

# VERO-S Technology

## NSE3 138

- **Zero-point precision**  
Repeatability < 0.005mm (0.0002") – indicate your workholding only once
- **Maximum rigidity**  
Patented dual stroke system, for highest pull-down forces
- **Zero-maintenance**  
Completely sealed & stainless steel construction



## NSL3 Clamping Stations:

- **In-stock**  
Quick-change pallet systems ready to mount to your machine table
- **Spring-clamp, air-release**  
For easy actuation, and hose-free connection
- **Standard-pitch pattern**  
Compatible with complete SCHUNK toolbox

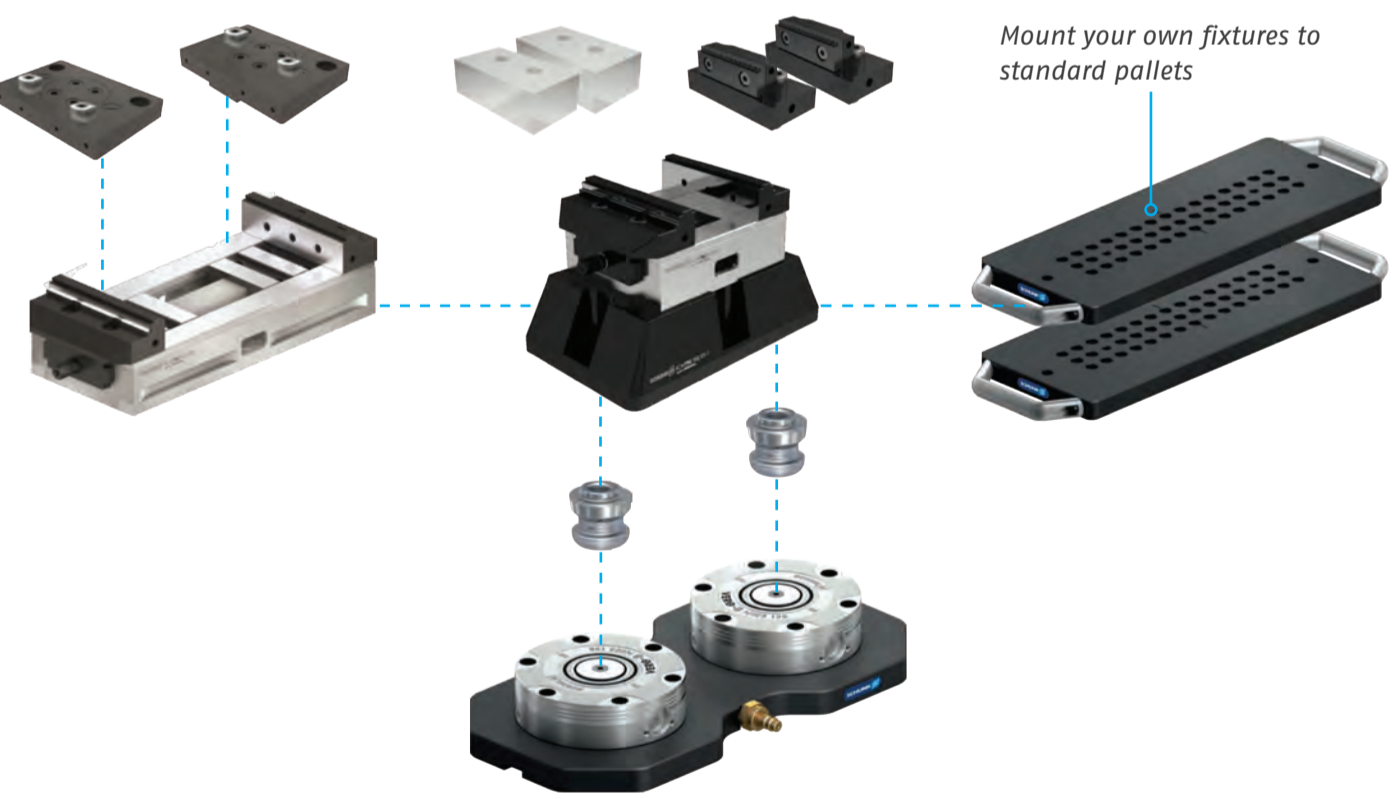


## Custom-fit Clamping Stations:

- **Suitable for turning centers**  
Excellent option for mill-turns & VTLs
- **No machine too large**  
SCHUNK has experience in providing solutions in all sizes & types... 30 meters, no problem!
- **Application engineers**  
Standing by in North Carolina to help design a customer solution for your machine(s)



## Sample package for a 5-axis machine



Manufacturing engineers and machinists all over the U.S. are achieving faster production and increased flexibility, while putting extra cash on the bottom-line with the VERO-S system.

With a VERO-S starter package, your initial investment can range from \$4k – \$25k which would include the NSL clamping station and additional vises, plates or accessories of your choice – you can have it on your machine, cutting chips immediately.


Some project engineers and shop owners may even invest up to 6-7 figures for a system consisting of clamping stations, custom pallets, engineering support, and installation assistance in order to keep up with the production demands of their own customers. On these large investments, many shop owners report returns in less than one year. **Imagine a \$500k investment paying for itself in less than a year – every year after that is an additional \$500k on the bottom line.**



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# VERO-S

## The modular, quick-change pallet system

**Number of Axes? It doesn't matter.**  
VERO-S NSE3 with KONTEC



**Single or multiple? You decide!**  
VERO-S module height extension and KONTEC



**Malfunctions due to contamination? Easily avoidable.**  
VERO-S NSE3 with cone seal and KONTEC



**Optional cone seal**  
For protecting the change position from coolant, dust, and chips.  
All quick-change pallet modules from the N5.3 generation are equipped for integrating a cone seal by default. The standard plug can easily be replaced by a cone seal at a later date.

**Hydraulic clamping device**  
VERO-S NSE3 with TANDEM



**Pneumatic clamping device**  
VERO-S NSE3 with ROTA-S plus



**And not to mention in automated machine tooling**  
VERO-S NSA and robot coupling NSR



**Manual clamping device**  
VERO-S NSE3 with KONTEC

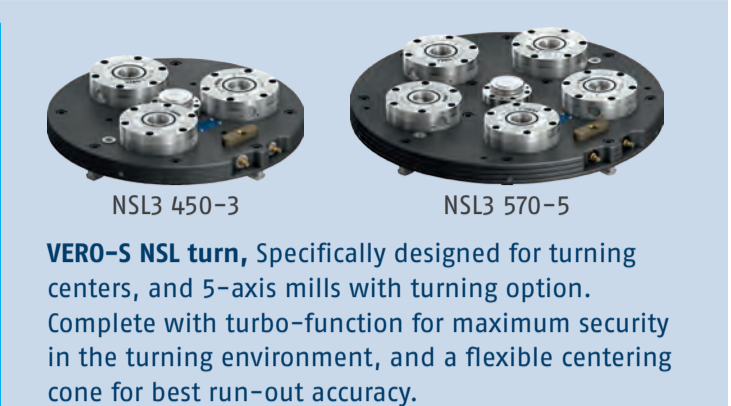
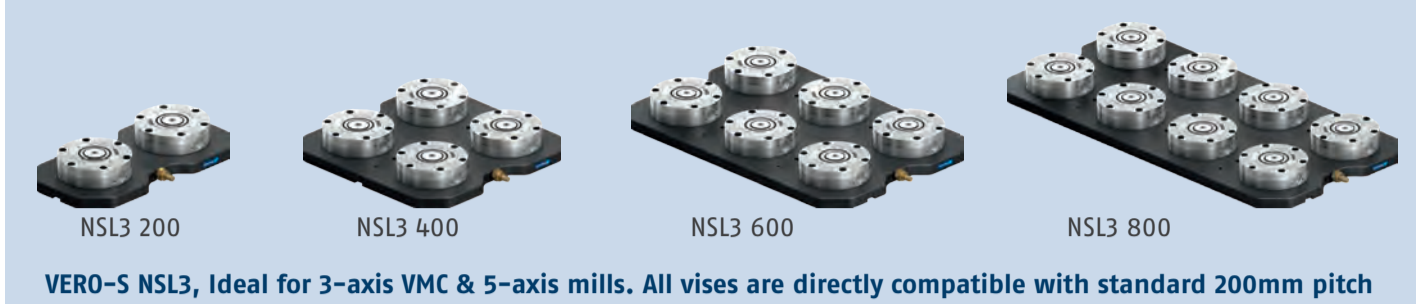


**Electropermanent technology**  
VERO-S NSE3 with MAGNOS

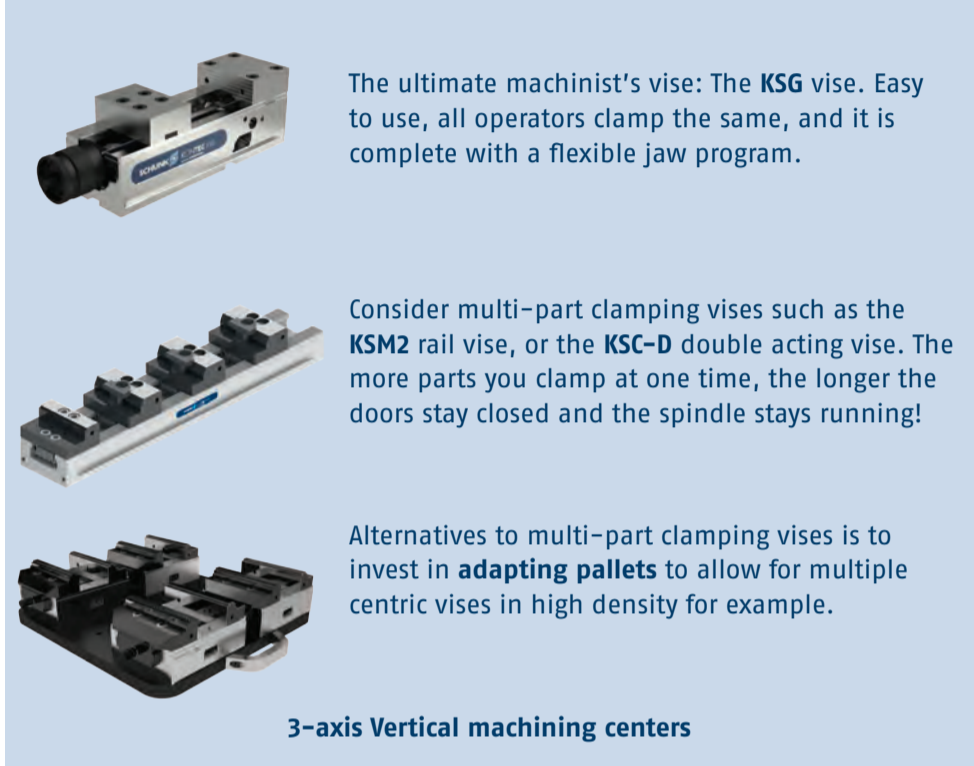


# Create your own personalized workholding packages with the SCHUNK toolbox...

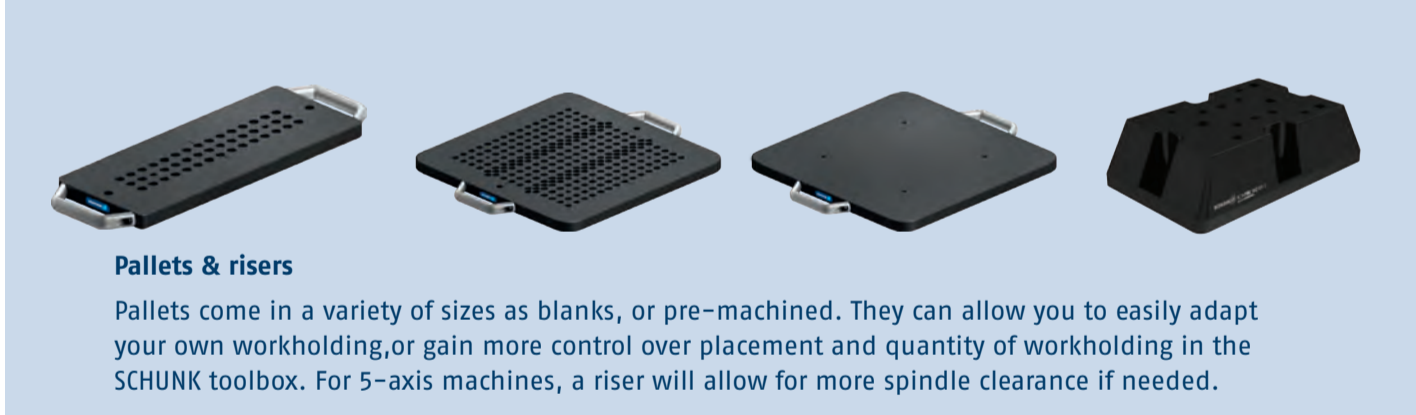
## 1 Select your VERO-S base; suitable for any machine type



## 2 Build your toolbox – some options to consider...



## 3 Choose your accessories



## 4 Contact a SCHUNK Engineer

SCHUNK engineers are standing by in Morrisville, NC to support you in selecting and building your personalized workholding package. Call our Morrisville headquarters, and ask for Stationary WH



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