

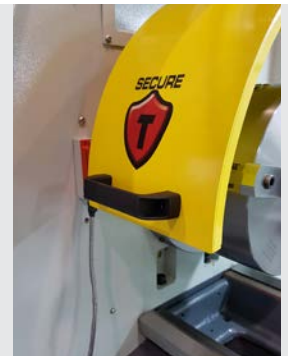
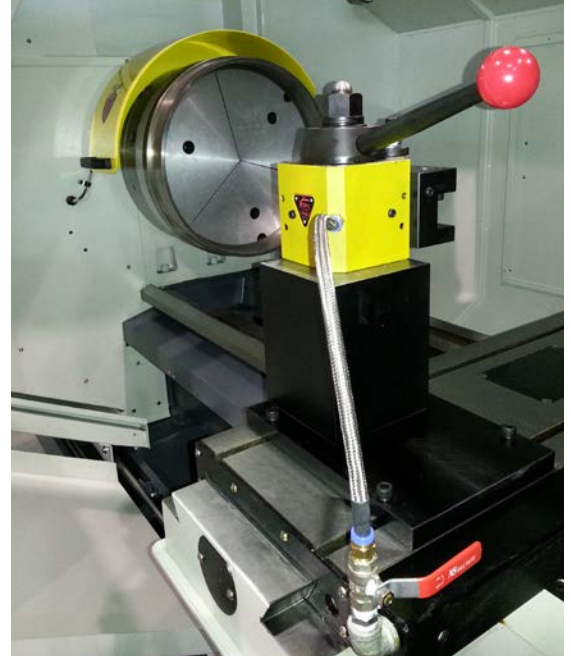


SIMPLY EFFECTIVE!

ASSISTED BY THE TACHYON + FAGOR  CONTROLLER



READY FOR ASSISTED CONTROL CONVENTIONAL MACHINING



THE INNOVATIVE MACHINING METHOD, PROVIDED BY A XENA LATHE ASSISTED BY ITS TACHYON CONTROLLER, WILL PERMIT A CONVENTIONAL MACHINIST TO QUICKLY, EASILY AND SAFELY CARRY OUT AN IMPRESSIVE NUMBER OF MACHINING OPERATIONS, SUCH AS:

- external and internal parallel turning
- external and internal taper shape turning
- straight or tapered thread cutting with up to 4 starts
- straight or tapered thread repair for up to 4 start threads
- straight or radius grooving (inside, outside and face)
- convex or concave radius cutting (inside or outside)
- constant cutting speed machining

With Xena, the productivity of your conventional machining department will now reach new heights.

The manufacturing of simple or complex parts will be similarly made as if made on a conventional machine, only this will be done more safely and efficiently!

The manufacturing of more complex parts or the production of small batches will be made in a similar way as on a numerical control machine, only it will be done more easily!



* Specifications subject to change without notice

	XENA-1320-F	XENA-1740-F
Swing over bed	Ø320 mm (Ø12.6")	Ø440 mm (Ø17")
Swing over cross slide	Ø180 mm (Ø7")	Ø240 mm (Ø9.4")
Swing over gap	—	—
Distance between centers	610 mm (24")	1 016 mm (40")
Cross slide travel (X-axis)	—	—
Dia of ball screw (X-axis)	—	—
Longitudinal travel (Z-axis)	500 mm (19.6")	900 mm (35.4")
Dia of ball screw (Z-axis)	—	—
Width of bed	190 mm (7.5")	300 mm (11.8")
Spindle nose	D1-4	D1-6
Spindle taper	MT #5	MT #6
Spindle bore	40 mm (1.57")	55 mm (2.16")
Spindle Motor Power	3,7 kW (5 HP)	7,5 kW (10 HP) 8 000 rpm, ratio 2:1
Spindle speed	100 to 4 000 RPM	100 to 2 500 RPM (2 range)
Quill diameter	Ø40 mm (Ø1.57")	Ø52 mm (Ø2")
Quill travel	100 mm (3.9")	150 mm (5.9")
Quill taper	MT #3	MT #4
Floor space dimensions (LxWxH)	1 430 x 1 280 x 1 700 mm (56" x 50" x 67")	2 340 x 1 780 x 1 890 mm (92" x 70" x 74")
Electrical power source voltage	440 Vac, 3 PH	440 Vac, 3 PH
Net/Gross	800 Kg (1 760 lbs)	1 540 Kg (3 400 lbs)
STANDARD ACCESSORIES INCLUDED		
Controller	TACHYON + FAGOR 8065i with 15" touchscreen color display	TACHYON + FAGOR 8065i with 15" touchscreen color display
Steady rest	•	•
Follow rest	•	•
3 jaw chuck	Ø6", steel / 2 piece jaws	Ø8", steel / 2 piece jaws
4 jaw self-centering chuck	N/A	Ø8", iron / 2 piece jaws
Automatic lubrication	•	•
Tool post and tool holders	Quick change tool post, 2 faces c/w 6 tool holders or VDI40 w/o tool holder	Quick change tool post, 2 faces c/w 6 tool holders or VDI40 w/o tool holder
Closed or partial working envelope	Closed	Closed
Work light – standard	Fluorescent light fixture	Fluorescent light fixture
TEAMVIEWER remote access	•	•
TACHYON + FAGOR bimode	•	•
Mobile operator interface	•	•
Coolant pump	•	•
Digital read out (DRO)	•	•
Large size wheel for manual movement	•	•
CSA Certified	•	•
Mechanical warranty	1 year	1 year
Controller warranty	2 years	2 years
Software updates	3 years	3 years
MAIN AVAILABLE OPTIONS		
Other manual turret – tool post	DORIAN, KLOPFNER, PARAT or other on request	DORIAN, KLOPFNER, PARAT or other on request
Automatic horizontal turret	Not available	Not available
Automatic vertical turret	Not available	Not available
Headstock with different bore diameter	N/A	N/A
Portable pulse generator	Available on request	Available on request
C-axis with live tool	VDI-40, motorized single position	VDI-40, motorized single position
Oversized tailstock	Available on request	Available on request
Tailstock with rotating quill	Available on request	Available on request
Oversized steady rest	Available on request	Available on request
Fixed steady rest two contact points	Available on request	Available on request
Drilling and boring attachment	Available on request	Available on request
Additional LED lighting fixture	Available on request	Available on request

• = Included



IMAGINE

BEING ABLE TO PRODUCE SIMPLE & COMPLEX PARTS

- QUICKLY
- IN THE SAME WAY AS A CONVENTIONAL MACHINE
- WITH THE ACCURACY OF A CNC LATHE
- NO PROGRAMMING NEEDS
- WITHOUT THE NEED OF NUMERICAL CONTROL SPECIALISTS

For those whose main job is about conventional machining, a **XENA** conventional assisted control lathe represents the greatest innovation for their field of industry since the invention of the digital readout.



Always in stock OR available with shorter delivery times.

* Specifications subject to change without notice

	XENA-2240-F	XENA-2280-F	XENA-3080-6-F	XENA-30120-6-F
Swing over bed	Ø560 mm (Ø22.05")	Ø560 mm (Ø22.05")	Ø760 mm (Ø29.92")	Ø760 mm (Ø29.92")
Swing over cross slide	Ø340 mm (Ø13.39")	Ø340 mm (Ø13.39")	Ø540 mm (Ø21")	Ø540 mm (Ø21")
Swing over gap	Ø760 mm (Ø29.92")	Ø760 mm (Ø29.92")	Ø1040 mm (Ø40.95")	Ø1 040 mm (Ø40.95")
Distance between centers	1 000 mm (39")	2 000 mm (79")	1 920 mm (76")	2 920 mm (115")
Cross slide travel (X-axis)	350 mm (13.75")	350 mm (13.75")	405 mm (16")	405 mm (16")
Dia of ball screw (X-axis)	Ø25 mm x P5 x C3	Ø25 mm x P5 x C3	Ø32 mm x P5 x C3	Ø32 mm x P5 x C3
Longitudinal travel (Z-axis)	1 000 mm (39")	2 000 mm (79")	1 970 mm (77")	2 970 mm (117")
Dia of ball screw (Z-axis)	Ø40 mm x P10 x C5	Ø40 mm x P10 x C5	Ø50 mm x P10 x C5	Ø50 mm x P10 x C5
Width of bed	350 mm (14") 3V + 1 flat	350 mm (14") 3V + 1 flat	450 mm (17.7") 3V + 1 plat	450 mm (17.7") 3V + 1 plat
Spindle nose	D1-11	D1-11	A2-11	A2-11
Spindle taper	MT #7	MT #7	N/A	N/A
Spindle bore	105 mm (4")	105 mm (4")	155 mm (6")	155 mm (6")
Spindle Motor Power	15 HP	15 HP	20 HP	20 HP
Spindle speed	30 to 1 500 RPM (3 range)	30 to 1 500 RPM (3 range)	20 to 1 000 RPM (3 range)	20 to 1 000 RPM (3 range)
Quill diameter	Ø75 mm (3")	Ø75 mm (3")	Ø105 mm (4")	Ø105 mm (4")
Quill travel	160 mm (6")	160 mm (6")	250 mm (10")	250 mm (10")
Quill taper	MT #5	MT #5	MT #5	MT #5
Floor space dimensions (LxWxH)	2 800 x 1 650 x 1 950 mm (110" x 65" x 77")	3 800 x 1 650 x 1 950 mm (150" x 65" x 77")	3 900 x 2 000 x 2 000 mm (154" x 79" x 79")	4 900 x 2 000 x 2 000 mm (193" x 79" x 79")
Electrical power source voltage	440 Vac, 3 PH	440 Vac, 3 PH	440 Vac, 3 PH	440 Vac, 3 PH
Net/Gross	2 200 Kg (4 840 lbs)	2 900 Kg (6 380 lbs)	5 200 Kg (11 460 lbs)	5 800 Kg (12 790 lbs)
STANDARD ACCESSORIES INCLUDED				
Controller	TACHYON + FAGOR 8065i with 15" touchscreen color display	TACHYON + FAGOR 8065i with 15" touchscreen color display	TACHYON + FAGOR 8065i with 15" touchscreen color display	TACHYON + FAGOR 8065i with 15" touchscreen color display
Steady rest	•	•	•	•
Follow rest	•	•	•	•
3 jaw chuck	Ø12", steel / 2 piece jaws	Ø12", steel / 2 piece jaws	Not included	Not included
4 jaw self-centering chuck	Not included	Not included	Not included	Not included
Automatic lubrication	•	•	•	•
Tool post and tool holders	Quick change tool post, 2 faces c/w 6 tool holders or VDI40 w/o tool holder	Quick change tool post, 2 faces c/w 6 tool holders or VDI40 w/o tool holder	Quick change tool post, 2 faces c/w 6 tool holders or VDI40 w/o tool holder	Quick change tool post, 2 faces c/w 6 tool holders or VDI40 w/o tool holder
Closed or partial working envelope	Closed	Closed	Closed	Closed
Work light – standard	Fluorescent light fixture	Fluorescent light fixture	Fluorescent light fixture	Fluorescent light fixture
TEAMVIEWER remote access	•	•	•	•
TACHYON + FAGOR bimode	•	•	•	•
Mobile operator interface	•	•	•	•
Coolant pump	•	•	•	•
Digital read out (DRO)	•	•	•	•
Large size wheel for manual movement	•	•	•	•
CSA Certified	•	•	•	•
Mechanical warranty	1 year	1 year	1 year	1 year
Controller warranty	2 years	2 years	2 years	2 years
Software updates	3 years	3 years	3 years	3 years
MAIN AVAILABLE OPTIONS				
Other manual turret – tool post	DORIAN, KLOPFNER, PARAT or other on request	DORIAN, KLOPFNER, PARAT or other on request	DORIAN, KLOPFNER, PARAT or other on request	DORIAN, KLOPFNER, PARAT or other on request
Automatic horizontal turret	PRAGATI electrical 4 positions	PRAGATI electrical 4 positions	PRAGATI electrical 4 positions	PRAGATI electrical 4 positions
Automatic vertical turret	Hydraulic 8 positions	Hydraulic 8 positions	Hydraulic 8 positions	Hydraulic 8 positions
Headstock with different bore diameter	N/A	N/A	Ø4" bore (20 to 1 500 RPM)	Ø4" bore (20 to 1 500 RPM)
Portable pulse generator	Available on request	Available on request	Available on request	Available on request
C-axis with live tool	VDI-40, motorized single position	VDI-40, motorized single position	VDI-40, motorized single position	VDI-40, motorized single position
Oversized tailstock	Available on request	Available on request	Available on request	Available on request
Tailstock with rotating quill	Available on request	Available on request	Available on request	Available on request
Oversized steady rest	Available on request	Available on request	Available on request	Available on request
Fixed steady rest two contact points	Available on request	Available on request	Available on request	Available on request
Drilling and boring attachment	Available on request	Available on request	Available on request	Available on request
Additional LED lighting fixture	Available on request	Available on request	Available on request	Available on request

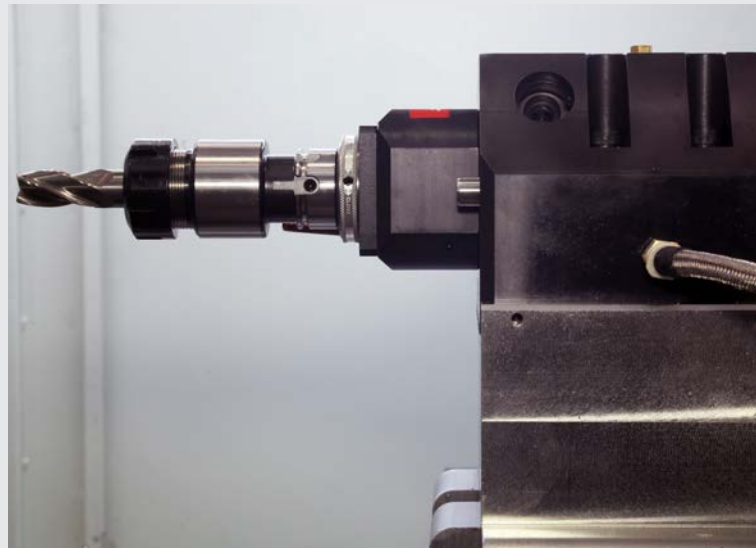
• = Included

2240-F | 2280-F | 3080-6-F | 30120-6-F



ALWAYS MORE FLEXIBILITY

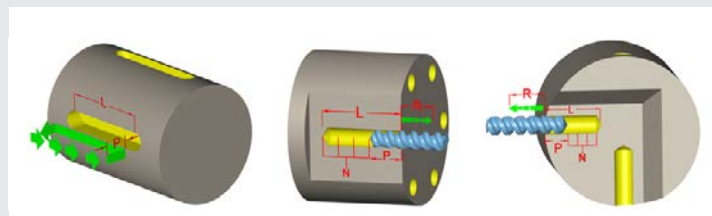
WITH « C » AXIS



ADDING THE OPTION TO MACHINE WITH "C" AXIS AND LIVE TOOLING WILL ALLOW THE OPERATOR TO PERFORM THE FOLLOWING OPERATIONS.

- AXIAL AND RADIAL LINEAR MILLING
- SPLINE AND GEAR CUTTING
- SLOTTING OPERATION FOR INTERNAL SPLINE OR KEY WAY CUTTING

THIS OPTION WILL TRANSFORM THE SPINDLE OF THE LATHE INTO A PRECISION INDEXING CHUCK HAVING 100,000 POSITIONS.



BOOST PRODUCTION BY CHOOSING THE MOST EFFICIENT TOOL HOLDERS

THERE HAVE ALWAYS BEEN
CONVENTIONAL LATHES...
NOW THERE ARE



LATHES

TACHYON CONTROL
with touchscreen colour
operator interface



"SECURE T"
SAFETY FEATURES
for front and rear chuck guard
and front doors



OPTIONAL
rear spindle nose
attachment for
rear chuck



OPTIONAL
HEAVY DUTY
Steady rest



Manual or automatic (electric
or hydraulic) TOOL CHANGER



OPTIONAL
Drilling and boring
attachment



OPTIONAL
Heavy duty two contact points
STEADY REST





OPTIONAL
Chip conveyor



OPTIONAL
high pressure coolant pump



Ultra HEAV DUTY ONE
piece BED and BASE bed
with 3"V" + 1 flat
(for series 22,30, 32 and higher)



SAFE, CLEAN and BRIGHT
WORKING ENVIRONMENT

"DEAD MAN" TYPE PEDAL
to increase safety at work when
more proximity with the work piece
in motion is required

MOBILE OPERATOR
INTERFACE



*Specifications subject to change without notice

	XENA-3280-6-F	XENA-32120-6-F	XENA-32160-6-F	XENA-32200-6-F	XENA-4080-6-F
Swing over bed	Ø800 mm (Ø31.5")	Ø800 mm (Ø31.5")	Ø800 mm (Ø31.5")	Ø800 mm (Ø31.5")	Ø1 000 mm (Ø39")
Swing over cross slide	Ø510 mm (Ø20")	Ø510 mm (Ø20")	Ø510 mm (Ø20")	Ø510 mm (Ø20")	Ø710 mm (Ø28")
Swing over gap	Ø1 080 mm (Ø42.52")	Ø1 080 mm (Ø42.52")	Ø1 080 mm (Ø42.52")	Ø1 080 mm (Ø42.52")	Ø1 280 mm (Ø50.4")
Distance between centers	2 200 mm (86")	3 000 mm (118")	4 000 mm (157")	5 000 mm (197")	2 200 mm (86")
Cross slide travel (X-axis)	550 mm (22")	550 mm (22")	550 mm (22")	550 mm (22")	550 mm (22")
Dia of ball screw (X-axis)	Ø40 mm x P5 x C3	Ø40 mm x P5 x C3	Ø40 mm x P5 x C3	Ø40 mm x P5 x C3	Ø40 mm x P5 x C3
Longitudinal travel (Z-axis)	1 980 mm (78")	2 980 mm (118")	3 780 mm (149")	4 780 mm (188")	1 980 mm (78")
Dia of ball screw (Z-axis)	Ø63 mm x P10 x C5	Ø63 mm x P10 x C5	Ø63 mm x P10 x C5	Ø63 mm x P10 x C5	Ø63 mm x P10 x C5
Width of bed	560 mm (22") 3V = 1 flat	560 mm (22") 3V = 1 flat	560 mm (22") 3V = 1 flat	560 mm (22") 3V = 1 flat	560 mm (22") 3V = 1 flat
Spindle nose	A2-11	A2-11	A2-11	A2-11	A2-11
Spindle taper	N/A	N/A	N/A	N/A	N/A
Spindle bore	Ø155 mm (Ø6")	Ø155 mm (Ø6")	Ø155 mm (Ø6")	Ø155 mm (Ø6")	Ø155 mm (Ø6")
Spindle Motor Power	30 HP standard optional 40 HP	30 HP standard optional 40 HP	30 HP standard optional 40 HP	30 HP standard optional 40 HP	30 HP standard optional 40 HP
Spindle speed	6 to 800 RPM (4 range)	6 to 800 RPM (4 range)	6 to 800 RPM (4 range)	6 to 800 RPM (4 range)	6 to 800 RPM (4 range)
Quill diameter	Ø125 mm (Ø5")	Ø125 mm (Ø5")	Ø125 mm (Ø5")	Ø125 mm (Ø5")	Ø125 mm (Ø5")
Quill travel	275 mm (11")	275 mm (11")	275 mm (11")	275 mm (11")	275 mm (11")
Quill taper	MT #6	MT #6	MT #6	MT #6	MT #6
Floor space dimensions (LxWxH)	4 450 x 2 350 x 2 000 mm (175" x 93" x 79")	5 450 x 2 350 x 2 000 mm (215" x 93" x 79")	6 250 x 2 350 x 2 000 mm (246" x 93" x 79")	7 250 x 2 350 x 2 000 mm (285" x 93" x 79")	4 450 x 2 350 x 2 000 mm (175" x 93" x 79")
Electrical power source voltage	440 Vac, 3 PH	440 Vac, 3 PH	440 Vac, 3 PH	440 Vac, 3 PH	440 Vac, 3 PH
Net/Gross	7 200 Kg (15 840 lbs)	8 000 Kg (17 600 lbs)	8 800 Kg (19 360 lbs)	9 600 Kg (21 120 lbs)	7 200 Kg (15 840 lbs)
STANDARD ACCESSORIES INCLUDED					
Controller	TACHYON + FAGOR 8065i with 15" touchscreen display	TACHYON + FAGOR 8065i with 15" touchscreen display	TACHYON + FAGOR 8065i with 15" touchscreen display	TACHYON + FAGOR 8065i with 15" touchscreen display	TACHYON + FAGOR 8065i with 15" touchscreen display
Steady rest	•	•	•	•	•
Follow rest	•	•	•	•	•
3 jaw chuck	Not included	Not included	Not included	Not included	Not included
4 jaw self-centering chuck	Not included	Not included	Not included	Not included	Not included
Automatic lubrication	•	•	•	•	•
Tool post and tool holders	Quick change tool post, 2 faces DORIAN VICTORY 50TC c/w 6 tool holders	Quick change tool post, 2 faces DORIAN VICTORY 50TC c/w 6 tool holders	Quick change tool post, 2 faces DORIAN VICTORY 50TC c/w 6 tool holders	Quick change tool post, 2 faces DORIAN VICTORY 50TC c/w 6 tool holders	Quick change tool post, 2 faces DORIAN VICTORY 50TC c/w 6 tool holders
Closed or partial working envelope	Closed	Closed	Closed	Closed	Closed
Work light – standard	Fluorescent light fixture	Fluorescent light fixture	Fluorescent light fixture	Fluorescent light fixture	Fluorescent light fixture
TEAMVIEWER remote access	•	•	•	•	•
TACHYON + FAGOR bimode	•	•	•	•	•
Mobile operator interface	•	•	•	•	•
Coolant pump	•	•	•	•	•
Digital read out (DRO)	•	•	•	•	•
Large size wheel for manual movement	•	•	•	•	•
CSA Certified	•	•	•	•	•
Mechanical warranty	1 year	1 year	1 year	1 year	1 year
Controller warranty	2 years	2 years	2 years	2 years	2 years
Software updates	3 years	3 years	3 years	3 years	3 years
MAIN AVAILABLE OPTIONS					
Other manual turret – tool post	DORIAN, KLOPFNER, PARAT or other on request	DORIAN, KLOPFNER, PARAT or other on request	DORIAN, KLOPFNER, PARAT or other on request	DORIAN, KLOPFNER, PARAT or other on request	DORIAN, KLOPFNER, PARAT or other on request
Automatic horizontal turret	Hydraulic 4 positions	Hydraulic 4 positions	Hydraulic 4 positions	Hydraulic 4 positions	Hydraulic 4 positions
Automatic vertical turret	Hydraulic 8 positions	Hydraulic 8 positions	Hydraulic 8 positions	Hydraulic 8 positions	Hydraulic 8 positions
Headstock with different bore diameter	Ø10", A2-15, 4 to 400 RPM / Ø12", A2-20, 4 to 400 RPM / Ø15", A2-20, 4 to 300 RPM				
Portable pulse generator	Available on request	Available on request	Available on request	Available on request	Available on request
C-axis with live tool	VDI-40, motorized single position	VDI-40, motorized single position	VDI-40, motorized single position	VDI-40, motorized single position	VDI-40, motorized single position
Oversized tailstock	Available on request	Available on request	Available on request	Available on request	Available on request
Tailstock with rotating quill	Available on request	Available on request	Available on request	Available on request	Available on request
Oversized steady rest	Available on request	Available on request	Available on request	Available on request	Available on request
Fixed steady rest two contact points	Available on request	Available on request	Available on request	Available on request	Available on request
Drilling and boring attachment	Available on request	Available on request	Available on request	Available on request	Available on request
Additional LED lighting fixture	Available on request	Available on request	Available on request	Available on request	Available on request

• = Included

5080-6-F | 50120-6-F | 50240-6-F | 5080-6-F | 7080-6-F | 70120-6-F | 70240-6-F | 8080-6-F | 80120-6-F | 80240-6-F



* Specifications subject to change without notice

	XENA-5080-6-F	XENA-50120-6-F	XENA-50240-6-F	XENA-7080-6-F
Swing over bed	Ø1 250 mm (Ø49.21")	Ø1 250 mm (Ø49.21")	Ø1 250 mm (Ø49.21")	Ø1 750 mm (Ø68.90")
Swing over cross slide	Ø890 mm (Ø35")	Ø890 mm (Ø35")	Ø890 mm (Ø35")	Ø1 390 mm (Ø54.72")
Swing over gap	Ø1 750 mm (Ø68.90")	Ø1 750 mm (Ø68.90")	1 750 mm (Ø68.90")	Ø2 250 mm (Ø88.58")
Distance between centers	2 000 mm (79")	3 000 mm (118")	6 000 mm (236")	2 000 mm (79")
Cross slide travel (X-axis)	750 mm (29.53")	750 mm (29.53")	750 mm (29.53")	750 mm (29.53")
Dia of ball screw (X-axis)	Ø40 mm x P5 x C3	Ø40 mm x P5 x C3	Ø40 mm x P5 x C3	Ø40 mm x P5 x C3
Longitudinal travel (Z-axis)	2 000 mm (79")	3 000 mm (118")	6 000 mm (236")	2 000 mm (79")
Dia of ball screw (Z-axis)	Ø63 mm x P10 x C5 / 80 mm x P12 x C5	Ø63 mm x P10 x C5 / 80 mm x P12 x C5	Ø63 mm x P10 x C5 / 80 mm x P12 x C5	Ø63 mm x P10 x C5 / 80 mm x P12 x C5
Width of bed	820 mm (32") 3V + 1 flat	820 mm (32") 3V + 1 flat	820 mm (32") 3V + 1 flat	820 mm (32") 3V + 1 flat
Spindle nose	A2-11	A2-11	A2-11	A2-11
Spindle taper	N/A	N/A	N/A	N/A
Spindle bore	Ø155 mm (Ø6")	Ø155 mm (Ø6")	Ø155 mm (Ø6")	Ø155 mm (Ø6")
Spindle Motor Power	40 HP standard optional 50 HP	40 HP standard optional 50 HP	40 HP standard optional 50 HP	40 HP standard optional 50 HP
Spindle speed	4 to 600 RPM (4 range)	4 to 600 RPM (4 range)	4 to 600 RPM (4 range)	4 to 600 RPM (4 range)
Quill diameter	Ø200 mm (Ø7.87") rotation Ø295 mm (Ø11.61")	Ø200 mm (Ø7.87") rotation Ø295 mm (Ø11.61")	Ø200 mm (Ø7.87") rotation Ø295 mm (Ø11.61")	Ø200 mm (Ø7.87") rotation Ø295 mm (Ø11.61")
Quill travel	300 mm (11.81")	300 mm (11.81")	300 mm (11.81")	300 mm (11.81")
Quill taper	MT #6	MT #6	MT #6	MT #6
Floor space dimensions (LxWxH)	5 000 x 2 500 x 2 400 mm (197" x 98" x 95")	6 000 x 2 500 x 2 400 mm (236" x 98" x 95")	9 000 x 2 500 x 2 400 mm (354" x 98" x 95")	5 000 x 2 500 x 2 400 mm (197" x 98" x 95")
Electrical power source voltage	440 Vac, 3 PH	440 Vac, 3 PH	440 Vac, 3 PH	440 Vac, 3 PH
Net/Gross	9 000 Kg (19 800 lbs)	10 000 Kg (22 000 lbs)	13 000 Kg (28 600 lbs)	10 430 Kg (22 950 lbs)
STANDARD ACCESSORIES INCLUDED				
Controller	TACHYON + FAGOR 8065i with 15" touchscreen color display	TACHYON + FAGOR 8065i with 15" touchscreen color display	TACHYON + FAGOR 8065i with 15" touchscreen color display	TACHYON + FAGOR 8065i with 15" touchscreen color display
Steady rest	•	•	•	•
Follow rest	•	•	•	•
3 jaw chuck	Not included	Not included	Not included	Not included
4 jaw self-centering chuck	Not included	Not included	Not included	Not included
Automatic lubrication	•	•	•	•
Tool post and tool holders	Quick change tool post, 2 faces DORIAN VICTORY 50TC c/w 6 tool holders	Quick change tool post, 2 faces DORIAN VICTORY 50TC c/w 6 tool holders	Quick change tool post, 2 faces DORIAN VICTORY 50TC c/w 6 tool holders	Quick change tool post, 2 faces DORIAN VICTORY 50TC c/w 6 tool holders
Closed or partial working envelope	Closed	Closed	Closed	Closed
Work light – standard	Fluorescent light fixture	Fluorescent light fixture	Fluorescent light fixture	Fluorescent light fixture
TEAMVIEWER remote access	•	•	•	•
TACHYON + FAGOR bimode	•	•	•	•
Mobile operator interface	•	•	•	•
Coolant pump	•	•	•	•
Digital read out (DRO)	•	•	•	•
Large size wheel for manual movement	•	•	•	•
CSA Certified	•	•	•	•
Mechanical warranty	1 year	1 year	1 year	1 year
Controller warranty	2 years	2 years	2 years	2 years
Software updates	3 years	3 years	3 years	3 years
MAIN AVAILABLE OPTIONS				
Other manual turret – tool post	DORIAN, KLOPFNER, PARAT or other on request	DORIAN, KLOPFNER, PARAT or other on request	DORIAN, KLOPFNER, PARAT or other on request	DORIAN, KLOPFNER, PARAT or other on request
Automatic horizontal turret	Hydraulic 4 positions	Hydraulic 4 positions	Hydraulic 4 positions	Hydraulic 4 positions
Automatic vertical turret	Hydraulic 8 positions	Hydraulic 8 positions	Hydraulic 8 positions	Hydraulic 8 positions
Headstock with different bore diameter				Ø10", A2-15, 4 to 400 RPM /
Portable pulse generator	Available on request	Available on request	Available on request	Available on request
C-axis with live tool	VDI-40, motorized single position	VDI-40, motorized single position	VDI-40, motorized single position	VDI-40, motorized single position
Oversized tailstock	Available on request	Available on request	Available on request	Available on request
Tailstock with rotating quill	Available on request	Available on request	Available on request	Available on request
Oversized steady rest	Available on request	Available on request	Available on request	Available on request
Fixed steady rest two contact points	Available on request	Available on request	Available on request	Available on request
Drilling and boring attachment	Available on request	Available on request	Available on request	Available on request
Additional LED lighting fixture	Available on request	Available on request	Available on request	Available on request

• = Included



WHY YOU SHOULD CHOOSE TO USE A XENA CONVENTIONAL ASSISTED CONTROL LATHE, MILLING OR HORIZONTAL BORING MACHINE?

- Any XENA machine can always be used in a fully manual mode (2, 3 or 4 joystick controls + digital readout and hand wheel or handheld pulse generator).
- Thanks to its TACHYON controller with its conventional assisted control machining method to easily, quickly and safely machine numerous geometries that were previously impossible to manually achieve. In addition to its ease of use, this method also requires less technical skill, concentration and dexterity from the machinist resulting in reducing the risk of error related to fatigue or lack of attention.
- Learning how to use Xena machine with the TACHYON mode requires approximately 4 hours for training and, to use the equipment in this mode it will not be required for the machinist to have any CNC experience.
- At the touch of the swap mode button, the same equipment can then be used in a more numerical mode called "FAGOR MODE" to easily perform CNC machining with conversational canned cycle programming or international "G" code (on screen or via CAD-CAM software).

XENA therefore offers the best of both worlds in the same equipment:



- The ease of use of a conventional machining equipment to efficiently produce single parts, in a manual way, no matter they are having simple or complex geometry.
- The possibility to machine parts with more complex geometry or to achieve the production of small batches of parts using the full numerical control mode.

XENA
WILL NEVER BE
PROMOTED AS THE LOWEST
PRICE EQUIPEMENT,

**BUT IT IS THE
MOST PRODUCTIVE,
THE MOST SAFE AND
THE MOST EASY
TO USE.**

IN ADDITION TO
ALL THE BENEFITS
PREVIOUSLY
MENTIONED, THE **xena**
LATHES ARE BUILT IN CANADA,
WITH MORE THAN 60%
NORTH AMERICAN ADDED VALUE.



**MADE IN CANADA
WITH LOCAL & FOREIGN
IMPORTED COMPONENTS**