

Date of receipt:	21/02/22	CANTARUTTI S.R.L. VIA MAGGIORE 14 33040 PREMARIACCO (UD) ITALIA
Date of issue:	24/03/22	
Report consists of 3 test reports.		
Defects before testing: None		
Sample name:	MAKI 2.01.Z armchair	

SAMPLE N° 324597

Overall dimensions: 500 x 400 x 775 (h) mm

List of test reports:

1. Stability test ANSI-BIFMA X5.1-2017/11
2. Seating durability test - Cyclic - ANSI-BIFMA X5.1-2017/10
3. Arm durability test - cyclic ANSI-BIFMA X5.1-2017/20



This document is part of a PDF file digitally signed by Franco Bulian.

*The managing director
Dr. Franco Bulian*

The sample name and, when relevant, its description, are given by the orderer, and CATAS does not assume responsibility on this matter. This test report relates to the sample submitted for the test and no others. Additions, deletions or alterations are not permitted. This test report must always be reproduced in its entirety. Unless otherwise required by standards and technical specifications or agreed with the customer, any declarations of conformity made by CATAS are based on the comparison between results and reference values, where the confidence intervals of the measures are not taken into account. Unless otherwise stated, sampling is made by the customer; in this case the test results are referred to the sample as received.

SAMPLE N° 324597

Date of issue: 24/03/22
Sample weight: Not determined
Sample name: MAKI 2.01.Z armchair

TEST REPORT
324597 / 1

Revision: 0
Date of receipt: 21/02/22
Date of test: 22/02/22
Date of issue: 24/03/22



Sample name: MAKI 2.01.Z armchair

CANTARUTTI S.R.L.
VIA MAGGIORE 14
33040 PREMARIACCO (UD)
ITALIA

Stability test ANSI-BIFMA X5.1-2017/11

Type of chair:	Type III		
Clause 11.3.1			
Rear stability for chair type III			
Seat load:	60	kg	
Minimum force required :	142	N	Does not overturn
Measured force:	> 190	N	
Clause 11.3.2			
Rear stability for chair type I and II			
Loading discs on the seat:	/		
Clause 11.4			
Front stability			
Vertical load:	61	kg	
Minimum force required:	20	N	Does not overturn
Measured force:	> 30	N	

The test results comply with the requirements in clause 11.3.1.3 and 11.4.4 of ANSI-BIFMA X5.1-2017

Unless otherwise specified, measurement uncertainty expanded to a confidence level of about 95% is ± 2 N.

The measurement uncertainties stated in this document have been determined according to UNI CEI 70098-3:2016. They were estimated as expanded uncertainty obtained by multiplying the standard uncertainty by the coverage factor k corresponding to a confidence level of about 95%. Normally $k=2$.

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TEST REPORT

324597 / 2

Revision: 0
Date of receipt: 21/02/22
Date of test: 10/03/22
Date of issue: 24/03/22



Sample name: MAKI 2.01.Z armchair

CANTARUTTI S.R.L.
VIA MAGGIORE 14
33040 PREMARIACCO (UD)
ITALIA

Seating durability test - Cyclic - ANSI-BIFMA X5.1-2017/10

Type of chair: Type III

Seat impact test

Height of drop: 36 mm above the uncompressed seat surface

Test results:

Mass of drop kg	Number of drops	Remarks
57	100.000	No defects

Front corner load-ease test - cyclic -off-center

Test results:

Seat load N	Number of cycles	Remarks
890	20.000	No defects

The test results comply with the requirements in clause 10.5 of ANSI-BIFMA X5.1-2017

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TEST REPORT
324597 / 3

Revision: 0
Date of receipt: 21/02/22
Date of test: 18/03/22
Date of issue: 24/03/22



CANTARUTTI S.R.L.
VIA MAGGIORE 14
33040 PREMARIACCO (UD)
ITALIA

Sample name: MAKI 2.01.Z armchair

Arm durability test - cyclic ANSI-BIFMA X5.1-2017/20

Type of chair: Type III

Seat height: /

Armrest positioning: /

Test results:

Load on arm rest N	Number of cycles	Remarks
400	60.000	No defects

The test results comply with the requirements in clause 20.4 of ANSI-BIFMA X5.1-2017

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