

Functions	#118941	#119036	#119560	#126177
	Standard Edition	Standard Edition + Remote Control	Premium Edition	Office-Edition*
Standard Graphic Elements Point Line Rectangle Circle Arc Ellipse Polygon Spiral Font Text Variable Text (serial number, date) Barcode (1D, 2D) Bitmap	●	●	●	●
Complex Graphic Elements Graphics Path Vector Text Symbols	●	●	●	●
Graphic Import Vector graphics (ai, dxf, plt, svg) Pixel images (bmp, gif, jpg, png, pcx, tga, tif, twain)	●	●	●	●
Basic Control Elements Digital In- and Output Analog Output Pulse Output Timer Delay	●	●	●	●
Further Control Elements Variants Protocol Start, Protocol Stop	●	●	●	●
Advanced Control Elements Timer Start, Timer Stop Serial Communication Motor Control Z-Focus Control Laser Control Wait For Encoder Transformation	●	●	●	●
Premium Control Elements Ramping Vision System (only applicable with SCANalign)	-	-	●	●
Hatch Type GraphicPath Enables fill type 'Path'	●	●	●	●
Sort Hatch Lines Sorting functions for the vectors of an graphic object Optimizing the processing sequence	●	●	●	●
User Administration Assignment of user groups and user rights	●	●	●	●
Language Selection Enables the selection of one of several languages (Chinese, English, German, Russian)	●	●	●	●

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Graphic Options Options settings for editing graphics	●	●	●	●
GUI Options GUI options settings	●	●	●	●
Keyboard Shortcuts Assignment/determination of shortcuts	●	●	●	●
Measurement Functions Distance between two points	●	●	●	●
Alignment Functions Sequencing Aligning Distributing	●	●	●	●
Edit Elements Editing the elements / graphic objects in Graphic View	●	●	●	●
Contour and Combine Functions Union Intersect Exclusive or Exclude Connect Merge Round corner Offset	●	●	●	●
Layers Support and management of the layers	●	●	●	●
Repeat Functions Copying and aligning/distributing graphic elements	●	●	●	●
Dynamic Help Context sensitive help window inside the laserDESK program window	●	●	●	●
intelliSCAN Diagnosis Enables querying information about a used intelliSCAN head	●	●	●	n.a.
Special Laser Types Support of special laser types	●	●	●	n.a.
Skywriting Enables the execution of the RTC skywriting mode	●	●	●	●
UFPM - Ultra Fast Pixel Mode Bitmap processing up to 3.2 MHz - only applicable with RTC6 board -	●	●	●	●
Speed-dependent Laser Control - only with excelliSCAN or intelliSCAN scan head -	-	-	●	●
Manual Hardware Control RTC IOs Laser Motor control (axle drive)	●	●	●	n.a.

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Calibration Factor Wizard Enables a simple routine for determining the scan system's calibration factors (based on linear scaling)	●	●	●	n.a.
Variable Polygon Calibration Wizard Enables a calibration routine to determine a customized polygon delay curve	●	●	●	n.a.
POF and POF Calibration Wizard Enables the usage of the RTC's POF option and a calibration routine to determine exact calibration factors for the processing-on-the-fly mechanism	●	●	●	n.a.
Parameter Wizard Helps to evaluate the best parameter set	●	●	●	n.a.
3D Calibration Wizard Creation of a complex, system specific correction file	●	●	●	#
Parameter Library Parameter data base User interface: Library Explorer	●	●	●	●
Import Text Enables the import of an (variable) external text file	●	●	●	●
Clipping Functions Several split modes	●	●	●	●
Pilot Laser Usage of an pilot laser	●	●	●	n.a.
Second Scanhead Control Enables the control of two scanheads if a multiple scan head system is used	●	●	●	n.a.
Remote Control A marking process can be selected and executed completely via remote control; direct access to the RTC IOs; via TCP/IP or RS232	-	●	●	●
3D Support Hardware Support of a varioSCAN dynamic focusing unit:				
- static (2.5D)	●	●	●	n.a.
- dynamic	-	-	●	n.a.
3D Support Software Creation of 3D objects Import of 3D files Inclined plane	-	-	●	●
STL-File Import Import of Standard Tessellation Language Files with slicing the contained 3D objects	-	-	●	●
Special Scan Head Support excelliSCAN (with SCANahead control) intelliWELD II (with zoom)	-	-	●	●

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Tiling Splitting functions for marking processes with dimensions larger than the marking field (in x-y), for marking on a roll and for processing-on-the-fly applications	-	-	●	●
Text Box Multi-line font text	-	-	●	●
SCANalign Integration Direct integration of SCANLAB's SCANalign vision system camera supported job execution (evaluation of image data)	-	-	●	○
Supported RTC Boards				
- RTC5	●	●	●	-
- RTC6	●	●	●	-
- RTC6 Ethernet	●	●	●	-
- RTC6 Ethernet Standalone support	●	●	●	-

- * The Office Edition is executable without RTC board and serves exclusively to create and store jobs; in this respect, it has the functional range of the Premium Edition.
Because it is not possible to address the hardware, jobs can't be executed.
- enabled
- not enabled
- # without access to laser scan system
- limited use
- n. a. not applicable, because hardware isn't addressable