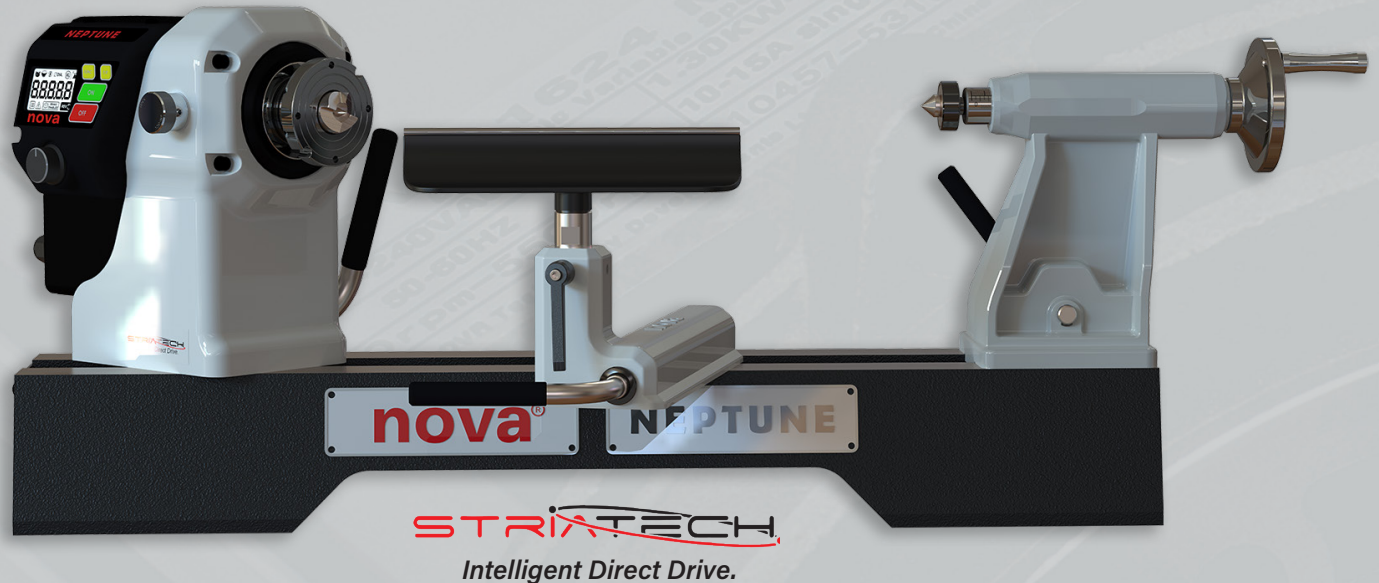


NEPTUNE

The *Only* Lathe You'll Ever Need!



The **NOVA NEPTUNE** incorporates all of the advanced technology, performance, and versatility present in our full-size Striatech Intelligent Drive, NOVA DVR Lathes!

The **NEPTUNE** features a Striatech Intelligent Direct Drive motor, eliminating the need for belt and pulley changes. Despite this, it provides smooth, high-torque power across an incredible speed range with a simple twist of a dial. It boasts a unique set of computer-controlled features not found on any other comparable lathe.

- Large 15" inboard turning diameter and a capable 18" between centers
- Powerful Direct Drive 1.5 HP Motor (110/220V, with 110V as standard)
- Seamless speed selection, ranging from 100 to 4000 RPM, easily adjustable with a twist of a dial

- 360-degree pivoting and sliding head
- Outboard turning capability
- Programmable favorite speeds, easy to set and change on-screen
- Electronic braking for rapid stops
- Great safety and security features



*Best in the industry Warranty: 10 year motor/
5 year electronics and mechanical*

Delivering Expert Results at an Entry Level Price

SKU: **55700** - USA & Canada



nova[®]
Smart Tools, Powerful Solutions

Intelligent Direct Drive & Computer Control

Using intelligent, direct drive motor technology from Striatech, the 1.5 HP **NEPTUNE** provides constant speed under load and a wide array of computer-controlled programmable features that are simply not available on any other competitive lathe.

360 degree pivoting and sliding head!



FEATURES:

Smart Direct Drive: The lathe spindle is the rotor of **NEPTUNE's** smart, digital direct drive motor from Striatech. With 1.5 HP, the **NEPTUNE** series provides high torque and smooth power throughout its 100 RPM to 4000 RPM range with no transmission power loss. Seamless and infinite speed adjustments without the inconvenience of changing belts and pulleys.

Intelligent Computer Control: With the machine reading the position of the spindle thousands of times per second, **NEPTUNE'S** CPU will increase or decrease power to maintain the exact RPM you choose. From roughing to shaping to finishing, a constant RPM makes turning a joy, giving you the best consistent results.

World Class Safety Features: Only **NOVA DVR** products can be programmed for ultimate safety, including **Electronic Braking** that will bring your workpiece to a halt in seconds. An **Electronic Lockout** prevents unauthorized individuals from using the machine.

Swiveling, Sliding Headstock: The 360° swiveling headstock locks at any position and includes locating pin detents at -90°, -45°, -22.5°, 0°, 22.5°, 45°, and 90°. The head of **NEPTUNE** slides between the full length of the bed.

Customizable Speed Settings: With four (4) customizable speed settings, you can quickly and gradually increase or decrease the speed based on your project's requirements. You can reprogram them again within seconds for the next project or set them for basic rough, shaping, fine detail, and finishing steps based on your experience.

Smart Speed Ramp Settings: By selecting the Rough or Fine functions and specifying the diameter of your workpiece, **NEPTUNE** will ramp up your RPM to a safe speed for the material you're turning. There's even an unbalanced or large load (XL) setting, allowing the machine to safely bring the project to a steady and even speed.



The Only Lathe You'll Ever Need!

Neptune at a Glance:

- 1.5 HP, intelligent direct drive motor from Striatech, which provides a speed range of 100 RPM to 4000 RPM, ensuring constant speed under load and a 50 RPM slow drying mode
- 15" diameter swing inboard
- 18" between centers
- Headstock swivels 360-degrees and slides along the full bed length
- 4 favorite programmable speed settings
- 24 Position Digital on Screen Indexing
- Coarse, or fine speed adjustment over the entire speed range, allowing you to quickly change your speed in steps of 5 or 50 RPM with a simple twist of the dial
- Large screen display with icon-based menu control
- Electronic braking for rapid stops
- Easy-to-read speed chart menu
- Self-ejecting tailstock with a 2MT quill taper and a quill travel of 4"
- No transmission power lost through belts and pulleys

NEPTUNE's unparalleled smart motor technology from Striatech has an easy-to-use software driven controller and provides the ultimate in smooth performance, intelligent control, and power under load.

STRIATECH.
Intelligent Direct Drive.



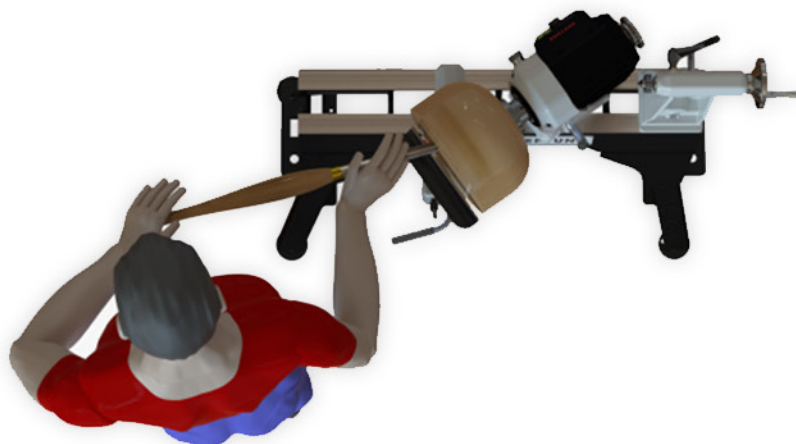
nova[®]
Smart Tools, Powerful Solutions



The NOVA NEPTUNE series provides woodturners with remarkable versatility, offering a dynamic and user-friendly experience. The key feature lies in its ability to adjust the headstock in a highly versatile manner, catering to the needs of both left-handed and right-handed individuals. This ensures that each turner can approach their projects from the optimal angle, promoting comfort and efficiency.

With a full sliding headstock that spans the entire bed of the lathe and a 360° rotating headstock, the NEPTUNE series provides endless configurations for woodturners to find their unique style.

NEPTUNE'S Versatility!



This design allows for a wide range of setups, accommodating various turning scenarios and techniques!

NEPTUNE Benchtop Lathe

Specifications	Imperial
Turning Diameter	15"
Distance Between Centers	18"
Overall Size	33" (L) x 16.7" (W) x 15" (H)
Package Size	35" (L) x 19" (W) x 17" (H)
Net Weight	125 lb ± 4.4 lb
Gross Weight	143 lb ± 4.4 lb
Headstock	
Spindle Thread	1 1/4" x 8TPI RH
Headstock Spindle Taper	Morse Taper #2 (2MT)
Headstock Swivel	360° detents at: -90°, -45°, -22.5°, 0°, 22.5°, 45°, & 90°
Headstock Slide-able	Sliding Headstock
Spindle Index Lock	24 divisions (15 degrees apart)
Tailstock	
Quill Taper	Morse Taper #2 (2MT)
Quill Travel	4"
Hole Through Tailstock	0.40"
Toolrest	
Length	9"
Shaft Diameter	1"
Motor Specifications	
Motor Type	DVR Direct Drive Smart Motor
Motor Speed Range	50 RPM - 4000 RPM
Input Frequency	60Hz
Motor Power Output	1.1KW (1.5HP)
Input Voltage	110/220V (110V Standard)
Input Current	10A (maximum)

ADDITIONAL ACCESSORIES ARE AVAILABLE:

SKU: 55266 - Outrigger

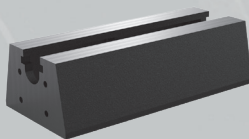
Turn workpieces up to 20" diameter
(Stand recommended for use)



Contact Support
129-03-2304

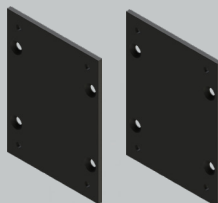
SKU: 55265 - 16" Bed Extension

Giving you an amazing 34" between centers



SKU: 55267 - Mounting Plates

Designed to Secure the lathe to a workbench



SPINDLE ACCESSORY

SKU: 9085 - 1.25" to 1" 8 TPI



SKU: 55264 - Stand

Vibration Free adjustable stand



Best in the industry Warranty:
10 year motor/5 year electronics
and mechanical

There are no brushes to wear out and few moving parts for a lifetime of trouble-free motor performance.

Standard Equipment:

- 9" Toolrest
- 3" Face Plate
- Acruline 2MT Centre
- Knock Out Bar
- 2MT Live Center
- 2MT Spur Center
- USB A-A Cable
- Manual & Hardware
- Spanner Wrench

nova®



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