

STEEL TEST

Steel RIB measurement advanced software

SCANNY3D®

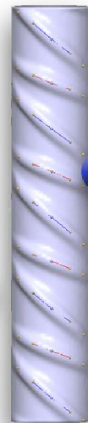
Sistemi di scansione laser 3D
3D laser scanning systems

3D LASER
SCANNER

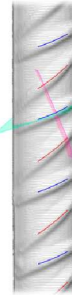
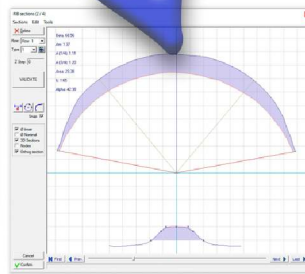
From the bar...



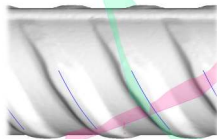
...to the 3D model



...to the automatic creation
of the test report



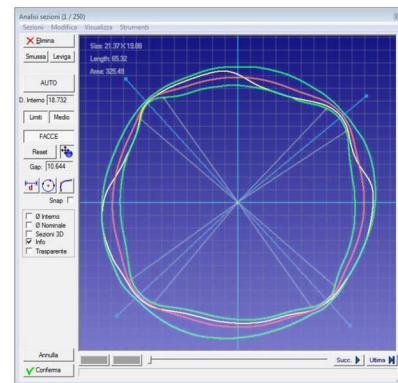
Automatic identification of the ribs



$$f_R = \frac{1}{\pi d} \sum_{i=1}^n m \sum_{j=1}^m \frac{1}{F_{R,i,j}} \sin \beta_{i,j} + \frac{1}{P} \sum_{k=1}^q a_k$$

Main features:

- Ease of use
- Import from 3D SCANNER
- 100% automatic calculation procedure of the relative rib area in accordance with EN ISO 15630 and main international standards
- Quick and intuitive procedure
- Clear and easy to read measurement result
- Connection with external databases
- Possibility of carrying out additional measurements directly on the 3D model of the bar
- Personalized printout of the test report
- Possibility of carrying out a complete geometric check
- Possibility to customize the list of calculated parameters
- Software updates with regulatory revisions
- Export of numerical results in various formats
- Compatible with major LIMS software



Numeric and graphics
analysis of all the ribs

row	rib	a (1/4)	a (m)	a (3/4)	area	c	beta	alpha	b	Lr.h
1	A	1.107	1.368	1.194	23.23	19.01	68.51	42.41	1.65	0.65
1	B	1.268	1.328	1.172	26.50	18.99	52.85	40.34	1.45	0.65
2	A	1.237	1.347	1.233	26.32	18.98	52.97	42.34	1.71	0.70
2	B	1.215	1.422	1.211	24.21	18.96	69.33	40.95	1.62	0.70
AVG		1.207	1.366	1.202	25.07	9.50	60.91	41.51	1.61	0.67



For more information visit the web site:

WWW.STEEL-TEST.COM

SCANNY3D® s.r.l.

3D laser scanning systems

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