

Big Capacity European Heavy Duty Lathes

Manual Plus CNC

24" -61" swing over bed up to 590" bc

Multitasking Slant

19"-39" part diameter up to 374" bc

Manual/Servo-Conventional

22", 24" or 27" swing over bed up to 157" bc

4-Way Bed

41"-157" swing over bed up to 982" bc

Toolmex Solution Packages:

Lathe, Workholding,
Options and Tooling

www.toolmexplathes.com

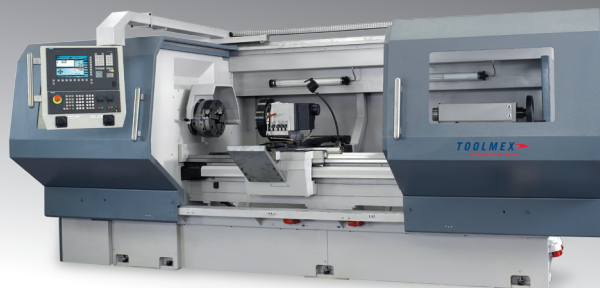
TOOLMEX 
Lathes



Overview: Toolmex Haco-Fat MN/CNC Lathes

- Superior European design, craftsmanship and components
- Choice of Siemens or Fanuc
- 2 to 5 Axis CNC (Manual Cycle Option)
- Spindle bores up to 26", 20-300 HP
- Accuracy and stability improved with TRI-V bed design on most models
- Toolmex specializes in medium to large long bed lathes
- Meehanite grade castings from Europe
- Germany #1 Market for TUR and over 2,000 TUR lathes in the USA
- Wide range of options and custom enhancements

SUPERIOR TURNING SOLUTIONS



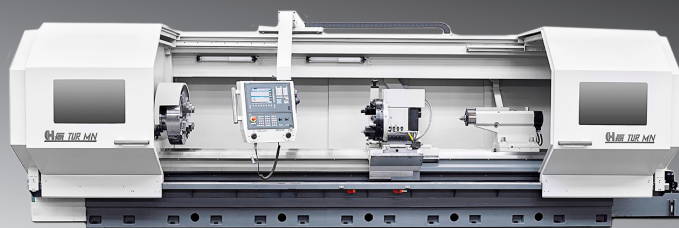
TUR630MNx78"



TUR630AMNx118"

MANUAL PLUS CNC LATHES	TUR560MN	TUR630MN/AMN	TUR630PMN (TUR710PMN)	TUR710MN/AMN
Swing Over Bed	22"	25"	25" (28")	28"
Swing Over Cross Slide	11.8"	14.6"	14.6" (17.1")	17.1"
Control	Siemens or Fanuc	Siemens or Fanuc	Siemens	Siemens or Fanuc
Distance Between Centers	40"-118"	78", 118", 157", 236"	40"-157" bc	78", 118", 157"
Main Drive Motor, Continuous / 40% Duty	16/25 HP or 15/21 HP	16/25 HP or 15/21 HP	20 HP	16/25 HP or 15/21 HP
Standard Spindle Bore	4.1"	4.1"	6.5"	4.1"
Optional Spindle Bore	—	5.5" (TUR630AMN)	7.5"	5.5" (TUR710AMN)
Spindle Speeds Standard Bore	4-2500 RPM	2-2500 RPM	8-1800 rpm	2-2500 / 1850 RPM
Max Load Capacity	4,600 lbs	6,600 lbs	4,600 lbs	6,600 lbs
Z-Axis Rapid Traverse Rate	315 IPM	315 IPM	315 IPM	315 IPM
Tailstock Quill Diameter	3.9"	3.9"	3.9"	3.9"
Tailstock Quill Taper	MT 5	MT 5	MT 5	MT 5
Bed Width (with TRI-V Bedways)	17" (TRI-V)	17" (TRI-V)	17" (TRI-V)	17" (TRI-V)
Machine Weight, 78" bc	10,500 lbs	10,800 lbs	10,500 lbs	11,000 lbs

Features: European built, TRI-V bedways, 12"-17" OCS x 40"-236" bc, 4"-7.5" spindle bores, 2-4 axis, come-along tailstock



NEW TUR930SMNx157"



TUR800MNx78"



TUR930MNx236"

MANUAL PLUS CNC LATHES	TUR800SMN	TUR930SMN	TUR1100SMN (1200)
Swing Over Bed	31.5"	37.4"	43" (47")
Swing Over Cross Slide	19.7"	24.8"	31.1"
Control	Fanuc or Siemens	Fanuc or Siemens	Fanuc or Siemens
Distance Between Centers	78"-472"	78"-472"	78"-382"
Main Drive Motor, Continuous / 40% Duty	30 HP / 35 HP (30/40 HP)	30 HP / 40 HP (40/50 HP or 60HP)	30 HP / 40 HP (50/60 HP)
Standard Spindle Bore	5.5"	5.5"	5.5"
Optional Spindle Bores	6.3", 8.6" or 12.6"	6.3", 8.6" or 12.6" HD	6.3", 8.6", 12.6", 14.2", 17.7"
Spindle Speeds, Standard Bore	6-1800 RPM	4-1200 RPM	4-1200 RPM
Max Load Capacity (option)	11,000 lbs (15,000 lbs)	11,000 lbs (15,000 lbs)	11,000 lbs (15,000 lbs)
Z-Axis Rapid Traverse Rate	236 IPM	236 IPM	236 IPM
Tailstock Quill Diameter	4.9" (6.3")	4.9" (6.3")	4.9" (6.3")
Tailstock Quill Taper	MT 6	MT 6	MT 6
Bed Width with TRI-V ways + "solid" bed	24.5" TRI-V	24.5" TRI-V	24.5" TRI-V
Machine Weight, 157" bc	29,000 lbs	30,500 lbs	32,000 lbs (33,500 lbs)

Features: European built, new HD "solid" bed for greater loads, swing and accuracy, massive 24.5" TRI-V bedways, 5.5"-18" bores, 2-4 axis, 2 or 4 way beds



Manual TUR630A



TUR630SCx118"

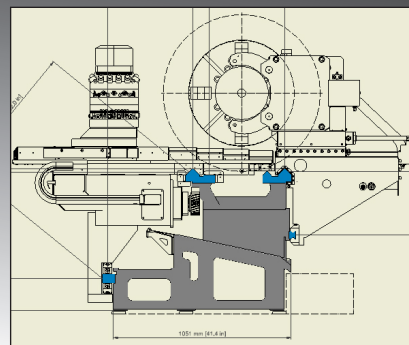


NEW SERVO CONVENTIONAL (SC) LATHES	Manual TUR630 (710)	TUR560SC	TUR630SC	TUR710SC
Swing Over Bed 14.6" (17.3") 17"	25" (28")	22"	25"	28"
Swing Over Cross Slide	14.6" (17.3")	11.8"	14.6"	17.3"
Control	N/A	SC - 828 Siemens - Fat modified		
Distance Between Centers	40", 78", 118", 157"			
Main Drive Motor, ZF Gearbox	20 HP	20 HP	20 HP	20 HP
Standard Spindle Bore	4.1" (5.5")	4.1"		
Spindle Speeds	18-1800 RPM	7-1800 RPM via 2 range auto shifting		
Max Load Capacity	3,300 lbs	4,400 lbs		
Tailstock Quill Diameter / Taper	3.9" dia. / MT 5			
Bed Width (with TRI-V Bedways)	17" (TRI-V)			
Machine Weight, 118" bc	9,900 lbs	11,100 lbs	11,800 lbs	12,200 lbs
TUR-SC Features: Manual TRI-V beds, European built, fully clutched / SERVO Conventional same except ZF gearbox, ball screws, DRO, VS, CSS, manual & simple cycles std.				

TUR-SC Features: Manual TRI-V beds, European built, fully clutched / SERVO Conventional same except ZF gearbox, ball screws, DRO, VS, CSS, manual & simple cycles std.



TUR930-4SMN



4-way turret & hydraulic rear steady



INDEPENDENT TURN THROUGH LATHES	TUR800 4SMN	TUR930 4SMN	TUR1100 4SMN
Swing Over Bed	31"	37"	43"
Swing Over Cross Slide	19.5"	24.8"	31"
Distance Between Centers	78"-393"	78"-393"	78"-236"
Main Drive Motor, Continuous / 40% Duty	30 HP / 35 HP	30 HP / 35 HP	30 HP / 35 HP
Standard Spindle Bore	5.5" (8.6"-14.1")	5.5" (8.6"-14.1")	5.5" (8.6"-14.1")
Optional Spindle Bores	8.6"-14.1"	8.6"-14.1"	8.6"-14.1"
Spindle Speeds, Standard Bore	4-1800 RPM	4-1200 RPM	4-1200 RPM
Max Load Capacity	8,800 lbs	8,800 lbs	8,800 lbs
Tailstock Quill Diameter (Optional) / Taper	4.9" (6.3") / MT6	4.9" (6.3") / MT6	4.9" (6.3") / MT6
Bed Width – 4-Way Step Bed	41.4"	41.4"	41.4"
Machine Weight, 118" bc	30,800 lbs	32,400 lbs	33,500 lbs

Features: Turn through steady rests, 5.5"-14" bores, "Step" bed for operator efficiency and slant bed functionality

OPTIONAL LATHE EQUIPMENT

Photos shown here are a general representation of popular equipment options that are available on select machinery. Actual equipment options may differ. Please contact Toolmex Machine Tool Sales for more information.



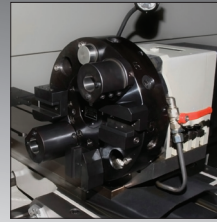
3 or 4-Jaw Chucks
(12"-70" diameter)



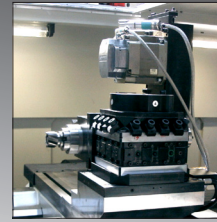
Chucks: Hydraulic Power
(10"-32" diameter),
Pneumatic (8"-14" Bores)



3 or 4-Jaw Oil Country
Chucks (16"-32" diameter)



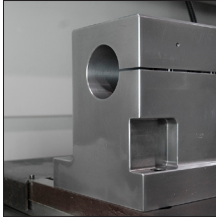
Disc Turrets
(Static or Live Tools)



4-Way Head Turrets and
optional Milling Unit



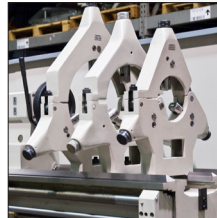
VDI Toolholders



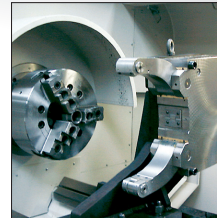
Standard Boring
Bar Attachment



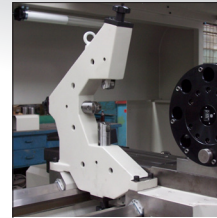
Heavy Duty Boring
Bar Attachment, RH Rail



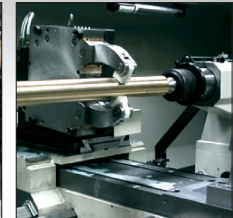
Manual Steady Rests



Hydraulic Steady Rests



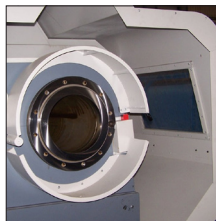
Manual Follow Rests



Hydraulic Follow Rests,
Programmable



Chip Conveyors



5.5"-26" Bores, Rear Nose
Option for Double Chucks



Fanuc MN/CNC



Siemens MN/CNC



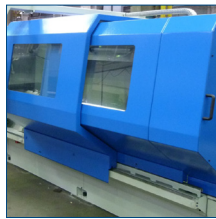
Remote MPG



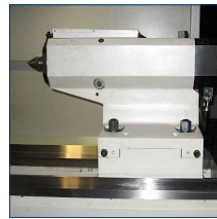
Manual Quick Change Post



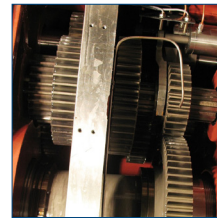
Manual control station on
apron



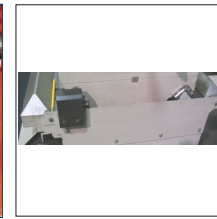
Full MN/CNC Enclosure



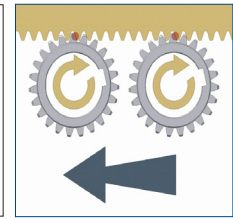
HD Tailstock, 6.3" quill, built
in bearings



Extra HD Headstock TUR930



TRI-V Bedways

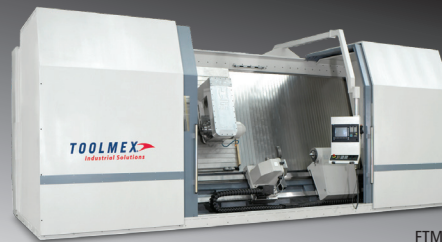


Z axis drive, rack & dual
pinion

FCT700x4M



FTM700x137"



SLANT BED MULTITASKING LATHES	FCT700 (2-3 Axis)	FTM700 (2-5 Axis)	FTM1000 (2-5 Axis)
Swing Over Bed / (Over Cross Slide)	27.6" Slant / (19.3")	27.6" Slant / (27.6")	39.3" Slant / (39.3")
Distance Between Centers	82"-161"	82"-358"	98"-374"
Main Drive Motor, Continuous / 40% Duty	30 HP / 45 HP	30 HP / 45 HP	55 HP / 75 HP
Standard Spindle Bore (Option)	4.1" (5.5" or 8.6")	5.5" (8.6" or 12.6")	5.5" (8.6" or 12.6")
Spindle Speeds, Standard Bore	4-2200 RPM	4-2000 RPM	4-1800 RPM
Max Load Capacity	5,500 lbs	23,100 lbs	26,400 lbs
Z-Axis Rapid Traverse Rate	780 IPM	860 IPM	860 IPM
Tailstock Quill Diameter / Taper	4.7" Live / MT 5	6.3" Live / MT 6	7.8" Live / MT 6
Milling HP	14 HP	15-35 HP	15-35HP
Bed Width (Slant)	15.5" (70° Slant)	33.7" (60° Slant)	33.7" (60° Slant)
Machine Weight, 157" bc	27,700 lbs	61,000 lbs	70,000 lbs

Features: HD Slant bed series for large parts, Fanuc or Siemens CNC, HD 2-5 Axis, Sub spindle, block ways, load capacities to 26,000 lbs, power chucks 16"-36" dia.



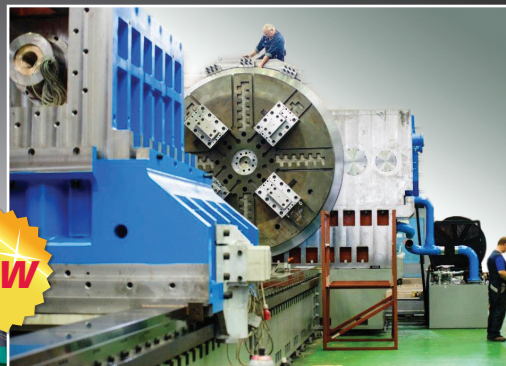
TUR1350x236"

MANUAL PLUS CNC LATHES	TUR1150MN	TUR1350MN	TUR1550MN/R
Swing Over Bed	45"	53"	61"
Swing Over Cross Slide / option	27.5"	35.4"	43.3" / 51"
Control	Fanuc or Siemens	Fanuc or Siemens	Fanuc or Siemens
Distance Between Centers	78"-786"	78"-786"	78"-590"
Main Drive Motor, Continuous (Option)	50 HP/(75 HP)	50 HP/(75 HP)	50 HP/(75 HP)
Standard Spindle Bore	5.5"	5.5"	5.5"
Optional Spindle Bores	8.6"-12.6"	8.6"-26"	8.6"-26"
Spindle Speeds, Standard Bore	4-900 RPM	4-900 RPM	4-900 RPM
Max Load Capacity (Option)	33,000 lbs (50,000 lbs)	33,000 lbs (50,000 lbs)	33,000 lbs (50,000 lbs)
Z-Axis Rapid Traverse Rate	315 IPM	315 IPM	315 IPM
Tailstock Quill Diameter (Option)	7.9" (11")	7.9" (11")	7.9" (11")
Tailstock Quill Taper	MT 6	MT 6	MT 6
Bed Width	40"	40"	40"
Machine Weight, 157" bc	44,000 lbs	45,600 lbs	47,300 lbs / 48,500 lbs

Features: European built, HD "solid" bed for greater loads, massive 40" -59" wide beds, 5.5"-18" bores, 2-4 axis, 2 or 4 way beds



TUR4-Way 4SMN/CNC



TUR 4Way CNC

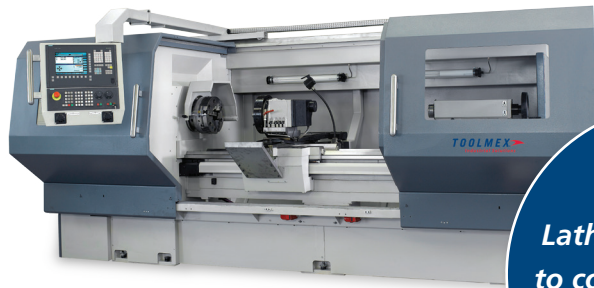
4-WAY BED LATHES	NEW TUR4: SMN 4-Way BED CNC	NEW TUR4: SUPER HEAVY DUTY BED CNC
Swing Over Bed	31"-78"	78"-157"
Swing Over Cross Slide	19"-61"	60"-118"
Control	Fanuc or Siemens	Siemens
Distance Between Centers	78"-982"	78"-982"
Main Drive Motor	50-130 HP	100-300 HP
Standard Spindle Bore	4.7"	Specific to Model
Optional Spindle Bores	12.5"	—
Spindle Speeds, Standard Bore	.5-750 RPM	Specific to Model
Max Load Capacity	30,000-67,000 lbs	30,000-200,000 lbs
Z-Axis Rapid Traverse Rate	200 IPM	157-236 IPM
Tailstock Quill Diameter	11" x 11" Live	11" x 11" - 24" x 24" Live
Tailstock Quill Taper	Flange Center	Flange Center
Bed Width	57"-87" 4-Way	73"-156" 4-Way
Machine Weight, 157" bc	~ 66,000-80,000 lbs	~ 120,000-750,000 lbs

Features: Custom European built, Extra HD - swings and load capacities, 4 way beds, max turning torques up to 300,000 Nm, 2-4 axis

Specialists in Superior Heavy-Duty European Large Long Bed Lathes

Manual Plus CNC:

22"-61" x 78"-786" bc



Slant Bed:

15"-38" diameter chucks x 82"-374" bc



4

*Lathe Technologies
to cover a multitude
of long bed turning
applications*



Manual or Servo Conventional:

22"-43" x 78"-315" bc

Extra Heavy Duty 4-Bedways:

31"-157" x 10'-90' bc



Thousands of
Parts and Options



Dependable Service
and Support



Schaumburg, IL facility with overhead Crane and
stock of New Lathes

TOOLMEX 
Lathes

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SUPERIOR TURNING SOLUTIONS

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