

HANDEMO CNC

Product Catalog

Vertical and horizontal machining centers, CNC slant bed lathes, mill-turn machines and 5-axis machining centers.

Machines in this catalog	49
Product families	5
Specification source	Current product data sheets

Every specification in this catalog is taken from the current product data sheet for the model shown. Where a value is configuration dependent, the product page is the reference.

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- Vertical Machining Centers (13 models)
- Horizontal Machining Centers (12 models)
- CNC Slant Bed Lathes (9 models)
- Mill-Turn & Multi-Axis Turning (11 models)
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Vertical Machining Centers

VMC1890 Vertical Machining Center

Specifications	VMC1890
Table size (mm)	2000x900
Max. worktable load(kg)	1600
X-axis travel(mm)	1800
Y-axis travel(mm)	900
Z-axis travel(mm)	600
X-axis Fast shift speed(m/min)	20
Y-axis Fast shift speed(m/min)	20
Z-axis Fast shift speed(m/min)	15
Spindle taper hole	BT50-190
Spindle speed (rpm)	6000
Machine size (mm)	5000L*3000W*2900H
Machine weight (KG)	14000
handemocnc.com/vertical-machining-centers/high-precision-heavy-duty/1890-vertical-machining-centers.html	

VMC1690 Vertical Machining Center

Specifications	VMC1690
Table size (mm)	1600x800
Max. worktable load(kg)	1500
X-axis travel(mm)	1600
Y-axis travel(mm)	900
Z-axis travel(mm)	700
X-axis Fast shift speed(m/min)	20
Y-axis Fast shift speed(m/min)	20
Z-axis Fast shift speed(m/min)	14
Spindle taper hole	BT50-190
Spindle speed (rpm)	6000
Machine size (mm)	4500L*3600W*2800H
Machine weight (KG)	12000
handemocnc.com/vertical-machining-centers/high-precision-heavy-duty/1690-vertical-machining-centers.html	

VMC1560 Vertical Machining Center

Specifications	VMC1560
Table size (mm)	2200x600
Max. worktable load(kg)	1500
T-slot (number*width*distance)	5-18-100
X-axis travel(mm)	1500
Y-axis travel(mm)	650
Z-axis travel(mm)	650
X-axis Fast shift speed(m/min)	24
Y-axis Fast shift speed(m/min)	24
Z-axis Fast shift speed(m/min)	18
Spindle taper hole	BT40-150

handemocnc.com/vertical-machining-centers/high-precision-heavy-duty/1560-vertical-machining-centers.html

VMC1370 Vertical Machining Center

Specifications	VMC1370
Table size (mm)	1400x700
Max. worktable load(kg)	800
T-slot (number*width*distance)	5-18-130
X-axis travel(mm)	1300
Y-axis travel(mm)	700
Z-axis travel(mm)	750
X-axis Fast shift speed(m/min)	24
Y-axis Fast shift speed(m/min)	24
Z-axis Fast shift speed(m/min)	18
Spindle taper hole	BT40-150
Spindle speed (rpm)	8000
Machine size (mm)	3550L*2730W*2620H
Machine weight (KG)	9000

handemocnc.com/vertical-machining-centers/high-precision-heavy-duty/1370-vertical-machining-centers.html

VMC1160 Vertical Machining Center

Specifications	VMC1160
Table size (mm)	1200x600
Max. worktable load(kg)	800
X-axis travel(mm)	1100
Y-axis travel(mm)	600
Z-axis travel(mm)	600
X-axis Fast shift speed(m/min)	24
Y-axis Fast shift speed(m/min)	24
Z-axis Fast shift speed(m/min)	18
Spindle taper hole	BT40D150
Spindle speed (rpm)	8000
Machine size (mm)	3100L*2500W*2800H
Machine weight (KG)	6500

handemocnc.com/vertical-machining-centers/global-standard-models/1160-vertical-machining-centers.html

VMC855 Vertical Machining Center

Specifications	VMC855
Table size (mm)	1000x550
Max. worktable load(kg)	600
X-axis travel(mm)	800
Z-axis travel(mm)	550
X-axis Fast shift speed(m/min)	32
Y-axis Fast shift speed(m/min)	32
Z-axis Fast shift speed(m/min)	24
Spindle taper hole	BT40D150
Spindle speed (rpm)	8000
Machine size (mm)	2600L*2380W*2400H
Machine weight (KG)	5300

handemocnc.com/vertical-machining-centers/global-standard-models/855-vertical-machining-centers.html

VMC650 Vertical Machining Center

Specifications	VMC650
Table size (mm)	1000x400
Max. worktable load(kg)	400
X-axis travel(mm)	650
Y-axis travel(mm)	400
Z-axis travel(mm)	550
X-axis Fast shift speed(m/min)	32
Y-axis Fast shift speed(m/min)	32
Z-axis Fast shift speed(m/min)	24
Spindle taper hole	BT40D120
Spindle speed (rpm)	8000
Machine size (mm)	2400L*2100W*2300H
Machine weight (KG)	3800

handemocnc.com/vertical-machining-centers/global-standard-models/650-vertical-machining-centers.html

VMC1265 Vertical Machining Center

Specifications	VMC1265
Table size (mm)	1200x600
Max. worktable load(kg)	800
T-slot (number*width*distance)	5-18-100
X-axis travel(mm)	1200
Y-axis travel(mm)	650
Z-axis travel(mm)	650
X-axis Fast shift speed(m/min)	24
Y-axis Fast shift speed(m/min)	24
Z-axis Fast shift speed(m/min)	18
Spindle taper hole	BT40D150
Machine size (mm)	3300L*2600W*3360H
Machine weight (KG)	6800

handemocnc.com/vertical-machining-centers/high-precision-heavy-duty/1265-vertical-machining-centers.html

VMC866 Vertical Machining Center

Specifications	VMC866
Table size (mm)	1000x550
Max. worktable load (kg)	600
X-axis travel (mm)	850
Y-axis travel (mm)	600
Z-axis travel (mm)	600
X-axis fast shift speed (m/min)	32
Y-axis fast shift speed (m/min)	32
Z-axis fast shift speed (m/min)	24
Spindle taper hole	BT40 D150
Spindle speed (rpm)	8000
Machine size (mm)	2600L*2380W*2400H
Machine weight (kg)	5300
handemocnc.com/vertical-machining-centers/high-speed-precision-mold-and-die/855d-vertical-machining-centers-6-1.html	

VMC1370D Vertical Machining Center

Specifications	VMC1370D
Table size (mm)	1400x700
Max. worktable load(kg)	800
T-slot (number*width*distance)	5-18-130
X-axis travel(mm)	1300
Y-axis travel(mm)	700
Z-axis travel(mm)	750
X-axis Fast shift speed(m/min)	24
Y-axis Fast shift speed(m/min)	24
Z-axis Fast shift speed(m/min)	18
Spindle taper hole	BT40-150
Spindle speed (rpm)	8000
Machine size (mm)	3550L*2730W*2620H
Machine weight (KG)	9000
handemocnc.com/vertical-machining-centers/high-speed-precision-mold-and-die/1370d-vertical-machining-centers.html	

VMC1265D Vertical Machining Center

Specifications	VMC1265D
Table size (mm)	1200x600
Max. worktable load(kg)	800
T-slot (number*width*distance)	5-18-100
X-axis travel(mm)	1200
Y-axis travel(mm)	650
Z-axis travel(mm)	650
X-axis Fast shift speed(m/min)	24
Y-axis Fast shift speed(m/min)	24
Z-axis Fast shift speed(m/min)	18
Spindle taper hole	BT40D150
Machine size (mm)	3300L*2600W*3360H
Machine weight (KG)	6800
handemocnc.com/vertical-machining-centers/high-speed-precision-mold-and-die/1265d-vertical-machining-centers.html	

L1265 Vertical Machining Center

Specifications	VMC L1265
Table size (mm)	1200x600
Max. worktable load(kg)	800
T-slot (number*width*distance)	5-18-100
X-axis travel(mm)	1200
Y-axis travel(mm)	650
Z-axis travel(mm)	650
X-axis Fast shift speed(m/min)	24
Y-axis Fast shift speed(m/min)	24
Z-axis Fast shift speed(m/min)	18
Spindle taper hole	BT40D150
Machine size (mm)	3300L*2600W*3360H
Machine weight (KG)	6800

handemocnc.com/vertical-machining-centers/z-rail-high-efficiency-heavy-duty-center/l1265-vertical-machining-centers.html

L1690 Vertical Machining Center

Specifications	VMCL1690
Table size (mm)	1600x800
Max. worktable load(kg)	1500
X-axis travel(mm)	1600
Y-axis travel(mm)	900
Z-axis travel(mm)	700
X-axis Fast shift speed(m/min)	20
Y-axis Fast shift speed(m/min)	20
Z-axis Fast shift speed(m/min)	16
Spindle taper hole	BT50-190
Spindle range (r/min)	6000
Repeatability (X/Y/Z)	-

handemocnc.com/vertical-machining-centers/z-rail-high-efficiency-heavy-duty-center/l-1690-vertical-machining-center.html

Horizontal Machining Centers

HMC800-DT Horizontal Machining Center

Specifications	HMC800
Table size (mm)	800x800
Max. worktable load(kg)	2500
T-slot (number*width*distance)	7-22-100
X-axis travel(mm)	1300
Y-axis travel(mm)	1150
Z-axis travel(mm)	1000
X-axis Fast shift speed(m/min)	12
Y-axis Fast shift speed(m/min)	12
Z-axis Fast shift speed(m/min)	12
Spindle taper hole	BT50-200
Spindle speed (rpm)	6000
Machine weight (KG)	16000

handemocnc.com/horizontal-machining-centers/high-speed-efficient-t-type/800-dt-horizontal-machining-centers.html

HMC1000 Horizontal Machining Center

Specifications	HMC1000
Table size (mm)	1000x1000
Max. worktable load(kg)	3500
T-slot (number*width*distance)	7-22-125
X-axis travel(mm)	1300
Y-axis travel(mm)	1100
Z-axis travel(mm)	1200
X-axis Fast shift speed(m/min)	15
Y-axis Fast shift speed(m/min)	12
Z-axis Fast shift speed(m/min)	15
Spindle taper hole	BT50D190
Spindle speed (rpm)	6000
Machine weight (KG)	18000
handemocnc.com/horizontal-machining-centers/high-speed-efficient-t-type/1000-horizontal-machining-centers.html	

HMC630-DT Horizontal Machining Center

Specifications	HMC630
Table size (mm)	630x630
Max. worktable load(kg)	1200
X-axis travel(mm)	1100
Y-axis travel(mm)	900
Z-axis travel(mm)	1000
X-axis Fast shift speed(m/min)	18
Y-axis Fast shift speed(m/min)	15
Z-axis Fast shift speed(m/min)	15
Spindle taper hole	BT50D190
Spindle speed (rpm)	6000
Machine weight (KG)	12000
handemocnc.com/horizontal-machining-centers/high-speed-efficient-t-type/630-dt-horizontal-machining-centers.html	

HMC1000S-DT Horizontal Machining Center

Specifications	HMC1000S-DT
Table size (mm)	1000x1000
Max. worktable load(kg)	4000
T-slot (number*width*distance)	5-22-160
X-axis travel(mm)	1800
Y-axis travel(mm)	1000
Z-axis travel(mm)	1300
X-axis Fast shift speed(m/min)	14
Y-axis Fast shift speed(m/min)	12
Z-axis Fast shift speed(m/min)	14
Spindle taper hole	BT50-45°
Machine size (mm)	4380L*3910W*4700H
Machine weight (KG)	16000
handemocnc.com/horizontal-machining-centers/deep-hole-t-shaped-structure/1000s-dt-horizontal-machining-centers.html	

TH500 Horizontal Machining Center

Specifications	TH500
Table size (mm)	1200x600
Max. worktable load(kg)	800
T-slot (number*width*distance)	5-18-100
X-axis travel(mm)	1100
Y-axis travel(mm)	750
Z-axis travel(mm)	650
X-axis Fast shift speed(m/min)	24
Y-axis Fast shift speed(m/min)	18
Z-axis Fast shift speed(m/min)	24
Spindle taper hole	BT40D150
Machine size (mm)	3400L*2750W*2900H
Machine weight (KG)	7200

handemocnc.com/horizontal-machining-centers/compact-boring-and-milling-machine/th500-horizontal-machining-centers.html

HMC800S-DT Horizontal Machining Center

Specifications	HMC800S-DT
Table size (mm)	800x800
Max. worktable load(kg)	2000
T-slot (number*width*distance)	7-22-100
X-axis travel(mm)	1300
Y-axis travel(mm)	1000
Z-axis travel(mm)	1000
X-axis Fast shift speed(m/min)	15
Y-axis Fast shift speed(m/min)	12
Z-axis Fast shift speed(m/min)	12
Spindle taper hole	BT50-45°
Machine size (mm)	6800L*3400W*4500H
Machine weight (KG)	15500

handemocnc.com/horizontal-machining-centers/deep-hole-t-shaped-structure/800s-dt-horizontal-machining-centers.html

TH1000 Horizontal Machining Center

Specifications	TH1000
Table size (mm)	1000x1000
Max. worktable load(kg)	3500
T-slot (number*width*distance)	7-22-125
X-axis travel(mm)	1300
Y-axis travel(mm)	1100
Z-axis travel(mm)	1200
X-axis Fast shift speed(m/min)	15
Y-axis Fast shift speed(m/min)	12
Z-axis Fast shift speed(m/min)	15
Spindle taper hole	BT50D190
Spindle speed (rpm)	6000
Machine weight (KG)	18000

handemocnc.com/horizontal-machining-centers/compact-boring-and-milling-machine/th1000-horizontal-machining-centers.html

TH1000S Horizontal Machining Centers

Specifications	TH1000S
Table size (mm)	1000x1000
Max. worktable load(kg)	4000
T-slot (number*width*distance)	7-22-125
X-axis travel(mm)	1800
Y-axis travel(mm)	1000
Z-axis travel(mm)	1300
X-axis Fast shift speed(m/min)	14
Y-axis Fast shift speed(m/min)	12
Z-axis Fast shift speed(m/min)	14
Spindle taper hole	BT50-45°
Spindle speed (rpm)	3000
Machine weight (KG)	16000
handemocnc.com/horizontal-machining-centers/deep-hole-boring-and-milling/th1000s-horizontal-machining-centers.html	

TH1400S Horizontal Machining Centers

Specifications	HMC1400S
Table size (mm)	1400x1400
Max. load capacity(kg)	5000
T-slot (number*width*distance)	7-22-125
X-axis travel(mm)	1800
Y-axis travel(mm)	1300
Z-axis travel(mm)	1500
X-axis Fast shift speed(m/min)	14
Y-axis Fast shift speed(m/min)	12
Z-axis Fast shift speed(m/min)	14
Spindle taper hole	BT50-45°
Spindle Speed range (r/min)	2000
Machine weight (KG)	19500
handemocnc.com/horizontal-machining-centers/deep-hole-boring-and-milling/th1400s-horizontal-machining-centers.html	

TH1600S Horizontal Machining Centers

Specifications	HMC1600S
Table size (mm)	1600x1600
Max. load capacity(kg)	10000
T-slot (number*width*distance)	7-28-220
X-axis travel(mm)	2000
Y-axis travel(mm)	1500
Z-axis travel(mm)	1800
X-axis Fast shift speed(m/min)	12
Y-axis Fast shift speed(m/min)	12
Z-axis Fast shift speed(m/min)	12
Spindle taper hole	BT50-45°
Spindle Speed range (r/min)	1500
Machine weight (KG)	24000
handemocnc.com/horizontal-machining-centers/deep-hole-boring-and-milling/th1600s-horizontal-machining-centers.html	

HMC630II-ZT Horizontal Machining Center

Specifications	HMC630II-ZT
Table size (mm)	630x630
Max. worktable load(kg)	1200
X-axis travel(mm)	1100
Y-axis travel(mm)	900
Z-axis travel(mm)	1000
X-axis Fast shift speed(m/min)	18
Y-axis Fast shift speed(m/min)	15
Z-axis Fast shift speed(m/min)	15
Spindle taper hole	BT50D190
Spindle speed (rpm)	6000
Machine weight (KG)	12000

handemocnc.com/horizontal-machining-centers/multi-station-horizontal-machining-center/hmc630ii-zt-horizontal-machining-centers.html

HTMC630-VI Horizontal Machining Centers

Specifications	HTMC630-VI
Table size (mm)	630x630
Max. load capacity(kg)	500
X-axis travel(mm)	1050
Y-axis travel(mm)	800
Z-axis travel(mm)	850
X-axis Fast shift speed(m/min)	18
Y-axis Fast shift speed(m/min)	15
Z-axis Fast shift speed(m/min)	15
Spindle taper hole	BT50D190
Spindle speed (rpm)	6000

handemocnc.com/horizontal-machining-centers/multi-station-horizontal-machining-center/htmc630-vi-horizontal-machining-centers.html

CNC Slant Bed Lathes

TCK80B-1500 Heavy-Duty Industrial Model

Specifications	TCK80-1500
Max. turning diameter on bed(mm)	1000
Max. cutting length(mm)	1500
Max. cutting diameter(mm)	800
Max. turning diameter on the skateboard(mm)	550
Spindle nose type	A2-11
Main shaft hole diameter(mm)	120
Max. over bar diameter(mm)	105
Spindle speed range■r/min■	1600
Spindle motor power■KW■	22
Chuck type■inch■	12
X-axis Fast shift speed(m/min)	8
Z-axis Fast shift speed(m/min)	8
X-axis travel(mm)	450
Z-axis travel(mm)	1600
Tail seat travel(mm)	1500
Tail seat sleeve travel(mm)	100
Standard knife holder form	Horizontal 12 station servo turret
Machine size (mm)	5373L*2768W*2568H
Machine weight (KG)	12000
handemocnc.com/cnc-slant-bed-lathe/heavy-duty-industrial-model/tck80b-1500-heavy-duty-industrial-model.html	

TCK70 General-Purpose High-Efficiency Model

Specifications	TCK70-1500
Max. swing over bed(mm)	720
Max. turning length(mm)	1500
Max. turning diameter(mm)	500
Max. swing over cross slide(mm)	420
Spindle nose type / code	A2-8/A2-11
Spindle bore diameter(mm)	80
Max. bar capacity(mm)	70
Spindle motor output power■KW■	18.5
Rapid traverse – X■axis■m/min■	12
Rapid traverse – Z-axis■m/min■	16
Travel – X■axis(mm)	250
Travel – Z■axis(mm)	1520
Tailstock travel(mm)	1400
Tailstock quill diameter(mm)	110
Tailstock quill stroke(mm)	100
Approx. gross weight(mm)	8500
handemocnc.com/cnc-slant-bed-lathe/general-purpose-high-efficiency-model/tck70-general-purpose-high-efficiency-model.html	

TCK6350B Heavy-Duty Industrial Model

Specifications	TCK6350B
Max. turning diameter on bed(mm)	630
Max. cutting length(mm)	500
Max. cutting diameter(mm)	480
Max. turning diameter on the skateboard(mm)	370
Spindle nose type	A2-8
Main shaft hole diameter(mm)	96
Max. over bar diameter(mm)	85
Spindle speed range■r/min■	4500
Spindle motor power■KW■	18.5
Chuck type■inch■	10 or 12
X-axis Fast shift speed(m/min)	15
Z-axis Fast shift speed(m/min)	15
X-axis travel(mm)	270
Z-axis travel(mm)	690
Tail seat travel(mm)	500
Tail seat sleeve travel(mm)	100
Standard knife holder form	Horizontal 12 station servo turret
Machine size (mm)	3300L*1750W*1890H
Machine weight (KG)	4300
handemocnc.com/cnc-slant-bed-lathe/heavy-duty-industrial-model/tck6350b-heavy-duty-industrial-model.html	

TCK50 CNC Slant Bed Lathe

Specifications	TCK50
Max. turning diameter on bed(mm)	500
Max. cutting length(mm)	500
Max. cutting diameter(mm)	360
Standard cutting diameter(mm)	240
Max. turning diameter on the skateboard(mm)	300
Spindle nose type	A2-6
Main shaft hole diameter(mm)	65
Max. over bar diameter(mm)	50
Spindle speed range■r/min■	4500
Spindle motor power■KW■	15
Chuck type■inch■	8
X-axis Fast shift speed(m/min)	30
Z-axis Fast shift speed(m/min)	30
X-axis travel(mm)	200
Z-axis travel(mm)	550
Tailseat travel(mm)	450
Tailstock sleeve stroke(mm)	100
Tailstock sleeve cone hole taper (Mohs)	5#
Standard knife holder form	Horizontal 8 station
Machine size (mm)	2300L*1700W*1930H
Machine weight (KG)	3600
handemocnc.com/cnc-slant-bed-lathe/general-purpose-high-efficiency-model/tck50-cnc-slant-bed-lathe.html	

TCK6050 CNC Slant Bed Lathe

Specifications	TCK6050-500
Max. swing over bed(mm)	560
Max. turning length(mm)	550
Max. turning diameter(mm)	500
Max. swing over cross slide(mm)	320
Standard turning diameter(mm)	280
Spindle nose type / code	A2-6
Spindle bore diameter(mm)	65
Max. bar capacity(mm)	50
Spindle motor output power(kW)	11/15
X-axis rapid traverse(m/min)	15
Z-axis rapid traverse(m/min)	15
X-axis travel(mm)	260
Z-axis travel(mm)	630
Tailstock travel(mm)	450
Tailstock quill stroke(mm)	100
Approx. gross weight(KG)	3800
Machine dimensions(mm)	3238Lx 1925Wx 1966.5H
handemocnc.com/cnc-slant-bed-lathe/general-purpose-high-efficiency-model/tck6050-cnc-slant-bed-lathe.html	

TCK6050D High-End Precision Model

Specifications	TCK6050D-500
Max. swing over bed■(mm)	560
Max. turning length■(mm)	500
Max. turning diameter■(mm)	410
Max. swing over cross slide■(mm)	320
Standard turning diameter■(mm)	280
Spindle nose type / code	A2-6
Spindle bore diameter■(mm)	65
Max. bar capacity■(mm)	50
Spindle motor output power■(kW)	11/15
X-axis rapid traverse■(m/min)	15
Z-axis rapid traverse■(m/min)	15
X-axis travel■(mm)	280
Z-axis travel■(mm)	630
Tailstock travel■(mm)	450
Tailstock quill stroke■(mm)	100
Machine dimensions■(mm)	4000
Approx. gross weight■(KG)	3508Lx 1924Wx 1966.5H
handemocnc.com/cnc-slant-bed-lathe/high-end-precision-model/tck6050d-high-end-precision-model.html	

TCK70D CNC Slant Bed Lathe

Specifications	TCK70D-2000
Max. swing over bed(mm)	720
Max. turning length(mm)	1950
Max. turning diameter(mm)	550
Standard turning diameter(mm)	380
Max. swing over cross slide	400
Spindle nose type / code	A2-11
Spindle bore diameter	120
X-axis rapid traverse(m/min)	10
Z-axis rapid traverse(m/min)	10
X-axis travel(mm)	300
Z-axis travel(mm)	1950
Tailstock travel(mm)	110
Tailstock quill stroke(mm)	100
Approx. gross weight(KG)	10000
Machine dimensions(mm)	4756Lx 2240Wx 2238H
handemocnc.com/cnc-slant-bed-lathe/high-end-precision-model/tck70d-cnc-slant-bed-lathe.html	

TCK80D-1500 CNC Slant Bed Lathe

Specifications	TCK80D-1500
Max. swing over bed(mm)	850
Max. turning length(mm)	1450
Max. turning diameter(mm)	700
Max. swing over cross slide(mm)	560
Standard turning diameter(mm)	550
Spindle nose type / code	A2-11
Spindle bore diameter(mm)	120
Max. bar capacity(mm)	90
Spindle motor output power(kW)	18.5/22
X-axis rapid traverse(m/min)	10
Z-axis rapid traverse(m/min)	10
X-axis travel(mm)	410
Z-axis travel(mm)	1500
Tailstock travel(mm)	110
Tailstock quill stroke(mm)	100
Approx. gross weight(KG)	9000
handemocnc.com/cnc-slant-bed-lathe/high-end-precision-model/tck80d-1500-cnc-slant-bed-lathe.html	

TCK6350D CNC Slant Bed Lathe

Specifications	TCK6350D
Max. turning diameter on bed(mm)	630
Max. cutting length(mm)	450
Max. cutting diameter(mm)	330
Max. turning diameter on the skateboard(mm)	300
Spindle nose type	A2-8
Main shaft hole diameter(mm)	96
Max. over bar diameter(mm)	85
Spindle motor power■KW■	22
X-axis Fast shift speed(m/min)	18
Z-axis Fast shift speed(m/min)	15
X-axis travel(mm)	230
Z-axis travel(mm)	470
Tail seat travel(mm)	500
Tail seat sleeve travel(mm)	100
Approx. gross weight■KG	4400

handemocnc.com/cnc-slant-bed-lathe/high-end-precision-model/tck6350d-cnc-slant-bed-lathe.html

Mill-Turn & Multi-Axis Turning

70Y CNC Mill-Turn Machines

Specifications	TCK70Y-1000
Max. turning diameter on bed(mm)	720
Max. cutting length(mm)	1000
Max. cutting diameter(mm)	480
Spindle nose type	A2-8
Main shaft hole diameter(mm)	85
Spindle speed range■r/min■	3000
Spindle motor power■KW■	37
X/Y/Z-axis fast movement speed(mm)	12/12/16
X-axis travel(mm)	300
Z-axis travel(mm)	1020
Y-axis travel(mm)	±75
Standard knife holder form	12 station power knife tower
Machine size (mm)	3950L*2160W*2485H
Machine weight (KG)	8000

handemocnc.com/cnc-mill-turn-machines/power-turret-y-axis-turning-and-milling-center/70y-cnc-mill-turn-machines.html

2100LY CNC Mill-Turn Machine

Specifications	TCK2100LY
Max. turning diameter on bed(mm)	650
Max. cutting length(mm)	500
Max. cutting diameter(mm)	350
Spindle nose type	A2-6
Main shaft hole diameter(mm)	65
Spindle speed range■r/min■	4500/5000
Spindle motor power■KW■	30/11
X-axis travel(mm)	280
Z-axis travel(mm)	550
Y-axis travel(mm)	±50
Knife holder form	12 station power knife tower
Machine size (mm)	3293L*1951W*2329H
Machine weight (KG)	4000
handemocnc.com/cnc-mill-turn-machines/y-axis-turning-and-milling-combination/2100ly-cnc-mill-turn-machine.html	

3100SY CNC Mill-Turn Machine

Specifications	TCK3100SY
Max. turning diameter on bed(mm)	750
Max. cutting length(mm)	1000
Max. cutting diameter(mm)	500
Spindle nose type	A2-8(6)
Main shaft hole diameter(mm)	85
Spindle speed range■r/min■	3000
Sub-Spindle speed range■r/min■	4000
Spindle motor power■KW■	37
Sub-Spindle motor power■KW■	30
X/Y/Z-axis fast movement speed(mm)	12/12/16
X-axis travel(mm)	400
Z-axis travel(mm)	1350
Y-axis travel(mm)	±100
Standard knife holder form	12 station power knife tower
Machine size (mm)	4450L*2320W*2713H
Machine weight (KG)	10000
handemocnc.com/cnc-mill-turn-machines/dual-spindle/3100sy-cnc-mill-turn-machine.html	

TCK6050Y CNC Mill-Turn Machine

Specifications	TCK6050Y-500
Max. swing over bed(mm)	560
Max. turning length(mm)	500
Max. turning diameter(mm)	410
Max. swing over cross slide(mm)	400
Standard turning diameter(mm)	300
Spindle nose type / code	A2-6
Spindle bore diameter(mm)	65
Max. bar capacity(mm)	50
X-axis rapid traverse(m/min)	15
Z-axis rapid traverse(m/min)	15
Y-axis travel(mm)	±50
X-axis travel(mm)	280
Z-axis travel(mm)	630
Tailstock travel(mm)	450
Tailstock quill stroke(mm)	100

handemocnc.com/cnc-mill-turn-machines/power-turret-y-axis-turning-and-milling-center/tck6050y-cnc-mill-turn-machine.html

TCK3100LY CNC Mill-Turn Machine

Specifications	TCK3100LY
Max. swing over bed(mm)	750
Max. turning length(mm)	1000
Max. turning diameter(mm)	500
Standard turning diameter(mm)	380
Max. swing over cross slide(mm)	400
Spindle nose type / code	A2-8
Spindle bore diameter(mm)	85
Max. bar capacity(mm)	75
X-axis rapid traverse(m/min)	12
Y-axis rapid traverse(m/min)	12
Z-axis rapid traverse(m/min)	16
X-axis travel(mm)	400
Z-axis travel(mm)	1050
Y-axis travel(mm)	±100
Approx. gross weight(KG)	8000

handemocnc.com/cnc-mill-turn-machines/y-axis-turning-and-milling-combination/tck3100ly-cnc-mill-turn-machine.html

TCK2300B CNC Mill-Turn Machine

Specifications	TCK2300B
Max. swing over bed(mm)	700
Max. turning length(mm)	500
Max. turning diameter(mm)	400
Max. swing over cross slide(mm)	400
Spindle nose type / code	A2-6
Spindle bore diameter(mm)	65
Max. bar capacity(mm)	50
X-axis rapid traverse(m/min)	20
Z-axis rapid traverse(m/min)	20
Y-axis rapid traverse(m/min)	10
Y-axis travel(mm)	±60
X-axis travel(mm)	240
Z-axis travel(mm)	500
Standard tool post type	Horizontal 12-station live tool turret
handemocnc.com/cnc-mill-turn-machines/y-axis-turning-and-milling-combination/tck2300b-cnc-mill-turn-machine.html	

TCK6050SY CNC Mill-Turn Machine

Specifications	TCK6050SY
Max. swing over bed(mm)	600
Max. turning length(mm)	450
Max. turning diameter(mm)	400
Max. swing over cross slide(mm)	330
Standard turning diameter(mm)	300
Spindle1 nose type	A2-6
Spindle1 bore diameter(mm)	67
Bar capacity(mm)	50
Spindle speed range(r/min)	50~4000
Spindle motor output power(kW)	18.5
Spindle2 nose type	A2-5
Spindle2 bore diameter(mm)	56
Bar capacity(mm)	45
Spindle speed range(r/min)	50~4000
X-axis rapid traverse(m/min)	20
Y-axis rapid traverse(m/min)	20
Z-axis rapid traverse(m/min)	10
Y-axis travel(mm)	±50
X-axis travel(mm)	230
Z-axis travel(mm)	450
Machine dimensions(KG)	3307Lx 1912Wx 2250H
handemocnc.com/cnc-mill-turn-machines/dual-spindle/tck6050sy-cnc-mill-turn-machine.html	

HTMC800S CNC Mill-Turn Machine

Specifications	HTMC800S
Max. swing over bed(mm)	600
Max. turning length(mm)	1200
Max. turning diameter(mm)	580
Max. swing over cross slide(mm)	600
Spindle nose type / code	A2-6/A2-8
Spindle bore diameter(mm)	87
Max. bar capacity(mm)	67
X-axis rapid traverse(m/min)	12
Y-axis rapid traverse(m/min)	12
Z-axis rapid traverse(m/min)	12
Y-axis travel(mm)	±125
X-axis travel(mm)	720
Z-axis travel(mm)	1550
Approx. gross weight(KG)	17000
handemocnc.com/cnc-mill-turn-machines/5-axis-turning-and-milling/htmc800s-cnc-mill-turn-machine.html	

HTMC500T CNC Mill-Turn Machine

Specifications	HTMC500T
Max. swing over bed(mm)	700
Max. turning length(mm)	1250
Max. turning diameter(mm)	500
Max. swing over cross slide(mm)	700
Spindle nose type / code	A2-8
Spindle bore diameter(mm)	86
Max. bar capacity(mm)	75
X-axis rapid traverse(m/min)	12
Z-axis rapid traverse(m/min)	12
Y-axis rapid traverse(m/min)	12
Y-axis travel(mm)	±125
X-axis travel(mm)	700
Z-axis travel(mm)	1400
Machine dimensions(mm)	6900Lx 3800Wx 2900H
Approx. gross weight(KG)	14000
handemocnc.com/cnc-mill-turn-machines/5-axis-turning-and-milling/htmc500t-cnc-mill-turn-machine.html	

QK1322 CNC Mill-Turn Machine

Specifications	QK1322
Max. swing over bed(mm)	1000
Max. turning length(mm)	1350
Max. turning diameter(mm)	800
Max. swing over cross slide(mm)	550
Spindle nose type / code	A2-15
Spindle bore diameter(mm)	240
Max. bar capacity(mm)	220
X-axis rapid traverse(m/min)	12
Z-axis rapid traverse(m/min)	12
X-axis travel(mm)	450
Z-axis travel(mm)	1600
Machine dimensions(mm)	4930Lx 2770Wx 2570H
Approx. gross weight■KG)	12000
handemocnc.com/cnc-mill-turn-machines/large-bore-pipe-threading-lathe/qk1322-cnc-mill-turn-machine.html	

HTMC800T Mill-Turn Machines

Specifications	HTMC800T
Max. swing over bed (mm)	700 / 330 (lower turret)
Max. turning length(mm)	1500
Max. turning diameter(mm)	600 / 330 (lower turret)
Max. swing over cross slide(mm)	700 / 330 (lower turret)
Spindle nose type / code	A2-6/A2-8
Z-axis travel(mm)	1800
X-axis travel(mm)	820
Y-axis travel(mm)	±125
X-axis Fast shift speed(m/min)	12
Y-axis Fast shift speed(m/min)	12
Z-axis Fast shift speed(m/min)	12
Max. tool diameter(mm)	75
Max. tool length(mm)	300
handemocnc.com/cnc-mill-turn-machines/5-axis-turning-and-milling/htmc800t-mill-turn-machines.html	

5-Axis Machining Centers

LH400 Gantry 5-Axis Machining Center

Specifications	LH400
Table size (mm)	D400
Max. worktable load(kg)	200
X-axis travel(mm)	600
Y-axis travel(mm)	1000
Z-axis travel(mm)	600
X-axis Fast shift speed(m/min)	15
Y-axis Fast shift speed(m/min)	12
Z-axis Fast shift speed(m/min)	15
Spindle taper hole	BT40D
Spindle speed (rpm)	12000
Machine size (mm)	3495L*2829W*4150H
Machine weight (KG)	9000
handemocnc.com/5-axis-turning-and-milling-machine/heavy-duty-gantry-type/lh400-5-axis-turning-and-milling-machine.html	

LH500 Gantry 5-Axis Machining Center

Specifications	LH500
Table size (mm)	D500
Max. worktable load■kg	350
X-axis travel(mm)	600
Y-axis travel(mm)	1000
Z-axis travel(mm)	600
X-axis Fast shift speed(m/min)	15
Y-axis Fast shift speed(m/min)	12
Z-axis Fast shift speed(m/min)	15
Spindle taper hole	BBT40
Spindle speed (rpm)	12000
Machine size (mm)	3495L*2829W*4150H
Machine weight (KG)	9000
handemocnc.com/5-axis-turning-and-milling-machine/heavy-duty-gantry-type/lh500-5-axis-turning-and-milling-machine.html	

TMC630 High-Speed 5-Axis Machining Center

Specifications	TMC630
X-axis travel(mm)	700
Y-axis travel(mm)	350 + 590 (including tool change stroke)
Z-axis travel(mm)	550
A-axis tilt range(deg)	±110°
C-axis rotation range	360°
Rotary table (C-axis) Table diameter(mm)	650
Rotary table (C-axis) Permissible load(kg)	500
Rotary table (C-axis) Max speed(rpm)	400
A-axis Max speed(rpm)	100
Spindle taper	HSKT63
Max. spindle speed(r/min)	15000
Machine weight (T)	11
handemocnc.com/5-axis-turning-and-milling-machine/high-speed-precision-overhead-crane/tmc630-5-axis-turning-and-milling-machine.html	

TMC800 High-Speed 5-Axis Machining Center

Specifications	TMC800
X-axis travel(mm)	850
Y-axis travel(mm)	1040 (including tool change stroke)
Z-axis travel(mm)	600
A-axis tilt range(deg)	±110°
C-axis rotation range	360°
Rotary table (C-axis) Table diameter(mm)	800
Rotary table (C-axis) Permissible load(kg)	500
Rotary table (C-axis) Max speed(rpm)	300
A-axis Max speed(rpm)	100
Spindle taper	HSK-T63
Max. spindle speed(r/min)	15000
Machine weight (T)	11

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Machine selection depends on the workpiece, the required tolerance and the production volume. Send a drawing and the batch quantity and we will confirm the machine and the configuration.