

KENT CNC

We Build The Machines...That Make Everything Else!



TOTAL SOLUTION

CNC Vertical Machining & Turning Center

SPECIFICATION SAE / METRIC	KVR-60	KVR-85	KVH-85
Spindle Speed (option)	8000 (10000)	8000 (10000)	12000 (15000)
Spindle Taper	CT-40	CT-40	CT-40
Travels X/Y/Z	23.6x20x20 in / 600x510x510 mm	33.4x21.6x21.6 in / 850x550x550 mm	33.4x21.6x21.6 in / 850x550x550 mm
Table Dimensions	29.5x22 in / 750x560 mm	43.3x23.6 in / 1100x600 mm	43.3x23.6 in / 1100x600 mm
Table Load	2206 lb / 1000 kg	2206 lb / 1000 kg	2206 lb / 1000 kg
Rapid Feed Rate(X/Y/Z)	1416/1416/1181 ipm / 36/36/30 m/min	1181 ipm / 30 m/min	1652/1652/1181 ipm / 42/42/30 m/min
Cutting Feed Rate	472 ipm / 12 m/min	472 ipm / 12 m/min	472 ipm / 12 m/min
Guide-Ways	Linear	Linear	Linear
Tool Capacity (option)	24	24 (32)	24 (32)
Control	Fanuc Oi-MD	Fanuc Oi-MD	Fanuc 18i
High Speed High Precision	AICC	AICC	AI NANO
Data Server	-	-	128 MB
Positioning (+/-)	0.0001 in / 0.003 mm	0.0001 in / 0.003 mm	0.0001 in / 0.003 mm
Spindle Motor (cont/30min)	10/15 hp / 7.5/11 Kw	10/15 hp / 7.5/11Kw (20/25 hp / 15/18.5 Kw)	10/15 hp / 7.5/11 Kw
Machine Weight	11471 lb / 5200 kg	15442 lb / 7000 kg	15442 lb / 7000 kg
Machine Dimensions (LxWxH)	79x91x103 in / 2.0x2.3x2.6 m	107x87x118 in / 2.7x2.2x3.0 m	T107x87x118 in / 2.7x2.2x3.0 m

* Specifications subject to change without prior notice

KVR-60/85





KVR-110

SPECIFICATION SAE / METRIC

KVR-110

KVH-110

Spindle Speed (option)	8000 (10000)	12000 (15000)
Spindle Taper	CT-40	CT-40
Travels X/Y/Z	43.3x21.6x21.6 in / 1100x550x550 mm	43.3x21.6x21.6 in / 1100x550x550 mm
Table Dimensions	47.2x23.6 in / 1200x600 mm	47.2x23.6 in / 1200x600 mm
Table Load	2647 lb / 1200 kg	2647 lb / 1200 kg
Rapid Feed Rate(X/Y/Z)	1181 ipm / 30 m/min	1652/1652/1181 ipm / 42/42/30 m/min
Cutting Feed Rate	472 ipm / 12 m/min	472 ipm / 12 m/min
Guide-Ways	Linear	Linear
Tool Capacity (option)	24 (32)	24 (32)
Control	Fanuc Oi-MD	Fanuc 18i
High Speed High Precision	AICC	AI NANO
Data Server	-	128 MB
Positioning (+/-)	0.0001 in / 0.003 mm	0.0001 in / 0.003 mm
Spindle Motor (cont/30min)	10/15 hp / 7.5/11 Kw (20/25 hp / 15/18.5 Kw)	10/15 hp / 7.5/11 Kw
Machine Weight	16545 lb / 7500 kg	16545 lb / 7500 kg
Machine Dimensions (LxWxH)	118x87x118 in / 3.0x2.2x3.0 m	118x87x118 in / 3.0x2.2x3.0 m

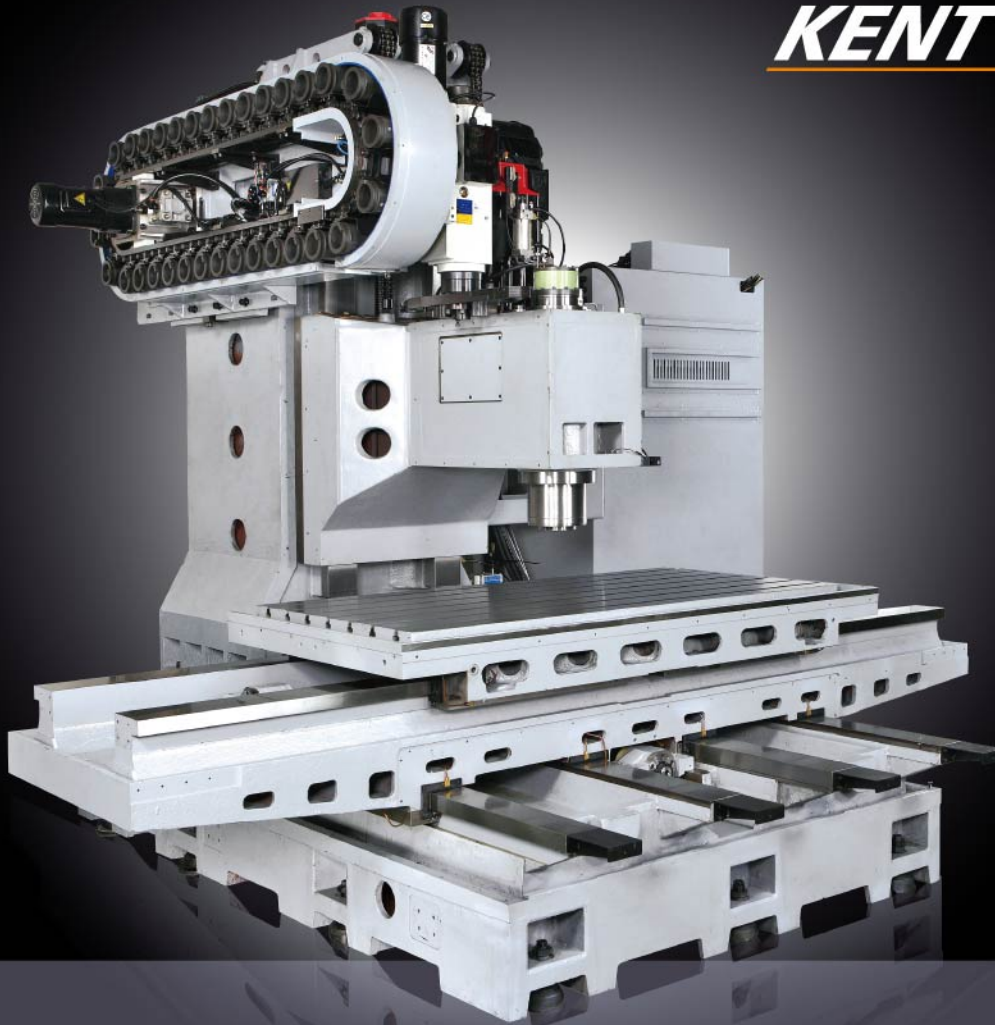
* Specifications subject to change without prior notice

SPECIFICATION SAE / METRIC	KVR-130	KVR-150
Spindle Speed (option)	8000 (10000)	8000 (10000)
Spindle Taper	CT-40	CT-40
Travels X/Y/Z	51x25.5x21.6 in / 1300x650x550 mm	59x29.5x21.6 in / 1500x750x550 mm
Table Dimensions	59x25.6 in / 1500x650 mm	63x29.5 in / 1600x750 mm
Table Load	3309 lb / 1500 kg	3309 lb / 1500 kg
Rapid Feed Rate(X/Y/Z)	1181 ipm / 30 m/min	1181 ipm / 30 m/min
Cutting Feed Rate	472 ipm / 12 m/min	472 ipm / 12 m/min
Guide-Ways	Linear	Linear
Tool Capacity (option)	24 (32)	24 (32)
Control	Fanuc Oi-MD	Fanuc Oi-MD
High Speed High Precision	AICC	AICC
Positioning (+/-)	0.0001 in / 0.003 mm	0.0001 in / 0.003 mm
Spindle Motor (cont/30min)	20/25 hp / 15/18.5 Kw	20/25 hp / 15/18.5 Kw
Machine Weight	19854 lb / 9000 kg	23163 lb / 10500 kg
Machine Dimensions (LxWxH)	130x107x118 in / 3.3x2.7x3.0 m	145x114x118 in / 3.7x2.9x3.0 m

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KVR-130/150





KVR-110/130/150/160 50 - TAPER

SPECIFICATION SAE / METRIC	KVR-110	KVR-130	KVR-150	KVR-160
Spindle Speed (option)	6000 (10000)	6000 (10000)	6000 (10000)	6000 (10000)
Spindle Taper	CT-50	CT-50	CT-50	CT-50
Travels X/Y/Z	43.3x21.6x21.6 in / 1100x550x550 mm	51x25.6x21.6 in / 1300x650x550 mm	59x29.5x21.6 in / 1500x750x550 mm	63x33.5x33.5 in / 1600x850x850 mm
Table Dimensions	47.2x23.6 in / 1200x600 mm	59x25.6 in / 1500x650 mm	63x29.5 in / 1600x750 mm	67x34.6 in / 1700x880 mm
Table Load	2647 lb / 1200 kg	3309 lb / 1500 kg	3309 lb / 1500 kg	4412 lb / 2000 kg
Rapid Feed Rate(X/Y/Z)	1181 ipm / 30 m/min	1181 ipm / 30 m/min	1181 ipm / 30 m/min	590 ipm / 15 m/min
Cutting Feed Rate	472 ipm / 12 m/min	472 ipm / 12 m/min	472 ipm / 12 m/min	472 ipm / 12 m/min
Guide-Ways	Linear	Linear	Linear	Box Way
Tool Capacity (option)	24 (32)	24 (32)	24 (32)	24 (32)
Control	Fanuc Oi-MD	Fanuc Oi-MD	Fanuc Oi-MD	Fanuc Oi-MD
High Speed High Precision	AICC	AICC	AICC	AICC
Positioning (+/-)	0.0001 in / 0.003 mm	0.0001 in / 0.003 mm	0.0001 in / 0.003 mm	0.0001 in / 0.003 mm
Spindle Motor (cont/30min)	20/25 hp / 15/18.5 kW	20/25 hp / 15/18.5 kW	20/25 hp / 15/18.5 kW	20/25 hp / 15/18.5 kW (2-Speed gear box)
Machine Weight	17648 lb / 8000 kg	20957 lb / 9500 kg	24266 lb / 11000 kg	33090 lb / 15000 kg
Machine Dimensions (LxWxH)	118x87x118 in / 3.0x2.2x3.0 m	130x106x118 in / 3.3x2.7x3.0 m	145x114x118 in / 3.7x2.9x3.0 m	173x126x126 in / 4.4x3.2x3.2 m

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SPECIFICATION SAE / METRIC	KVM-350V5	KVM-500V5
Spindle Speed (option)	12000 (15000)	12000 (15000)
Spindle Taper	CT-40	CT-40
X-Axis Travel	27.6 in / 700 mm	39.4 in / 1000 mm
Y-Axis Travel	21.7 in / 550 mm	25.6 in / 650 mm
Z-Axis Travel	18.5 in / 470 mm	18.5 in / 470 mm
A-Axis Travel	-120 / 10 deg	-120 / 10 deg
C-Axis Travel	360 deg	360 deg
Table Dimensions	13.8 in / 350 mm	19.7 in / 500 mm
Table Load	441 lb / 200 kg	1103 lb / 500 kg
Rapid Feed Rate(X/Y/Z)	1652/1652/1181 ipm / 42/42/30 m/min	1652/1652/1181 ipm / 42/42/30 m/min
Cutting Feed Rate	472 ipm / 12 m/min	472 ipm / 12 m/min
Guide-Ways	Linear	Linear
Tool Capacity (option)	24 (32/40)	24 (32/40)
Control	Fanuc 18i	Fanuc 18i
Positioning (+/-)	0.0001 in / 0.003 mm	0.0001 in / 0.003 mm
Spindle Motor (cont/30min)	10/15 hp / 7.5/11 kW	10/15 hp / 7.5/11 kW
Machine Weight	16545 lb / 7500 kg	19854 lb / 9000 kg
Machine Dimensions (LxWxH)	106x87x126 in / 2.7x2.2x3.2 m	118x87x126 in / 3.0x2.2x3.2 m

* Specifications subject to change without prior notice

KVM-350/500





KLR-15/20

New Design CNC Turning Center

SPECIFICATION SAE / METRIC

KLR-15

KLR-20

Control	Fanuc Oi-TD	Fanuc Oi-TD
Swing Over Bed	17.9 in / 455 mm	17.9 in / 455 mm
Max Turning Diameter	13 in / 330 mm	13 in / 330 mm
Max Turning Length	11.8 in / 300 mm	23.6 in / 600 mm
Spindle Nose (option)	A2-5 (A2-6)	A2-5 (A2-6)
Chuck Diameter (option)	6 in / 169 mm (8 in / 210 mm)	6 in / 169 mm (8 in / 210 mm)
Spindle Speed	6000 rpm (4500 rpm)	6000 rpm (4500 rpm)
Bar Capacity	1.73 in / 44 mm (2.04 in / 52 mm)	1.73 in / 44 mm (2.04 in / 52 mm)
Spindle Motor (cont/30min)	15/20 hp / 11/15 kW	15/20 hp / 11/15 kW
Bed Slant	0	0
Rapid Traverse Z-Axis	787 ipm / 20 m/min	787 ipm / 20 m/min
Rapid Traverse X-Axis	787 ipm / 20 m/min	787 ipm / 20 m/min
Guide-Ways	Box	Box
Z-Axis Travel	13.8 in / 350 mm	24.6 in / 625 mm
X-Axis Travel	6.9 in / 175 mm	6.9 in / 175 mm
Turret Tool Stations (option)	8 (12)	8 (12)
Tailstock Travel (body)	7.9 in / 200 mm	15.8 in / 400 mm
Quill Travel	3.1 in / 80 mm	5.9 in / 150 mm
Quill Diameter	2.8 in / 70 mm	2.8 in / 70 mm
Positioning (+/-)	0.0001 in / 0.003 mm	0.0001 in / 0.003 mm
Machine Weight	6618 lb / 3000 kg	7721 lb / 3500 kg
Machine Dimensions (LxWxH)	87x51x63 in / 2.2x1.3x1.6 m	95x51x63 in / 2.4x1.3x1.6 m

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KLR-200/200L

SPECIFICATION SAE / METRIC	KLR-200	KLR-200L
Control	Fanuc Oi-TD	Fanuc Oi-TD
Swing Over Bed	19.9 in / 505 mm	19.9 in / 505 mm
Max Turning Diameter	13.8 in / 350 mm	13.8 in / 350 mm
Max Turning Length	22.4 in / 570 mm	39.4 in / 1000 mm
Spindle Nose	A2-6	A2-6
Chuck Diameter	8 in / 210 mm	8 in / 210 mm
Spindle Speed	4500 rpm (4000 rpm)	4500 rpm (4000 rpm)
Bar Capacity (option)	2 in / 52 mm (2.56 in / 65 mm)	2 in / 52 mm (2.56 in / 65 mm)
Spindle Motor (cont/30min)	15/20 hp / 11/15 kW	15/20 hp / 11/15 kW
Bed Slant	45	45
Rapid Traverse Z-Axis	787ipm / 20 m/min	787ipm / 20 m/min
Rapid Traverse X-Axis	787ipm / 20 m/min	787ipm / 20 m/min
Guide-Ways	Box	Box
Z-Axis Travel	23.6 in / 600 mm	43.3 in / 1100 mm
X-Axis Travel	8.7 in / 220 mm	8.7 in / 220 mm
Turret Tool Stations	8(10/12)	8(10/12)
Tailstock Travel (body)	21.5 in / 545 mm	41.1 in / 1045 mm
Quill Travel	3.1 in / 80 mm	3.1 in / 80 mm
Quill Diameter	3.0 in / 75 mm	3.0 in / 75 mm
Positioning (+/-)	0.0001 in / 0.003 mm	0.0001 in / 0.003 mm
Machine Weight	8162 lb / 3700 kg	11471 lb / 5200 kg
Machine Dimensions (LxWxH)	114x63x67 in / 2.9x1.6x1.7 m	146x63x67 in / 3.7x1.6x1.7 m

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SPECIFICATION SAE / METRIC	KLM-200S	KLM-200SM
Control	Fanuc Oi-TD	Fanuc Oi-TD
Swing Over Bed	20.6 in / 522 mm	20.6 in / 522 mm
Max Turning Diameter - Main	10.2 in / 260 mm	11.3 in / 286 mm
Max Turning Diameter - Sub	10.2 in / 260 mm	11.3 in / 286 mm
Max Turning Length - Main	19.5 in / 495 mm	19.5 in / 495 mm
Max Turning Length - Sub	19.5 in / 495 mm	19.5 in / 495 mm
Spindle Nose - Main	A2-6	A2-6
Spindle Nose - Sub	A2-5	A2-5
Chuck Diameter - Main	8 in / 210 mm	8 in / 210 mm
Chuck Diameter - Sub	6 in / 169 mm	6 in / 169 mm
Spindle Speed - Main	4500 rpm	4500 rpm
Spindle Speed - Sub	6000 rpm	6000 rpm
Bar Capacity - Main (option)	2.04 in / 52 mm (2.56 in / 65 mm)	2.04 in / 52 mm (2.56 in / 65 mm)
Bar Capacity - Sub	1.73 in / 44 mm	1.73 in / 44 mm
Spindle Motor (cont/30min) Main	15/20 hp / 11/15 kW	15/20 hp / 11/15 kW
Spindle Motor (cont/30min) Sub	7.5/10 hp / 5.5/7.5 kW	7.5/10 hp / 5.5/7.5 kW
Bed Slant	45	45
Rapid Traverse Z-Axis	787ipm / 20 m/min	787ipm / 20 m/min
Rapid Traverse X-Axis	787ipm / 20 m/min	787ipm / 20 m/min
Rapid Traverse B-Axis	787ipm / 20 m/min	787ipm / 20 m/min
Guide-Ways	Box	Box
Z-Axis Travel	23.6 in / 600 mm	23.6 in / 600 mm
X-Axis Travel	8.7 in / 220 mm	8.7 in / 220 mm
B-Axis Travel	24.6 in / 625 mm	24.6 in / 625 mm
Turret Tool Stations	12	12
Live Tool Speed	6000 rpm	6000 rpm
Live Tool Motor	3 hp / 2.2 kW	3 hp / 2.2 kW
Positioning (+/-)	0.0001 in / 0.003 mm	0.0001 in / 0.003 mm
Machine Weight	8824 lb / 4000 kg	8824 lb / 4000 kg
Machine Dimensions (LxWxH)	114x63x67 in / 2.9x1.6x1.7 m	114x63x67 in / 2.9x1.6x1.7 m

KLM-200S/200SM





KLR-300/300L/300LX

SPECIFICATION SAE / METRIC	KLR-300	KLR-300L	KLR-300LX
Control	Fanuc Oi-TD	Fanuc Oi-TD	Fanuc Oi-TD
Swing Over Bed	24.1 in / 612 mm	24.1 in / 612 mm	24.1 in / 612 mm
Max Turning Diameter	19.7 in / 500 mm	19.7 in / 500 mm	19.7 in / 500 mm
Max Turning Length	27.6 in / 700 mm	47.2 in / 1200 mm	86.6 in / 2200 mm
Spindle Nose (option)	A2-8 (A2-11)	A2-8 (A2-11)	A2-8 (A2-11)
Chuck Diameter (option)	10 in / 254 mm (12 or 15 in / 304 or 381 mm)	10 in / 254 mm (12 or 15 in / 304 or 381 mm)	10 in / 254 mm (12 or 15 in / 304 or 381 mm)
Spindle Speed (option)	3500 rpm (2700 or 2500)	3500 rpm (2700 or 2500)	3500 rpm (2700 or 2500)
Bar Capacity (option)	2.95 in / 75 mm (3.5 or 4.1 in / 90 or 105 mm)	2.95 in / 75 mm (3.5 or 4.1 in / 90 or 105 mm)	2.95 in / 75 mm (3.5 or 4.1 in / 90 or 105 mm)
Spindle Motor (cont/30min)	20/25 hp / 15/18.5 kw (25/30 hp / 18.5/22 kw)	20/25 hp / 15/18.5 kw (25/30 hp / 18.5/22 kw)	20/25 hp / 15/18.5 kw (25/30 hp / 18.5/22 kw)
Bed Slant	30	30	30
Rapid Traverse Z-Axis	787ipm / 20 m/min	787ipm / 20 m/min	787ipm / 20 m/min
Rapid Traverse X-Axis	787ipm / 20 m/min	787ipm / 20 m/min	787ipm / 20 m/min
Guide-Ways	Box	Box	Box
Z-Axis Travel	29.5 in / 750 mm	49.2 in / 1250 mm	88.6 in / 2250 mm
X-Axis Travel	11.8 in / 300 mm	11.8 in / 300 mm	11.8 in / 300 mm
Turret Tool Stations	12	12	12
Tailstock Travel (body)	21.3 in / 540 mm	40.9 in / 1040 mm	80.3 in / 2040 mm
Quill Travel	4.7 in / 120 mm	4.7 in / 120 mm	4.7 in / 120 mm
Quill Diameter	3.3 in / 85 mm	3.3 in / 85 mm	3.3 in / 85 mm
Positioning (+/-)	0.0001 in / 0.003 mm	0.0001 in / 0.003 mm	0.0001 in / 0.003 mm
Machine Weight	12133 lb / 5500 kg	13236 lb / 6000 kg	19854 lb / 9000 kg
Machine Dimensions (LxWxH)	118x71x71 in / 3.0x1.8x1.8 m	142x71x71 in / 3.6x1.8x1.8 m	201x71x71 in / 5.1x1.8x1.8 m

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SPECIFICATION SAE / METRIC	KLM-300SM	KLM-300SY	KLM-300Y
Control	Fanuc Oi-TD	Fanuc 18i	Fanuc Oi-TD
Swing Over Bed	24.1 in / 612 mm	35.8 in / 910 mm	35.8 in / 910 mm
Max Turning Diameter - Main	16.5 in / 420 mm	18.5 in / 470 mm	18.5 in / 470 mm
Max Turning Diameter - Sub	14.8 in / 375 mm	14.8 in / 375 mm	N/A
Max Turning Length - Main	24.0 in / 610 mm	24.2 in / 615 mm	24.2 in / 615 mm
Max Turning Length - Sub	24.0 in / 610 mm	24.2 in / 615 mm	N/A
Spindle Nose - Main	A2-8	A2-8	A2-8
Spindle Nose - Sub	A2-5	A2-5	N/A
Chuck Diameter - Main (option)	10 in / 254 mm (12 in / 304 mm)	10 in / 254 mm (12 in / 304 mm)	10 in / 254 mm (12 in / 304 mm)
Chuck Diameter - Sub	6 in / 169 mm	6 in / 169 mm	N/A
Spindle Speed - Main (option)	3500 rpm (2700 rpm)	3500 rpm (2700 rpm)	3500 rpm (2700 rpm)
Spindle Speed - Sub	6000 rpm	6000 rpm	N/A
Bar Capacity - Main (option)	2.95 in / 75 mm (3.54 in / 90 mm)	2.95 in / 75 mm (3.54 in / 90 mm)	2.95 in / 75 mm (3.54 in / 90 mm)
Bar Capacity - Sub	1.73 in / 44 mm	1.73 in / 44 mm	N/A
Spindle Motor (cont/30min) Main	20/25 hp / 15/18.5 Kw	20/25 hp / 15/18.5 Kw	20/25 hp / 15/18.5 Kw
Spindle Motor (cont/30min) Sub	7.5/10 hp / 5.5/7.5 Kw	7.5/10 hp / 5.5/7.5 Kw	N/A
Bed Slant	60	60	60
Rapid Traverse Z-Axis	787 ipm / 20 m/min	787 ipm / 20 m/min	787 ipm / 20 m/min
Rapid Traverse X-Axis	787 ipm / 20 m/min	787 ipm / 20 m/min	787 ipm / 20 m/min
Rapid Traverse Y-Axis	394 ipm / 10 m/min	394 ipm / 10 m/min	394 ipm / 10 m/min
Rapid Traverse B-Axis	787 ipm / 20 m/min	787 ipm / 20 m/min	787 ipm / 20 m/min
Guide-Ways	Box	Box	Box
Z-Axis Travel	29.5 in / 750 mm	29.5 in / 750 mm	29.5 in / 750 mm
X-Axis Travel	11.8 in / 300 mm	10.8 in / 275 mm	10.8 in / 275 mm
Y -Axis Travel	N/A	± 1.97 in / ± 50 mm	± 1.97 in / ± 50 mm
B-Axis Travel	30.7 in / 780 mm	26.0 in / 660 mm	N/A
Turret Tool Stations	12	12	12
Live Tool Speed	3000 rpm	3000 rpm	3000 rpm
Live Tool Motor	4 hp / 3 kW	4 hp / 3 kW	4 hp / 3 kW
Positioning (+/-)	0.0001 in / 0.003 mm	0.0001 in / 0.003 mm	0.0001 in / 0.003 mm
Machine Weight	13015 lb / 5900 kg	14339 lb / 6500 kg	13236 lb / 6000 kg
Machine Dimensions (LxWxH)	118x71x71 in / 3.0x1.8x1.8 m	138x79x87 in / 3.5x2.0x2.2 m	138x79x87 in / 3.5x2.0x2.2 m

KLM-300SM/300SY/300Y



KLM Series

SPECIFICATION SAE / METRIC**KLR-400**

Control	Fanuc Oi-TD
Swing Over Bed	35.4 in / 900 mm
Max Turning Diameter	26.8 in / 680 mm
Max Turning Length (option)	43.3 in / 1100 mm (55, 82, 118, 157 in / 1400, 2100, 3000, 4000 mm)
Spindle Nose (option)	A2-11 (A2-15)
Chuck Diameter	15 in / 381 mm (18 in / 457 mm or 20 in / 508)
Spindle Speed (option)	2200 rpm (1300 rpm)
Bar Capacity (option)	4.52 in / 115 mm (4.60 in / 117mm or 6.30 in / 160 mm)
Spindle Motor (cont/30min)	40/50 hp / 30/37 Kw
Gear Box	2-Speed gearbox
Bed Slant	45
Rapid Traverse Z-Axis	944/ 944/ 629/ 433/ 236 ipm / 24/ 24/ 16/ 11/ 6 m/min
Rapid Traverse X-Axis	787 ipm / 20 m/min
Guide-Ways	Box
Z-Axis Travel (option)	47.2 ~ 161 in / 1200 ~ 4100 mm
X-Axis Travel	14.4 in / 370 mm
Turret Tool Stations	12
Quill Travel	5.9 in / 150 mm
Quill Diameter	4.3 in / 110 mm
Positioning (+/-)	0.0001 in / 0.003 mm
Machine Weight	26400 ~ 50600 lb / 12000 ~ 23000 kg
Machine Dimensions (LxWxH)	209x98 ~ 335x98 in / 5.3x2.5 ~ 8.5x2.5m

* Specifications subject to change without prior notice

KLR-400

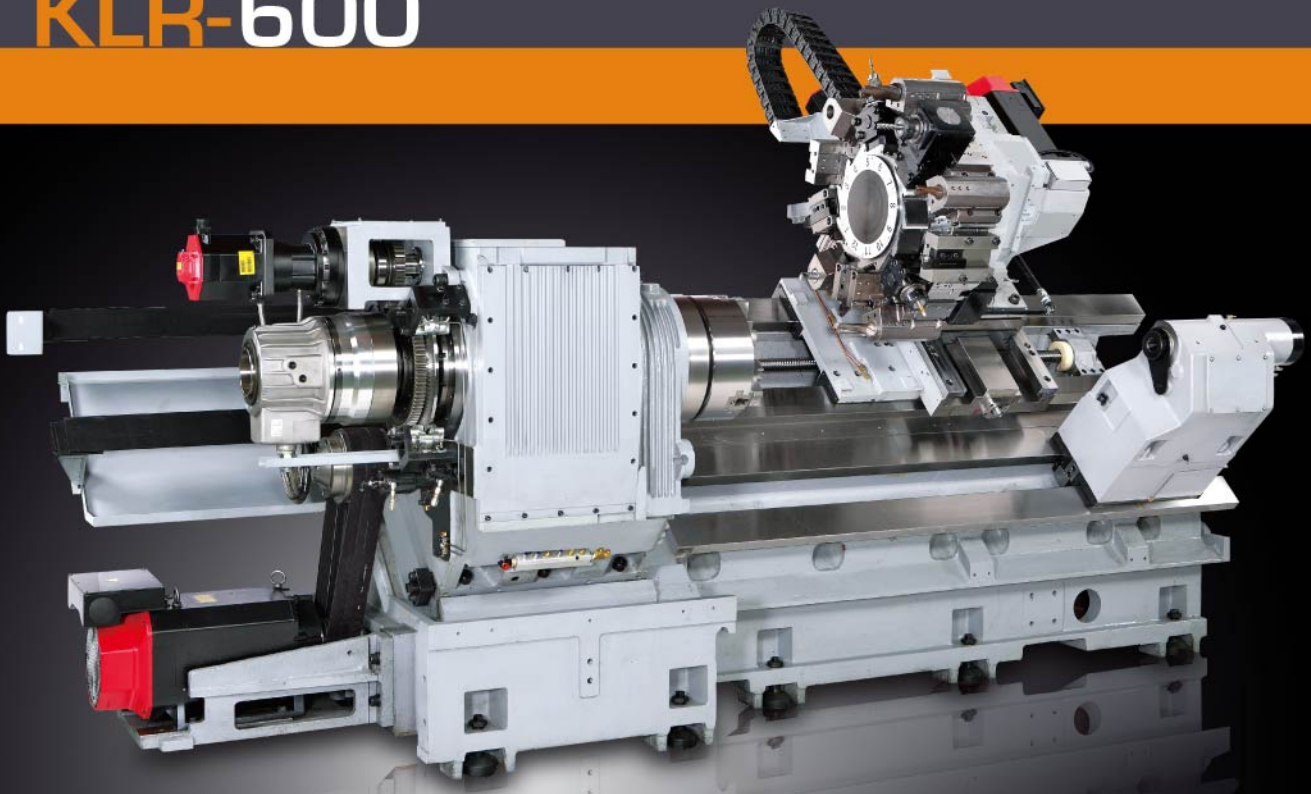


SPECIFICATION SAE / METRIC**KLR-600**

Control	Fanuc Oi-TD
Swing Over Bed	40.5 in / 1030 mm
Max Turning Diameter	35.4 in / 900 mm
Max Turning Length (option)	43.3 in / 1100 mm (55, 82, 118, 157 in / 1400, 2100, 3000, 4000 mm)
Spindle Nose (option)	A2-11 (A2-15)
Chuck Diameter (option)	15 in / 381 mm (18 in / 460 mm or 20 in / 510)
Spindle Speed (option)	2200 rpm (1300 rpm)
Bar Capacity (option)	4.52 in / 115 mm (7.08 in / 180 mm)
Spindle Motor (cont/30min)	40/50 hp / 30/37 kw
Gear Box	2-Speed gearbox
Bed Slant	45 Degree
Rapid Traverse Z-Axis	944/ 944/ 629/ 433/ 236 ipm / 24/ 24/ 16/ 11/ 6 m/min
Rapid Traverse X-Axis	787 ipm / 20 m/min
Guide-Ways	Box
Z-Axis Travel (option)	47.2 ~ 161 in / 1200 ~ 4100 mm
X-Axis Travel	18.5 in / 470 mm
Turret Tool Stations	12
Quill Travel	5.9 in / 150 mm
Quill Diameter	4.3 in / 110 mm
Positioning (+/-)	0.0001 in / 0.003 mm
Machine Weight	28600 ~ 52800 lb / 13000 ~ 24000 kg
Machine Dimensions (LxWxH)t	209x98 ~ 335x98 in / 5.3x2.5 ~ 8.5x2.5

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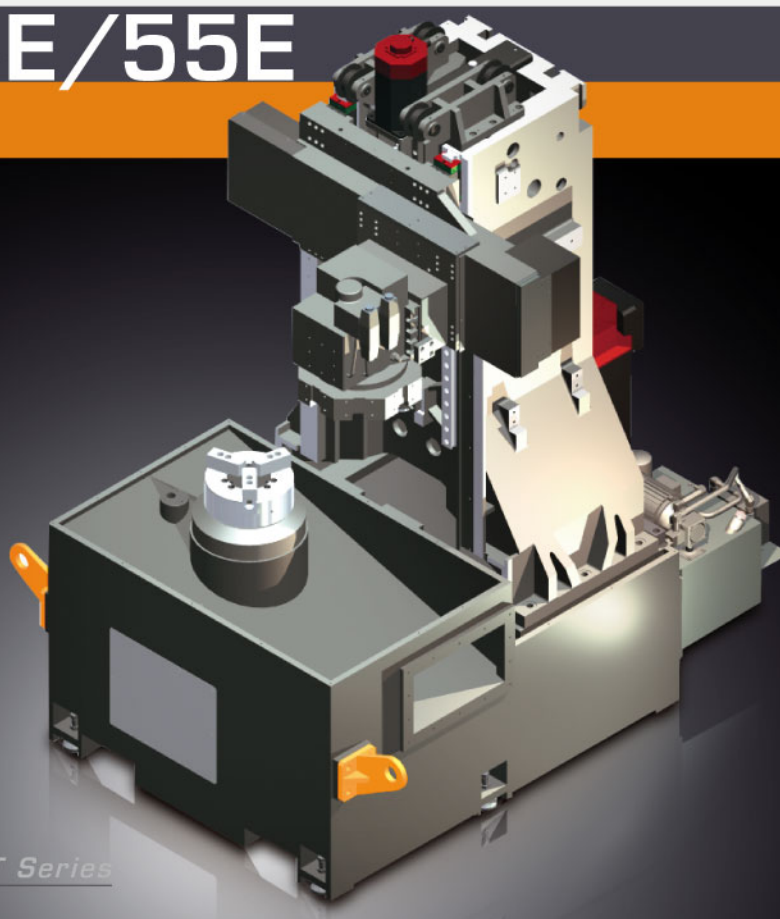
KLR-600



KL Series

SPECIFICATION SAE / METRIC	KVT-45E	KVT-55E
Control	Fanuc Oi-TD	Fanuc Oi-TD
Max Swing Diameter	23.6 in / 600 mm	29.5 in / 750 mm
Max Turning Diameter	17.7 in / 450 mm	21.6 in / 550 mm
Max Turning Length	15.7 in / 400 mm	19.7 in / 500 mm
Spindle Nose	A2-8	A2-11
Chuck Diameter (option)	12 in / 310 mm (15 in / 381 mm)	15 in / 381 mm (18 in / 458 mm)
Spindle Speed	2500 rpm	2000 rpm
Spindle Motor (cont/30min)	20/25 hp / 15/18.5 kw	20/25 hp / 15/18.5 kw
Z-Axis Motor	4 hp / 3 kw	4 hp / 3 kw
X-Axis Motor	4 hp / 3 kw	4 hp / 3 kw
Rapid Traverse Z-Axis	944 ipm / 24 m/min	944 ipm / 24 m/min
Rapid Traverse X-Axis	787 ipm / 20 m/min	787 ipm / 20 m/min
Guide-Ways	Linear	Linear
Z-Axis Travel	17.7 in / 450 mm	21.6 in / 550 mm
X-Axis Travel	-0.787~+9.05 in / -20~+230 mm	-0.787~+10.82 in / -20~+275 mm
Turret Tool Stations	12	12
Square Shank Tool Size	0.984 in / 25 mm	0.984 in / 25 mm
Round Shank Tool Size	1.57 in / 40 mm	1.57 in / 40 mm
Positioning (+/-)	0.0001 in / 0.003 mm	0.0001 in / 0.003 mm
Machine Weight	11030 lb / 5000 kg	12133 lb / 5500 kg
Machine Dimensions (LxWxH)	69x118x102 in / 1.75x3.0x2.6 m	69x118x102 in / 1.75x3.0x2.6 m

KVT-45E/55E



SPECIFICATION SAE / METRIC	KVT-75E	KVT-75ATC	KVT-75ATCC
Control	Fanuc Oi-TD	Fanuc Oi-TD	Fanuc Oi-TD
Max Swing Diameter	33.5 in / 850 mm	33.5 in / 850 mm	33.5 in / 850 mm
Max Turning Diameter	29.5 in / 750 mm	29.5 in / 750 mm	29.5 in / 750 mm
Max Turning Length	23.6 in / 600 mm	23.6 in / 600 mm	23.6 in / 600 mm
Spindle Nose	A2-11	A2-11	A2-11
Chuck Diameter (option)	24 in / 610 mm (32 in / 813 mm)	24 in / 610 mm (32 in / 813 mm)	24 in / 610 mm (32 in / 813 mm)
Spindle Speed	1500 rpm	1500 rpm	1500 rpm
Spindle Motor (cont/30min)	25/30 hp / 18.5/22 kw	25/30 hp / 18.5/22 kw	25/30 hp / 18.5/22 kw
Z-Axis Motor	5.4 hp / 4 kw	5.4 hp / 4 kw	5.4 hp / 4 kw
X-Axis Motor	4 hp / 3 kw	4 hp / 3 kw	4 hp / 3 kw
Rapid Traverse Z-Axis	944 ipm / 24 m/min	944 ipm / 24 m/min	944 ipm / 24 m/min
Rapid Traverse X-Axis	787 ipm / 20 m/min	787 ipm / 20 m/min	787 ipm / 20 m/min
Guide-Ways	Linear	Linear	Linear
Z-Axis Travel	31.5 in / 800 mm	31.5 in / 800 mm	31.5 in / 800 mm
X-Axis Travel	-1.968~+19.09 in / -50~+485 mm	-2.756~+19.29 in / -70~+490 mm	-2.756~+19.29 in / -70~+490 mm
Turret Tool Stations	12	12	12
Square Shank Tool Size	1.260 in / 32 mm	1.260 in / 32 mm BT-50	1.260 in / 32 mm BT-50
Round Shank Tool Size	1.96 in / 50 mm	N/A	N/A
Positioning (+/-)	0.0001 in / 0.003 mm	0.0001 in / 0.003 mm	0.0001 in / 0.003 mm
Machine Weight	29781 lb / 13500 kg	30884 lb / 14000 kg	31987 lb / 14500 kg
Machine Dimensions (LxWxH)t	95x134x158 in / 2.4x3.4x4.0 m	95x134x158 in / 2.4x3.4x4.0 m	95x134x158 in / 2.4x3.4x4.0 m

KVT-75E/75ATC/75ATCC



KVT Series

KENT CNC

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