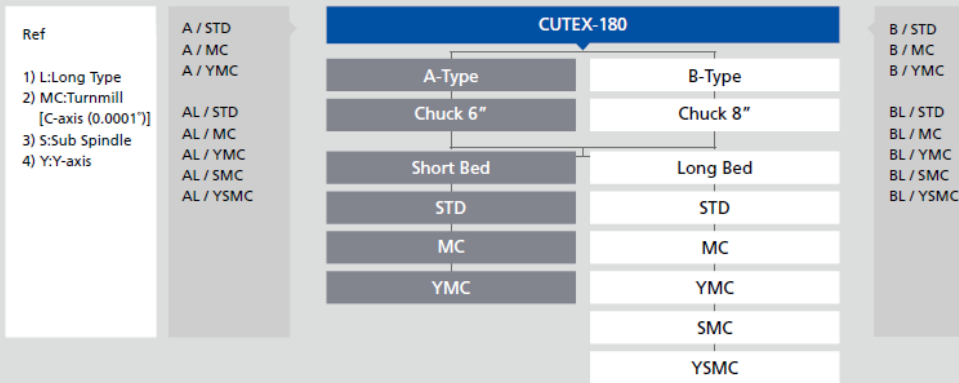


Detailed Information

Product Configuration

Each product can be configured to fit your application.



Machine Specifications

Item		CUTEX-180A(L) STD	CUTEX-180A(L) (Y)MC	CUTEX-180AL (Y)SMC	CUTEX-180B(L) STD	CUTEX-180B(L) (Y)MC	CUTEX-180BL (Y)SMC
Capacity							
Swing over Bed	mm (inch)	Ø545 (Ø21.46)	Ø545 (Ø21.46)[Y:Ø700 (Ø27.56)]		Ø545 (Ø21.46)	Ø545 (Ø21.46)[Y:Ø700 (Ø27.56)]	
Max Cutting Dia	mm (inch)	Ø350 (Ø13.78)	Ø300 (Ø11.81)		Ø350 (Ø13.78)	Ø300 (Ø11.81)	
Standard Cutting Dia	mm (inch)	Ø187.8 (Ø7.39)	Ø206 (Ø8.11)		Ø187.8 (Ø7.39)	Ø206 (Ø8.11)	
Max Cutting Length	mm (inch)	328 (12.91) L:528 (20.79)	278.5 (10.96) L:478.5 (18.84)	478.5 (18.84)	301.5 (11.87) L:501.5 (19.74)	252 (9.92) L:452 (17.8)	452 (17.8)
Chuck Size	inch	6	6 [Sub 5 (OPT:6)]		8	8 [Sub 5 (OPT:6)]	
Spindle							
Type of Spindle Nose	ASA	A2-5	A2-5 (Sub:A2-4) , (OPT: Sub A2-5)		A2-6	A2-6 (Sub:A2-4) , (OPT: Sub A2-5)	
Max Spindle Speed	rpm	6,000	6,000 [Sub 6,000 (OPT: Sub 5,000)]		4,500	4,500 [Sub 6,000 (OPT: Sub 5,000)]	
Through Spindle Hole Dia	mm (inch)	Ø62 (Ø2.44)	Ø62 (Ø2.44) [Sub:Ø43 (Ø1.69)]		Ø76 (Ø2.99)	Ø76 (Ø2.99) [Sub:Ø43 (Ø1.69)]	
Max Bar Size	mm (inch)	Ø51 (Ø2.01)	Ø51 (Ø2.01) [Sub:Ø32 (Ø1.26)]		Ø65 (Ø2.56)	Ø65 (Ø2.56) [Sub:Ø32 (Ø1.26)]	
Spindle Bearing Inner Dia	mm (inch)	Ø90 (Ø3.54)	Ø90 (Ø3.54) [Sub:Ø75 (Ø2.95)]		Ø110 (Ø4.33)	Ø110 (Ø4.33) [Sub:Ø75 (Ø2.95)]	
Spindle Motor	kW (HP)	15 / 11 (20 / 15)	15 / 11 (20 / 15) [Sub:5.5 / 3.7 (7.5 / 5)] , (OPT: Sub 7.5 / 5.5 (10 / 5))		15 / 11 (20 / 15)	15 / 11 (20 / 15) [Sub:5.5 / 3.7 (7.5 / 5)] , (OPT: Sub 7.5 / 5.5 (10 / 5))	
Turret							
Number of Tool Stations	ea	12	12 (24 Positions Index)		12	12 (24 Positions Index)	
Tool Size	mm (inch)		O.D: □25 (□1), I.D: Ø40 (Ø1.5)				
Turret Indexing Time	sec / step		0.344				
Axes							
Rapid Traverse (X / Z / Y / B)	m/min (ipm)	36 / 36 / - / - (1,417 / 1,417 / - / -)	36 / 36 / (10) / - (1,417 / 1,417 / (394) / -)	36 / 36 / (10) / 36 (1,417 / 1,417 / (394) / 1,417)	36 / 36 / - / - (1,417 / 1,417 / - / -)	36 / 36 / (10) / - (1,417 / 1,417 / (394) / -)	36 / 36 / (10) / 36 (1,417 / 1,417 / (394) / 1,417)
Max Stroke (X / Z / Y / B)	mm (inch)	205 / 380 [L:580] / - / - (8.07 / 14.96 [L:22.83] / - / -)	205 [Y:220] / 380 [L:580] / (#55) / - / - (8.07 [Y:8.66] / 14.96 [L:22.83] / (#2.17) / -)	200 / 580 / (#55) / 590 (7.87 / 22.83 / (#2.17) / 23.23)	205 / 380 [L:580] / - / - (8.07 / 14.96 [L:22.83] / - / -)	205 [Y:220] / 380 [L:580] / (#55) / - / - (8.07 [Y:8.66] / 14.96 [L:22.83] / (#2.17) / -)	200 / 580 / (#55) / 564 (7.87 / 22.83 / (#2.17) / 22.2)
Feed Motor (X / Z / Y / B)	kW (HP)	1.8 / 1.8 / - / - (2.4 / 2.4 / - / -)	3.0 / 1.8 / (3.0) / - (4.2 / 2.4 / (4) / -)	3.0 / 1.8 / (3.0) / 1.8 (4.2 / 2.4 / (4) / 2.4)	1.8 / 1.8 / - / - (2.4 / 2.4 / - / -)	3.0 / 1.8 / (3.0) / - (4.2 / 2.4 / (4) / -)	3.0 / 1.8 / (3.0) / 1.8 (4.2 / 2.4 / (4) / 2.4)
Tailstock							
Center Taper	MT	# 4	-		# 4	-	
Turnmill							
Spindle Motor	kW (HP)	-	5.5 / 3.7 (7.4 / 5)		-	5.5 / 3.7 (7.4 / 5)	
Max Spindle Speed	rpm	-	5,000		-	5,000	
Endmill / Tap Size	mm (inch)	-	Max Ø16 (Ø0.63) / M12		-	Max Ø16 (Ø0.63) / M12	
Min Index Angle	deg		0.0001				
Tank							
Lubrication	ℓ (gal)		2 (0.53)				
Hydraulic	ℓ (gal)		11 (2.91)				
Coolant	ℓ (gal)	80 (21.13) L:90 (23.78)	80(21.13)[Y:90 (23.78)] L:90(23.78)[Y:100(26.42)]	90(23.78) [Y:100 (26.42)]	80 (21.13) L:90 (23.78)	80(21.13)[Y:90 (23.78)] L:90(23.78)[Y:100(26.42)]	90(23.78) [Y:100 (26.42)]
Power Sources							
Electrical Power Supply	kVA	30	35		30	35	
Dimension							
Height	mm (inch)	1,710 (67.32)	MC : 1,710 (67.32) YMC : 1,995 (78.54)	SMC : 1,910 (75.2) YSMC : 1,995(78.54)	1,710 (67.32)	MC : 1,710 (67.32) YMC : 1,995 (78.54)	SMC : 1,910 (75.2) YSMC : 1,995(78.54)
Floor Space (L × W)	mm (inch)	2,300 [L:2,500] X 1,650 (90.55 [L:98.43] X 64.96)	2,300 [L:2,500] X 1,650 [Y:1,700] (90.55 [L:98.43] X 64.96 [Y:66.93])	2,500 X 1,650 [Y:1,700] (98.43 X 64.96 [Y:66.93])	2,300 [L:2,500] X 1,650 (90.55 [L:98.43] X 64.96)	2,300 [L:2,500] X 1,650 [Y:1,700] (90.55 [L:98.43] X 64.96 [Y:66.93])	2,500 X 1,650 [Y:1,700] (98.43 X 64.96 [Y:66.93])
Weight	kg, (lb.)	3,600(7,937) [L:4,400 (9,700)]	MC : 3,600(7,937) [L:4,400 (9,700)] YMC : 3,750 (8,267) [L:4,550 (10,031)]	SMC : 4,550 (10,031) YSMC : 4,700 (10,362)	3,600(7,937) [L:4,400 (9,700)]	MC : 3,600(7,937) [L:4,400 (9,700)] YMC : 3,750 (8,267) [L:4,550 (10,031)]	SMC : 4,550 (10,031) YSMC : 4,700 (10,362)
NC Controller				Fanuc Oi-TF Plus			