SIMATIC Technology – Motion Control
General Information

- www.siemens.com/simatic-technology (Link)
- www.siemens.com/onlinesupport/simatic-technology (Link)
- TIA Portal Tutorial Center (Link)
- SIMATIC Technology (Link)
- Automation - SIMATIC Technology (Link)
- Automation Tasks in 10 minutes or less (Link)
- Industry: Automation – TIA Portal – Mister Automation (Link)
- SIMATIC Technology Referenzen (Link)
SIMATIC Technology – Motion Control
Option 1/2: SIMATIC & SINAMICS Starter-Kits

**SIMATIC Starter-Kits**
- SIMATIC S7-1500 Compact-CPU
  - Art.-Nr.: 6ES7511-1CK03-4YB5
- SIMATIC S7-1500 Technology-CPU
  - Art.-Nr.: 6ES7511-1TK02-4YB5

**SINAMICS Starter-Kits**
- SINAMICS V90-PN
  - Art.-Nr.: 6SL3200-0AE40-0AA0
- SINAMICS S210
  - Art.-Nr.: 6SL3200-0AE61-0AA0

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Option 2/2: SIMATIC Starter-Kits & SINAMICS Demo-Kits

SIMATIC Starter-Kits

- SIMATIC S7-1500 Compact-CPU
  - Art.-Nr.: 6ES7511-1CK03-4YB5
- SIMATIC S7-1500 Technology-CPU
  - Art.-Nr.: 6ES7511-1TK02-4YB5

SINAMICS Demo-Kits

- SINAMICS V90-PN 1)
  - Art.-Nr.: 6AG1067-1AA32-0AA0
- SINAMICS S210 1)
  - Art.-Nr.: 6AG1067-1AA33-0AA0
- SINAMICS S120 1)
  - Art.-Nr.: 6ZB2480-0CT00

1) Prepared for SIMATIC S7-1500(T). SIMATIC Controller not part of delivery.

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Coordinated axes with SIMATIC S7-1500/1500 T-CPU (1/2)

- CAMMING with "MC_CamIn" in the S7-1500T (Entry-ID: 109740188)
- How does a slave axis of camming behave during "Direct synchronous setting" (SyncProfileReference = 2)? (Entry-ID: 109758886)
- S7-1500T: Set synchronization in simulation - Retain a synchronized connection when locking the slave axis, for example (Entry-ID: 109741930)
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Coordinated axes with SIMATIC S7-1500/1500 T-CPU (2/2)

Application example

- Technology Objects of the SIMATIC S7-1500(T) (Entry-ID: 109743134)
- Switchover and generation of cams with SIMATIC S7-1500T (Entry-ID: 109749460)
- SIMATIC S7-1500T Flying Saw (Entry-ID: 109744840)
- SIMATIC S7-1500T RotaryKnife (Entry-ID: 109757260)
- S7-1500T: Circular Motion on the Basis of Cam Disks “MoveCircle2D” (Entry-ID: 109742306)
- SIMATIC/SIMOTION Library LCamHdl – Creation of cam disks at runtime (Entry-ID: 105644659)
- SIMOTION/SIMATIC/SINAMICS - Converting Toolbox (Entry-ID: 109744606)

YouTube
- SIEMENS Channel

- SIMATIC S7-1500 Technologie CPUs von Siemens (Link)
- Motion Control has never been so easy (Link)
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