



TORREDA®

Select your lathe from
**14 MODELS &
72 VERSIONS**

WE HAVE THE RIGHT LATHE FOR YOU

**The Highest technology, together
with the best quality and excellent
productivity**



Some details



What is Etching?



The new control box, separate from the machine, to isolate any possible vibration and with all the control right where you want.

We can do Pause at any time without any mark on the turned part, even on twisting or fluting.

The 12.1" Colour TFT screen, with the Alphacam® specially developed software, offers an extremely easy to use graphic interface, as well a High speeds of movement as 45 m/min.

This new technology, permits to create pieces, with turning, fluting and twisting without having to remove the piece, all made in automatic cycle without any external help. and all by and easy an intuitive software.

* Available, in 1000, 1400, 1600, 1800 or 2000 mm between centers.

PALPATOR CNC 3, 4 or 5 Axes

Fully automatic CNC with automatic Centering device, 2 CNC servo copy's and 2 Hydraulic double speed turrets.

Special designed, Heavy duty frame to assure perfect stability and keep any vibration.

The High technology used on this lathe, permits to create for first time etching, twisting fluting and milling without stop and with automatic loading.

Fully independent copiers, where you decide what to do in every step on each copy with unlimited steps.



Micrometric Manual control for an easy setup an absolut control over the copy's, carriage or the spindle.

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WOODWORKING MACHINERY
TOURS ET MACHINES A BOIS
DREHBANKE FÜR HOLZ
TORNIS PER LA FUSTA

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BRIEF DESCRIPTION

The new **PALPATOR CNC** is offered with 3 different versions and 5 different lengths between canters, as well a long list of options that permits to create a custom and ideal machine for any need, from the smallest piece to columns with the max. length of the machine. In addition there is as well a COLUMNS version of the PALPATOR, with sizes from 2.5m to 5.0 m. between centers.

3 Versions: 3 Axis, carriage and 2 copy's CNC. Spindle by Inverter. **4 Axis**: Carriage, 2 copy's and spindle CNC. **5 Axis**: Carriage, 3 copy's and Spindle by CNC.

This is one of the most known lathes on the market, was the fist machine to introduce the Hydraulic tracers, and has been always one step further using the best technology available at every moment, today updated with a fully capable CNC control, can offer the best accuracy and probably it's one of the power fullest CNC on the market.

ESPECIFICACIONES TÉCNICAS

Tipo de trabajo	TWISTING, FLUTTING, TURNING, ETCHING, FRONT WORK
Distancias entre centros	1000 - 1400 - 1600- 1800 - 2000
Diametro máximo de torneado sin luneta	Ø 300 mm / 11.8 "
Diametro máximo con luneta	Ø 160 mm. / 6.3 "
Numero de copiadores Servo CNC (<i>max, opcional</i>)	2 (3)
Recorrido o carrera de los Servo copiadores CNC	150 mm. / 5.9 "
Motor Cabezal (Version 3 ejes, con variador de potencia)	9 Hp
Motor Bomba hidraulico	3 Hp
Centrador automático de piezas automático, neumático	1
Puertas de proteccion grande con doble guia lineal.	2
Fully automatic Double speed Tailstock with sensors of pressure and	1
Adjustable mechanically pressure on the tailstock	1
Carriage Servo motor power, carriage with ball screw	6 Hp
High speed 3Ph router at 18.000 rpm. With inverter	2 Hp
12.1" TFT full colour screen (Windows XP)	1
Alphacam package, with etching capability and electronic Key	1
Hydraulic single saddle speed	
Max, working or back speed	30 m /min.
Adjustable counter point speed (Front/Back or Both)	Both
Stroke cylinder counterpoint	75 mm.
Rotatory point with interchangeable counter - points	2
Dust extraction outlet - Ø100 mm.	1

SISTEMA DE ENTALLAS



The Etching capability, is the possibility to have total control Over the Spindle Axes controlled by CNC and Servo motor That together with the Alphacad® permits to create any 2D drawing over the surface of the piece or the turning, as it can be a Brand name, a butterfly drawing, or any other 2D drawing over the 360° Round.

OVERALL DIMENSIONS AND WEIGHT

Model	1000	1400	1600	1800	2000
Net weight	2025 Kg.	2275 Kg.	2400 Kg.	2525 Kg.	2650 Kg.
Gross weight	2125 Kg.	2380 Kg.	2520 Kg.	2650 Kg.	2780 Kg.
Dimensions sea case					
Width x Height	1800 x 1800 mm.				
Length	2600 mm.	3200 mm.	3400 mm.	3600 mm.	3800 mm.
Volume	8.4 m ³	10.3 m ³	11 m ³	11.66 m ³	12.3 m ³

AVAILABLE OPTIONS*

Router with Elec. Connection on 2nd copier - 2 KW	Adjustable Square Steady 35 - 65 mm
Milling unit @ 9000 rpm 2.0 Kw	Adjustable Square Steady 65 - 100 mm
Sanding system over copier	Modify Lathe to turn Ø400mm of diameter
Stabilizer of the Turrets - 3 wheels	Semi-Automatic Tenoning Turrets - hydraulic
Stabilizer over the Turrets - butterfly	Automatic Tenoning Turret - hydraulic programmable
Steady Rest - 90 mm	Hydraulic plate - 3 jaw (for frontal turning)
Steady Rest Bushings 160 mm	Universal plate - 4 jaw (for frontal turning)
Steady Rest Bushings 90 mm	Spare "V" Gouge in TT
120 mm. stroke copy's for big diameter. HIDRO-120	Spare "V" Gouge in HSS
Steady for turning of curved parts	TCS/LCD screen with RPM, Oil Temp, Alarms, etc.

*Please contact your nearest dealer, or call us to know the delivery time and price on each part.

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