

E-32v DX

Simultaneous 5 axes
small machining center

Appearance of constant spindle speed 20,000 min⁻¹ in the simultaneous 5 axes machining center Planet Center-Series



● Constant spindle speed 20,000 min⁻¹

A new type of constant spindle speed 20,000 min⁻¹ is appeared in the simultaneous 5 axes machining center, which is quite compact and featured by the structure that the spindle head, saddle, cross slide, etc. are all symmetrical against the table center, right and left, front and back, by which the machine is free from heat distortion.

Machine specifications

Working area on the table	250×250 (mm)
Spindle speed	Constant 20,000 (min ⁻¹)
Vertical spindle travel	X axis : 300 Y axis : 200 Z axis : 220 (mm)
Table tilting, turning	A axis : 0~95° C axis : ±360° (deg)
Magazine capacity	24 (tools)
Spindle nose	7/24 Taper No. 30

『Automation cell ~ Evolution of automation or man-saving ~』

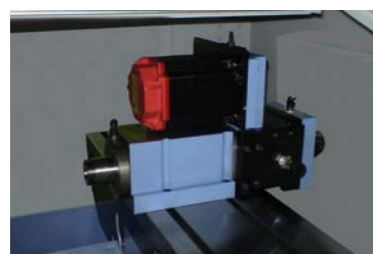
『PALLET SYSTEM』

Various unit groups

● Eguro, oriented and pursuing linear (gang) turret, realizes the best for the customers by selecting and mounting the newest units on the slide.



Chip cutting device
『PTC-25』



Sub spindle



Spherical surface
turning unit



8 station turret
『PTT-8』

Other units than the above are prepared.

Please contact us. Our pleasure to propose the best to the customers.

SANATURN-6B

Ultra compact auto lathe with non-traveling spindle head

NUCROBO-101

Robot Integrated machine unmanned cell

NUCBOY-8LL

Loader less loader unmanned cell

SBS-100F

Short bar both ends simultaneous turning lathe

E-32v DX

Multi-face precision machining center



2014年10月30日(木) ~ 11月4日(火)

NUCBOY-8LL

Loaderless loader
unmanned cell



Automation cell with supply and collection devices mounted on the slide

- Very simple loader system automation cell

Machine based on the standard NC lathe NUCBOY-8EX.
Various application of tool set up best suited for individual work with the supply and collection devices mounted on the slide.
Simple construction of gang turret realizes it.



Machine specifications

Capacity of turning	Max $\phi 50 \times 50$ (mm)
Spindle speed	Max. 4,000 (min^{-1})
Slide travel	X axis : 230 Z axis : 200 (mm)
Slide rapid traverse	X axis : 15 Z axis : 15 (m/min)
Floor space	1,000 \times 1,100 (mm)
Weight	680 (kg)

SANATURN-6B

Ultra compact auto
lathe with non-travel
spindle head



Unmanned cell, machining pincette size small works

- Unmanned cell with short length bar feeder SMS-400W

Short length bar feeder SMS-400W is prepared as a standard equipment.

Facing 2 spindles machine the front and the back of pincette size small works continuously, chucking and unchucking of which is difficult by hand.



Machine specifications

Capacity of turning	Max $\phi 15 \times 120$ (mm in bar work)
Main spindle speed	Max. 12,000 (min^{-1})
Main and sub spindles simultaneous rotation	Max. 5,000 (min^{-1})
Slide travel	X axis : 50 Y axis : 100 Z axis : 200 A axis : 150 (mm)
Floor space	1,730 \times 1,005 (mm)
Weight	980 (kg)

NUCROBO-101

Robot integrated machine
unmanned cell



Robot integrated machine of unmanned cell based on the standard CNC lathe NUCLET-10EL

- Unmanned cell with multi-joint robot
- Multi-joint robot (6 axes) is mounted on the standard CNC lathe NUCLET-10EL.
Supply and collection devices to meet individual work are prepared for hours of auto operation.
Pallet system is also available as an option.



Machine specifications

Capacity of turning	Max $\phi 80 \times 50$ (mm)
Spindle speed	Max. 5,000 (min^{-1})
Slide travel	X axis : 260 Z axis : 300 (mm)
Slide rapid traverse	X axis : 15 Z axis : 15 (m/min)
Floor space	1,675 \times 1,500 (mm)
Weight	1,200 (kg)

SBS-100F

Short bar both ends
simultaneous turning lathe



Newly developed spindle turns the both ends of short bar
Unmanned cell with simple loader using the slide

- Debut of a new spindle for short length works.
- [FU-70] Spindle for short shafts or pipes is newly developed.
Turning up to the spindle speed 5,000 min^{-1} can be done.
Supply and collection units can be mounted on the slide, availing the merit of three axes slide control, which builds simple loader system.



Machine specifications

Capacity of turning	$\phi 6 \sim \phi 15 \times 100 \sim 160$ (mm)
Spindle speed	Max. 5,000 (min^{-1})
Slide travel	X axis : 80 Y axis : 150 Z axis : 150 (mm)
Slide rapid traverse	X axis : 8 Y axis : 10 Z axis : 15 (m/min)
Floor space	1,730 \times 1,100 (mm)
Weight	1,250 (kg)