

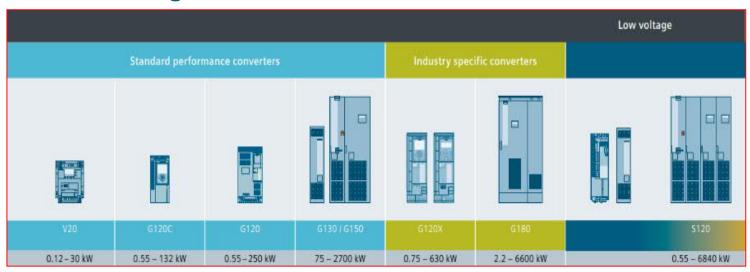


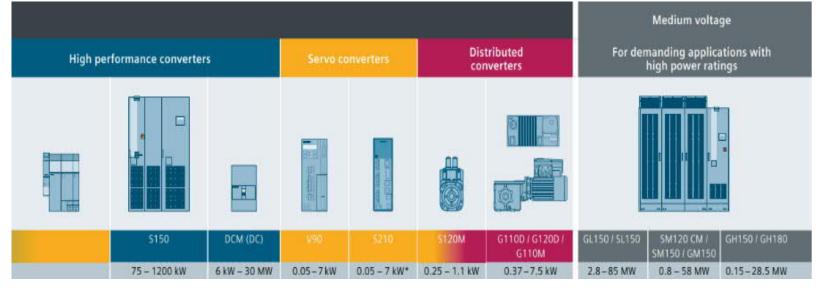


## **Selection tools for SINAMICS**

#### **Low Voltage Standard Drives Portfolio**





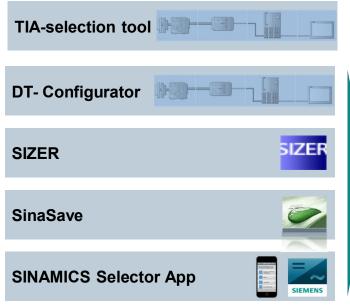


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# All SINAMICS drives are implemented in a complete range of tools to enable easy selection and configuration of the drive system



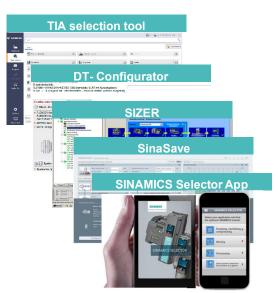


Allows efficient selection and configuration of your drive

Supports step-by-step configuration of the mechanical & electrical system

Determines energy saving potential and ROI of your application

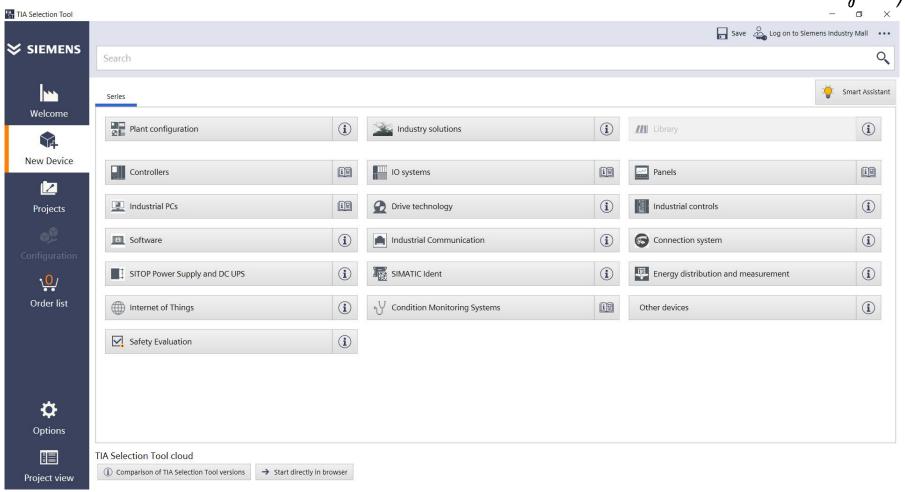
Allows quick and easy selection of inverters on your mobile



Wide range of tools allow easy selection and configuration of the drive system

#### **TIA Selection tool**





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#### **TIA Selection tool – Drive technology**

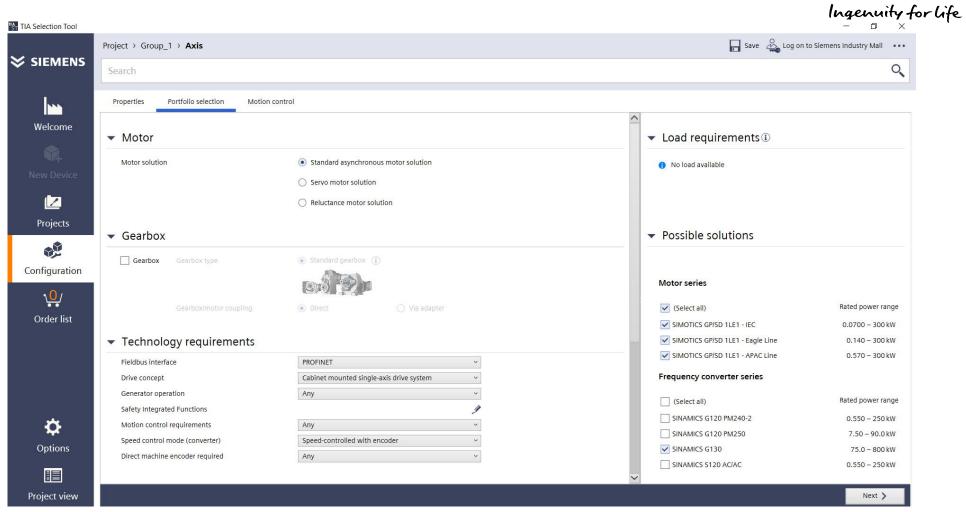
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Ingenuity for life TIA Selection Tool Save Log on to Siemens Industry Mall ••• Search Smart Assistant Drive technology Welcome Q Search term: Name/Article number New Device Dimensioning and configuring drive systems 1 i Drive dimensioning (> 48 V with SIZER integrated in the TIA Selection Tool) Projects (i) Drive dimensioning (>48V with SIZER 3 - additional installation required) (i) SIMATIC MICRO-DRIVE drive dimensioning (<= 48V) i Automatic door control system (SIDOOR) Order list Configuring products (DT configurator) **i** Motors (SIMOTICS) with DT configurator **i** Frequency converter (SINAMICS) with DT configurator **\$** Options Unre Project view

## **TIA Selection tool – Configuration within TIA**

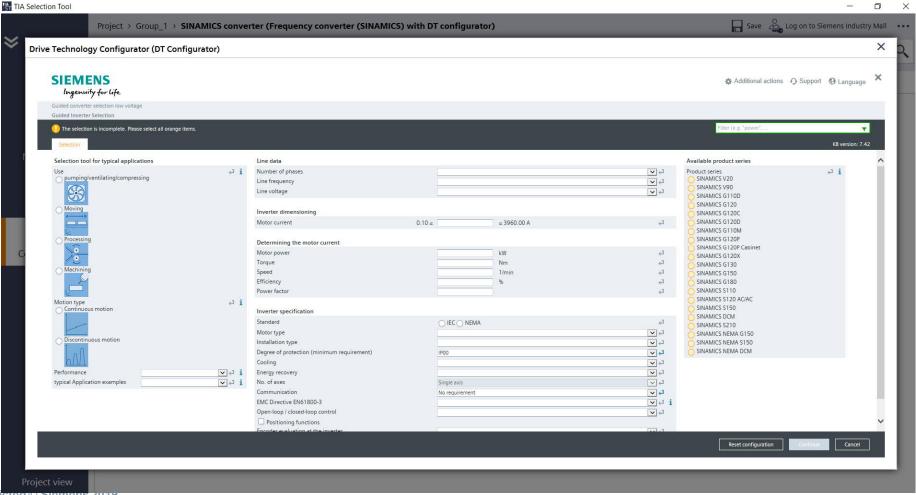
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#### **TIA Selection tool** – configuration with DT-Configurator

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## **Direct selection using Drives Technology Configurator**

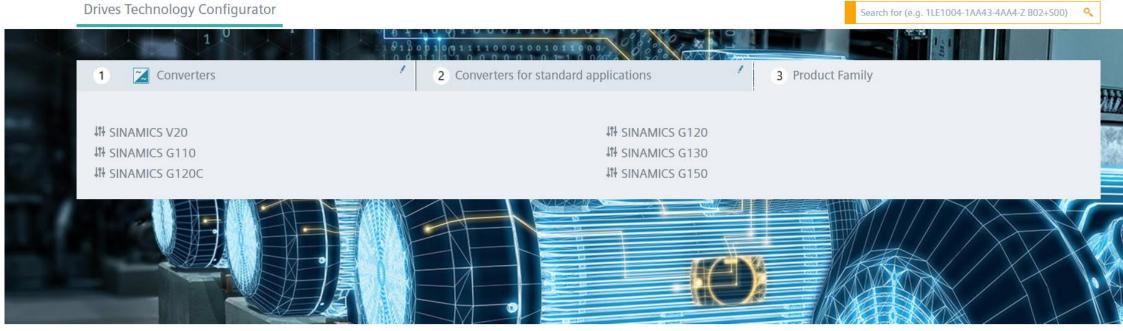
https://mall.industry.siemens.com/mall/en/WW/Catalog/Products/10034285

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🚣 Log in 🌣 Additional actions 🥠 Support 🚱 Language



+ Add products

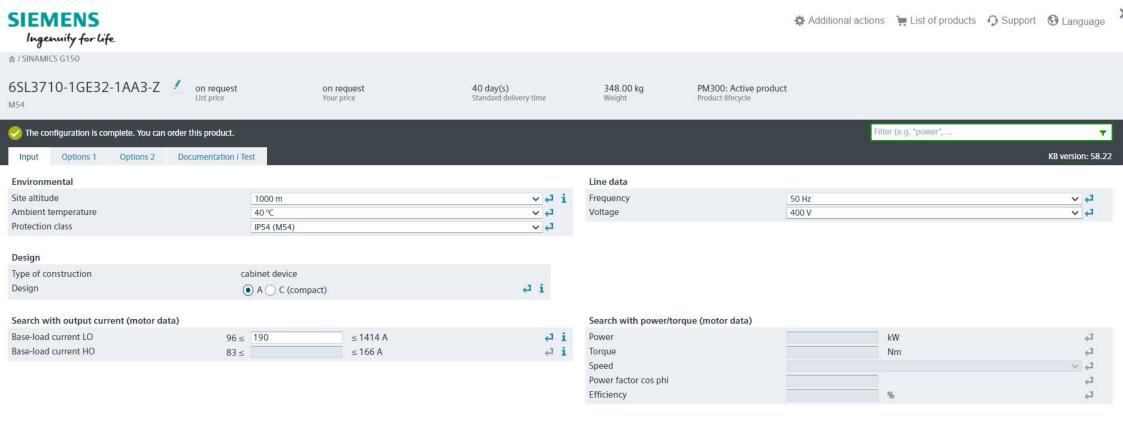
List of products

✓ Projectdata

Actions ~

## **Direct selection using Drives Technology Configurator Search entries**

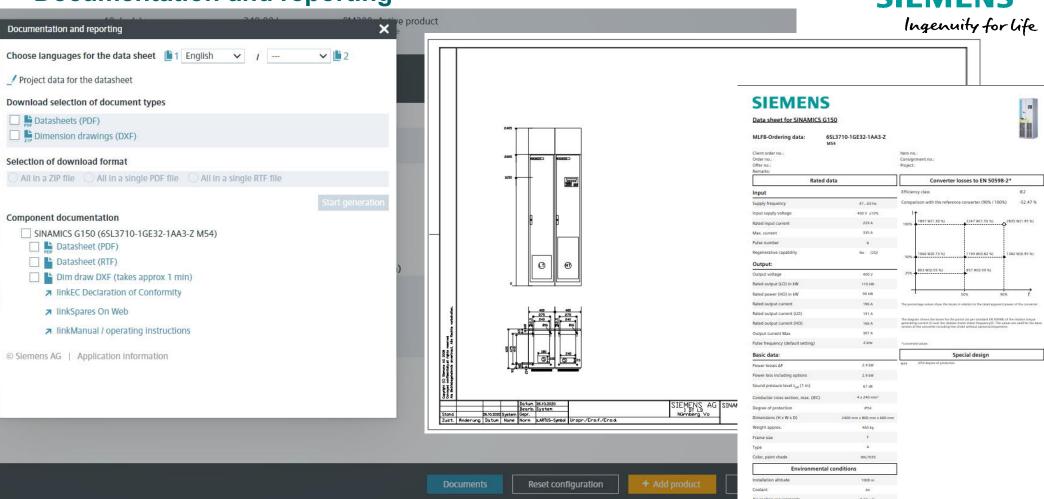




## **Documentation and reporting**

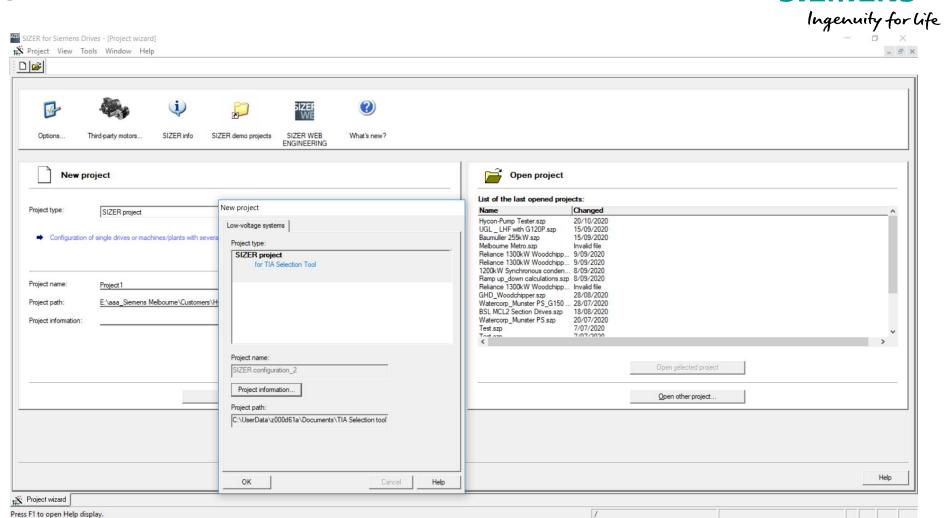
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0 °C - +40 °C



#### **Configuration with SIZER V3.22**





#### **Configuration with SIZER V3.22**



The latest version of SIZER can be downloaded from the following link:

https://support.industry.siemens.com/cs/kr/en/view/54992004

#### What's new in SIZER V3.22?

#### Drives / motor starters

#### New

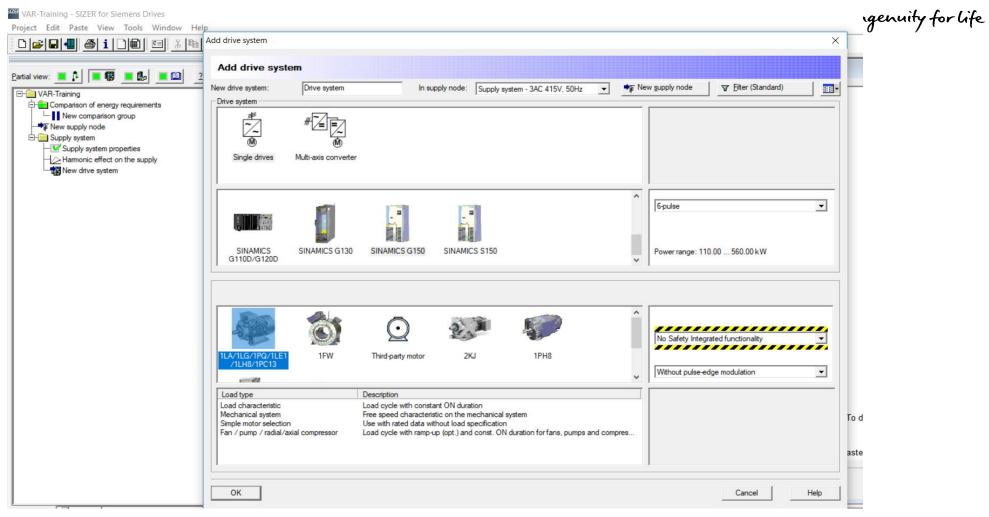
- Control Unit Adapter kit for SINAMICS G120 added

#### **Update**

- Power unit 6SL3210-1KE24-4U.1 (G120C) has no filter. Filter status removed.
- Article number of the SINAMICS S120 Cabinet Module Booksize Base Cabinet updated.
- Booksize Motor Module 45 A and 60 A (6SL3120-1TE24-5AA3 and 6SL3120-1TE26-0AA3) has been removed
- 200A Booksize MoMo with 1FP reluctance motor made available
- DC link rectifier adapter for 100 mm wide modules, 6SL3162-2BE00-0AA0 for S120 Booksize 45 A and 60 A C-Type Motor Modules added
- Chassis-2 / Cabinet Modules-2 FS4+ (710 kW-800 kW) MoMo, AIM/ALM, MoMo & AIM/ALM added (see SIOS message <a href="https://support.industry.siemens.com/cs/document/109761692">https://support.industry.siemens.com/cs/document/109761692</a>)
- The following SINAMICS S120 AC/AC devices in liquid cooling were removed: 6SL3315-1TE36-1AA7, 6SL3315-1TE37-5AA7, 6SL3315-1TG34-1AA7, 6SL3315-1TG34-7AA7, 6SL3315-1TE35-8AA7

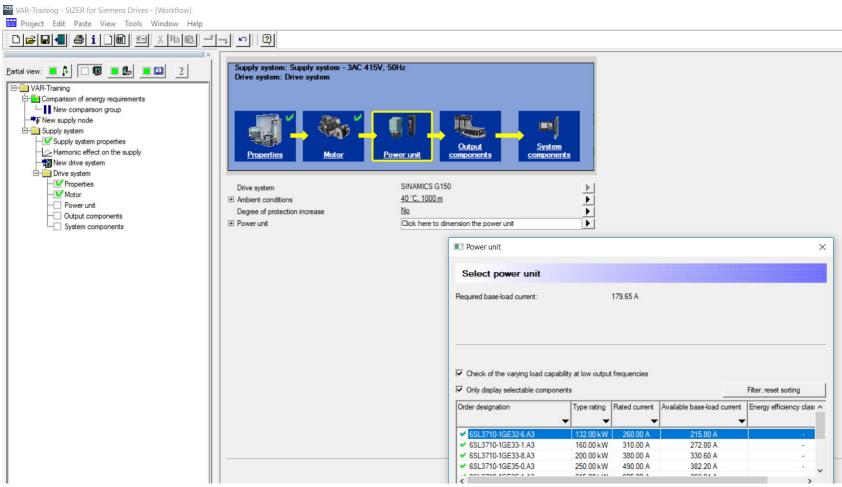
#### SIZER – Selection of drive system, motor & load type (1)

## **SIEMENS**



#### SIZER – Selection of power unit

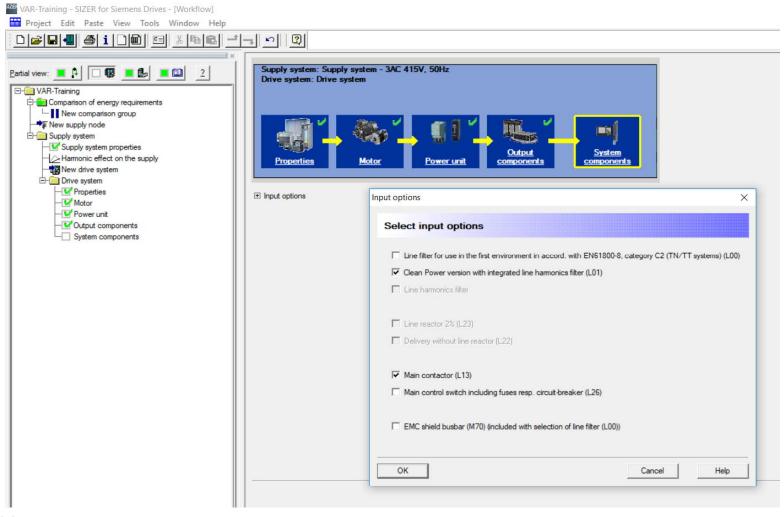




#### **SIZER** – selection of further options

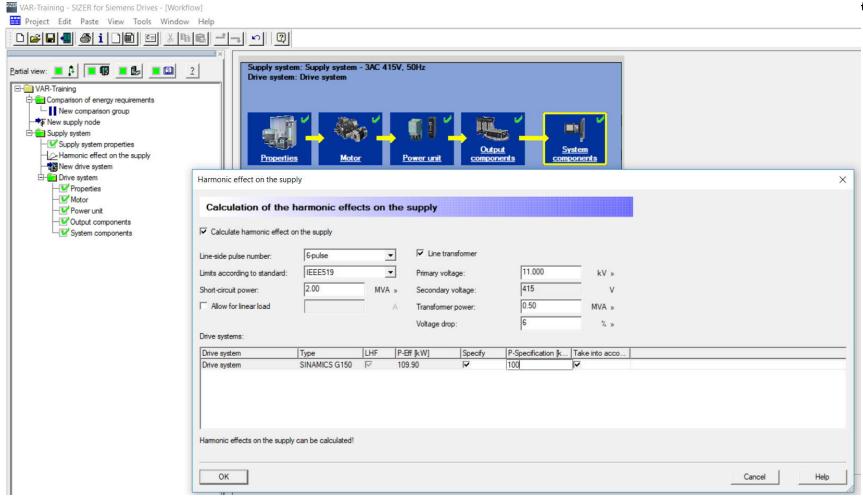


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#### **SIZER** – Harmonic effects on the supply

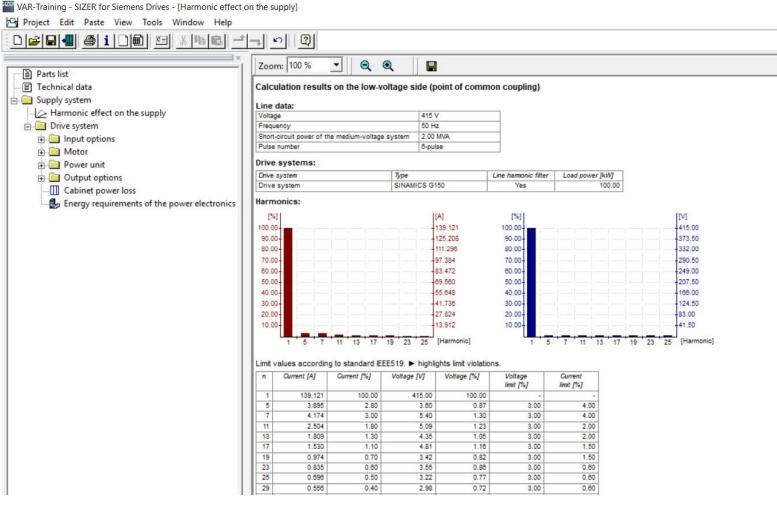




#### **SIZER** – Harmonic effects on the supply



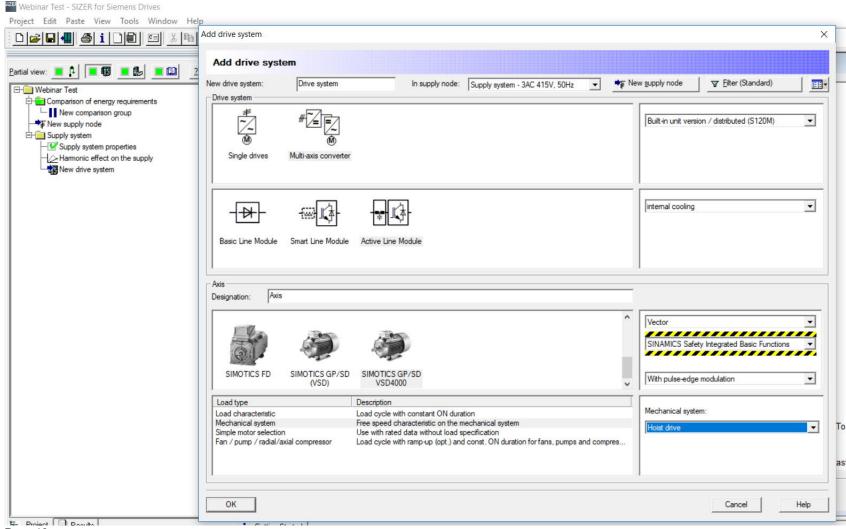
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#### SIZER – Selection of drive system, motor & load type (2)

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