

# High accuracy · High productivity · Energy saving

—Compilation of NC linear turret lathes—

Highly accurate linear turret complex machining lathe

**SANFLEX-8** New

Highly accurate linear turret NC lathe for the next generation

**NUCLET-10vv** New

NC roulette lathe

**RGS-200** New

Ultra compact auto lathe with non-traveling spindle head

**SANATURN-6B**

Back oriented 2 spindle NC lathe

**B-ART-100**

Multi-facial 5 axes small machining center

**E-32v LC**



An example of PALLET SYSTEM consisting of PTC-25/PTT-8/ABC tool selection.

## 『PALLET SYSTEM』

For the best machining, the best combination of tools and machining condition are essential.

With complex machining, there often comes limitation of tools caused by the specifications of the machine. EGURO, oriented and pursuing Linear turret tooling, has newly prepared various units. The customers can enjoy the best machining by selecting and setting them on the slide.

～Just same as painting beautiful pictures by choosing oil colors from the pallet and putting them on the canvas.～

# SANFLEX-8

Highly accurate linear turret  
complex machining lathe



Highly accurate linear turret complex machining lathe, with machining area widened by Y axis control of the spindle head

- With the PALLET SYSTEM, the machine can specially apply to individual workpiece.



Linear turret complex machining lathe, with simultaneous control of 3 axes, 2 (X-Z of slides) + 1 (Y of spindle head). Unit Build Machine, to be completed together with multi-tool honeycomb tool rest, rotary unit, grinding unit and so on, has been developed.

Other features are spindle built-in motor and machine symmetric construction being free from heat distortion.

## Machine standard specifications

Capacity	φ60 x 80(mm)
Spindle speed	Max. 6,000 (min-1)
Spindle nose	φ75 flat
Slide travel	X axis: 300 Y axis: 200 Z axis: 250 (mm)
Slide rapid traverse	X axis: 25 Y axis: 8 Z axis: 20 (m/min.)
Slide	Linear turret
Floor space	2,070 x 1,645 (mm)
Weight	3,000 (kg)

# NUCLET-10VV

Highly accurate linear turret  
NC lathe for the next generation



Machine for the next generation  
with high accuracy and energy saving

- Newly developed 60° VV slide



Machine for the next generation, amicable to the operators and environment has been developed. Machine features are energy saving soft for the spindle (patent pending), PTT-8 small 8 station turret for many tools, PTC-25 chip breaking device eliminating necessity of air blow and ABC tooling, etc.

## Machine standard specifications

Swing over bed	350(mm)
Spindle speed	Max. 5,000 (min-1)
Spindle nose	φ100 flat
Slide travel	X axis: 260 Z axis: 250 (mm)
Slide rapid traverse	X axis: 15 Z axis: 10 (m/min.)
Number of tools	varies per workpiece
Floor space	1,917 x 1,270 (mm)
Weight	1,200 (kg)

# RGS-200

NC rouletting lathe



Lathe for fine finish rouletting (knurling) and turning



- For machining roulettes(knurls), gears, slots

For the spindle, synchronous built-in motor is adopted and the index is  $0,001^\circ$  Step indexing or random indexing is easily available.

With the basic function of turning, the process like face and outer diameter turning then rouletting will bring fine finish rouletting. Burr can be removed by turning.

Patterns of straight, cross, taper and pyramid, etc. can be machined with high accuracy.

RGS-200 is all-round machine in rouletting (knurling).

Machine standard specifications

Max. machining diameter	$\phi 100$ (mm)
Max rouletting (knurling) length	75 (mm)
Spindle speed	Max. 3,000 (min <sup>-1</sup> )
Spindle nose	$\phi 100$ flat
Slide travel	X axis: 360 Z axis: 150 (mm)
Slide rapid traverse	X axis: 10 Z axis: 30 (m/min.)
Floor space	1,350 x 1,060 (mm)

# SANATURN-6B

Ultra compact auto lathe with non-traveling spindle head



Fully automatic machining of minute parts from bar



- All in one type ultra compact auto lathe with non-traveling spindle head

Ultra compact fully automatic complex machining lathe with 3 axes control, face to face 2 spindles, cut off slide of independent move, short barfeeder combined with the machine.

The remaining of the bar from the turning by the automatic lathe can be turned with this machine.

The machine meets energy saving.

Machine standard specifications

Capacity	$\phi 10 \times 120$ (mm) (In machining with chuck)
Spindle speed	Max. 12,000 (min <sup>-1</sup> )
Synchronous spindle speed	Max. 5,000 (min <sup>-1</sup> )
Slide travel	Xaxis:40 Yaxis:100 Zaxis:150 Aaxis:110(mm)
Slide rapid traverse	Xaxis:8 Yaxis:8 Zaxis:15 Aaxis:5(m/min.)
Slide	Linear turret (Vertical and horizontal)
Floor space	1,730 x 1,005 (mm)
Weight	980 (kg)

# B-ART-100

Back Oriented 2 Spindle Lathe



Developed for turning of forged or headed parts  
Revolutional machine for chuck work



※The photo is exhibition cover

- Newly developed spindle head stock with thickness 100mm only (PAT.P)

Workpieces with flange in the middle or in the back are chucked from the back of the spindle.

The tip ends of forged or headed workpieces can be turned efficiently and lengthwise exactly.

- 2 spindles for high productivity

the two spindles overlap the loading and unloading of one spindle and the turning of the other.

This will much contribute to the shortening the cycle time.

#### Machine standard specifications

Capacity	dia.20(mm)
Spindle speed	Max. 6,000 (min-1)
Collet	Regofix ER32
Slide stroke	X axis: 200 Z axis: 150 (mm)
Slide rapid traverse	X axis: 12 Z axis: 12 (m/min)
Slide	Linear turret
Floor space	1,499 x 800 (mm)
Weight	900 (kgs.)

# E-32v LC

Multi-Faces Small Machining Center



“New trend of E-32v, the best seller 5 axes machining center”



- Realization of low price keeping its features of high precision and easy operation

For the purpose to spread the 5 axes in workpieces machining, E-32v LC is specialized to simultaneous 4 axes plus one axis of index, by which low price was realized.

High precision and easiness of operation is same as E-32v.

E-32v LC is the best entry 5 axes machining center for the customers newly using 5 axes.

#### Machine standard specifications

Working area on the table	250 x 250 (mm)
Weight of workpiece	Max. 50 (kgs.)
Spindle speed	Max.15,000 (min-1)
Spindle nose	7/24 taper, BT30
Slide stroke	X axis: 300 Y axis: 200 Z axis: 220(mm.)
Slide rapid traverse	X axis: 15 Y axis: 15 Z axis: 12(m/min.)
Floor space	1,500 x 2,000 (mm)
Weight	2,750 (kg)



**EGURO LTD.**

Head Office,Factory

8-14,Okura machi, Okaya, Nagano-Pref.,394-0043 Japan

Phone (0266)22-8060 Facsimile(0266)24-0167

WebSite URL <http://www.eguro.co.jp>