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STMD-SW change list

SW-Version	SW-Datum	Extensions	Fixes
S168025-500	20.10.2017	Initial release: - DGD communication protocol, which gives advantages in: o Multi-spindle configuration o Error Handling o Compatibility with STMH/STMHE Tightening Modules. o Easy migration of special mPro400 software to Hybrid platform.	
S168025-501	22.11.2017	Updated 17 series motor parameters	Improve accuracy for soft stop speed. Tq factor was always 0
S168025-502	13.02.2018		Fixed controller lockup (Improved parameter transmission)
S168025-503	26.02.2018		Improved angle accuracy
S168025-504	13.04.2018	Secondary display support Service and cable counter support	
S168025-505	10.08.2018	FINDINI and OTINI support	Stop rundown immediately when physical startbutton released (instead to wait for stop-command from mPro); Seq35 fixes; quickstop-timeout as warning (instead of error); Add keep-alive for diagnostic speed-test;
S168025-506	08.10.2018	Adjustable NeoTek LEDs brightness supported Forced NOK supported Seq 80 shutoff-torque-AND-angle supported	
S168025-507	23.11.2018	Includes support for *Accessory 2D Reader (937731PT, 942391PT, 942394PT*	
S168025-506.1	11.01.2019		PRR-13226 fixed
S168025-508	08.02.2019	Includes support for *Accessory Toollight*	
S168025-509	26.03.2019	Added feature "Torsion-Compensation", and added configuration for 48EAE Tool with Engel motor (PS36)	
S168025-510	28.05.2019	Includes support for NeoTek Gyroscope *Accessory*	
S168025-610	20.09.2019	Initial release for STMD-H 961905PT , same features as S168025-510	
S168025-612	20.12.2019	• REQ-14284 - Support for HW Rev 3. • PRR-11548 - Parametrizable ramps.	• PRR-15317 – Display HW version in SystemInfo.
S168025-515	26.02.2020	Reformat internal flash memory with ecc enabled. Downgrade to versions prior to 515 not possible.	
S168025-516	23.04.2020	REQ-14734 - NAND Upgrade	
S168025-517	02.07.2020	REQ-14801 - Software ECC in NAND REQ-14802 - Bootloader for Software ECC	

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S168025-518 / 618	17.07.2020	Features: • REQ-14597 – Tag Accessory support • REQ-14726 – TubeNut support Bugfixes: • PRR-15464 - Seq13 evaluation different as with STMH module • PRR-15756 – Broken error Handling • PRR-16310 - Wrong temperature measurment in rev3B	Features: • REQ-14597 – Tag Accessory Unterstützung • REQ-14726 – TubeNut Unterstützung Bugfixes: • PRR-15464 - Seq13 Auswertung anders wie STMH • PRR-15756 – Fehlerhafte Nacharbeit • PRR-16310 - Falsche Temperaturmessung in rev3B
S168025-519	03.09.2020	Bugfixes: • PRR-16468 - Software update was not possible from version 515 or 516	Bugfixes: • PRR-16468 - Software update war nicht möglich von der Version 515 oder 516
S168025-620	17.09.2020	Bugfixes: • PRR-16506 - No grahic-point for exact MS-reached angle • PRR-16501 - Touch screen does not work correctly on Secondary	Bugfixes: • PRR-16506 - Kein Grafikpunkt für exakten MS-Punkt • PRR-16501 - Touch screen hat nicht beim Secondary funktioniert
S168025-521_621	16.10.2020	Features: • REQ-14639 - Read/Write MFU Data • REQ-14805 - Read service counter range and factors Bugfixes: • PRR-16991 - Slow communication between primary and secondary controllers	Features: • REQ-14639 - MFU Daten Lesen/Schreiben • REQ-14805 - Service Zähler Faktoren und Bereiche lesen. Bugfixes: • PRR-16991 - Langsame Kommunikation zwischen Primary und Secondary
S168025-522_622	26.02.2021	Features: • Hard-reset tool (TIM) when communication with tool fails (tool-not-connected issue REQ-15363)	Features: • TIM-Spannung ab/anschalten falls Kommunikation mit Tool nicht funktioniert (REQ-15363)
S168025-523_623	03.03.2021	Features: • REQ-15297 Support speed in Deci-RPM accuracy with 1 decimal place	Features: •REQ-15297 Drehzahl mit 1/10 Genauigkeit unterstützt
S168025-624	20.05.2021	•REQ-15499 - Support new display •PRR-17909 - STMD Software crashes with Seq31 and 51	•REQ-15499 - Support new Display •PRR-17909 - STMD Software Absturz mit Seq31 und 51
S168025-524	20.05.2021	•PRR-17909 - STMD Software crashes with Seq31 and 51	•PRR-17909 - STMD Software Absturz mit Seq31 und 51
S168025-625	17.06.2021	•PRR-18040 very high negative torque in archive graph •PRR-18136 analog-tool offset error	•PRR-18040 very high negative torque in archive graph •PRR-18136 analog-tool offset error
S168025-525	21.06.2021	•PRR-17614 patch uboot to change memory frequency to 504MHz •PRR-18040 very high negative torque in archive graph •PRR-18136 analog-tool offset error	•PRR-17614 patch uboot to change memory frequency to 504MHz •PRR-18040 very high negative torque in archive graph •PRR-18136 analog-tool offset error
S168025-626	11.08.2021	•Support of BD-Spindle •Support of BD-Minispindle	•Support of BD-Spindle •Support of BD-Minispindle

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S168025-527	14.09.2021	•Fix CRC-error on 18 / 48 tools (PRR-18605) •In case BD-spindle connected, show info that it is not supported by 5xx series (REQ-15752)	•Fix CRC-error on 18 / 48 tools (PRR-18605) •In case BD-spindle connected, show info that it is not supported by 5xx series (REQ-15752)
S168025-627	14.09.2021	•Fix CRC-error on 18 / 48 tools (PRR-18605) •Fix AN2F-error when current-redundancy enabled on BD-minispindle (PRR-18522)	•Fix CRC-error on 18 / 48 tools (PRR-18605) •Fix AN2F-error when current-redundancy enabled on BD-minispindle (PRR-18522)
S168025-528	24.11.2021	•REQ-15790 - STO-state as TM_DIDO input •REQ-15808 - Increase SSIO-Clk drive strength	•PRR-12885 - Date/time for EMS-entry incorrect •PRR-17390 – Sporadic servo-initialization error after reboot •PRR-17538 – Service-counter-areas wrong when set first time with TSI-viewer •PRR-18742 – Sporadic log-messages with no content
S168025-628	24.11.2021	•REQ-15790 - STO-state as TM_DIDO input •REQ-15808 - Increase SSIO-Clk drive strength	•PRR-12885 - Date/time for EMS-entry incorrect •PRR-17390 – Sporadic servo-initialization error after reboot •PRR-17538 – Service-counter-areas wrong when set first time with TSI-viewer •PRR-18742 – Sporadic log-messages with no content
S168025-529	12.01.2022		•PRR-19133 – Speed displayed negative for odd-gearing tools •PRR-19128 – False transducer-calibration offset-alarm
S168025-629	12.01.2022		•PRR-18424 - BDU-spindle torque measured negative •PRR-19133 – Speed displayed negative for odd-gearing tools •PRR-19128 – False transducer-calibration offset-alarm
S168025-530	not yet		
S168025-630	14.01.2022	•REQ-15969 – Support odd-gearing at output-drive •REQ-15974 - Seq35 should support angle as parameter (not set parameter-error shutoff when angle too low/high)	
S168025-531	07.03.2022	•REQ-15969 – Support odd-gearing at output-drive (not relevant for v5xx, since they do not support BD-spindles) •REQ-15974 - Seq35 should support angle as parameter (not set parameter-error shutoff when angle too low/high)	•PRR-18980 – Various measurement-card errors (IRED, FMK), due to timing issues in v5xx version •PRR-19272 – Stage-result was sent twice to controller, if rundown was aborted before final stage
S168025-631	07.03.2022		•PRR-18980 – Various measurement-card errors (IRED, FMK), due to timing issues in v5xx version (not relevant for v6xx, since faster than v5xx) •PRR-19272 – Stage-result was sent twice to controller, if rundown was aborted before final stage
S168025-532	26.07.2022		•PRR-19797 – Gyroscope GCOM error when ToolHeadAngle entry is missing •PRR-19799 – Gyroscope correction reversed with negative tool speed •PRR-19747 – Maintenance-counter systemwarning sent, even if controller do not use maintenance-counter

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S168025-632	26.07.2022		•PRR-19797 – Gyroscope GCOM error when ToolHeadAngle entry is missing •PRR-19799 – Gyroscope correction reversed with negative tool speed •PRR-19747 – Maintenance-counter systemwarning sent, even if controller do not use maintenance-counter
S168025-533	23.09.2022	•REQ-15813 - Snugpoint detection on the fly •REQ-16112 - Support flexible extended parameterset •REQ-16113 - Automatic speed-change in new Seq35 variant •REQ-16197 - Patch motor-parameters to prevent too early i2c-error •REQ-16198 - New output-head parameters in SIM for gear-translation and efficiency	•PRR-19523 - Support STMD-H 961905PT-XS7
S168025-633	23.09.2022	•REQ-15813 - Snugpoint detection on the fly •REQ-16112 - Support flexible extended parameterset •REQ-16113 - Automatic speed-change in new Seq35 variant •REQ-16197 - Patch motor-parameters to prevent too early i2c-error •REQ-16198 - New output-head parameters in SIM for gear-translation and efficiency •REQ-16032 - Dump ethernet-statistic in log-file (in case of missing packets)	•PRR-19523 - Support STMD-H 961905PT-XS7
S168025-534	27.10.2022		•PRR-18193 - Seq16 is not functional, error RES occur •PRR-19825 - Gyro error at start of second stage
S168025-634	27.10.2022		•PRR-18193 - Seq16 is not functional, error RES occur •PRR-19825 - Gyro error at start of second stage