

Date of receipt: 13/07/21

Date of issue: 15/09/21

Report consists of 10 test reports.

Defects before testing: None

Sample name: GF-470 1600x800 PM

ROL ERGO AB
FLYGPLATSVAGEN 1
55593 JONKOPING
SE – SWEDEN

SAMPLE N° 314180

Overall dimensions: 1600 x 800 x 1170 (h) mm

List of test reports:

1. Office work tables: safety requirements EN 527-2:2016+A1:2019 clause 4.1 - 4.2
2. Durability of height adjustment mechanisms EN 1730:2012, clause 8.2
3. Horizontal static load test EN 1730:2012, clause 6.2
4. Vertical static load test EN 1730:2012, clause 6.3
5. Horizontal fatigue test EN 1730:2012, clause 6.4.2
6. Stiffness of the structure EN 1730:2012, clause 6.4.3
7. Vertical fatigue test EN 1730:2012, clause 6.5
8. Vertical impact test EN 1730:2012, clause 6.6
9. Drop test EN 1730:2012, clause 6.9
10. Stability under vertical load EN 1730:2012, clause 7.2



This document is part of a PDF file digitally signed by Franco Bulian on 15/09/21.

*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.

TEST REPORT

314180 / 1

Revision: 0
Date of receipt: 13/07/21
Date of test: 19/07/21
Date of issue: 15/09/21



ROL ERGO AB
FLYGPLATSVAGEN 1
55593 JONKOPING
SE - SWEDEN

Sample name: GF-470 1600x800 PM

Office work tables: safety requirements EN 527-2:2016+A1:2019 clause 4.1 - 4.2

4.1 General requirements

Requirements	Observed	Remarks
All accessible edges and corners are free from burrs and rounded or chamfered	Yes	None
The edges and corners of the top surfaces are chamfered not less than 1 mm by 1 mm or rounded with a radius of not less than 2 mm	Yes	None
The ends of feet and tubular components are closed or capped	Yes	None
Movable and adjustable parts: are designed so to injuries and inadvertent operation are avoided	Yes	None
Load bearing part of table: shall not be possible to come loose unintentionally	Yes	None
Parts which are lubricated: all the parts which are lubricated shall be designed to protect users	/	Parts which are lubricated not present

4.2.2 Shear and squeeze points under influence of powered mechanisms

Requirements	Observed	Remarks
Absence of shear and squeeze points under influence of powered mechanisms (distance between two accessible parts move relative to each other: > 25 and < 7 mm)	Yes	None

4.2.3 Shear and squeeze points during use

Requirements	Observed	Remarks
Absence of shear and squeeze points created by forces applied during normal use or created by the user during normal movements and actions (distance between two accessible parts move relative to each other: > 25 and < 7 mm)	Yes	None

Note:

The test results comply with safety requirements of EN 527-2:2016+A1:2019 clause 4.1 - 4.2

This test report is part of a PDF file digitally signed by Franco Bulian on 15/09/21.

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.

TEST REPORT

314180 / 2

Revision: 0
Date of receipt: 13/07/21
Date of test: 19/07/21
Date of issue: 15/09/21



ROL ERGO AB
FLYGPLATSVAGEN 1
55593 JONKOPING
SE - SWEDEN

Sample name: GF-470 1600x800 PM

Durability of height adjustment mechanisms EN 1730:2012, clause 8.2

Type of height adjustment mechanism: electrically operated mechanism

Nominal load : 61 kg according to the manufacturer's instruction

Test results:

Step	Load on the geometric center of table top Kg	Load on the front corner of table top Kg	Load on the rear corner of table top Kg	Number of cycles	Remarks
A	41	20	/	1250	No defects
B	61	/	/	2500	No defects
C	41	/	20	1250	No defects

Note:

The test has been carried out according to Table 1 of EN 527-2:2016+A1:2019

The test results comply with strength and durability requirements of EN 527-2:2016+A1:2019 clause 5.2 (a,b,c)

This test report is part of a PDF file digitally signed by Franco Bulian on 15/09/21.

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.

TEST REPORT

314180 / 3

Revision: 0
Date of receipt: 13/07/21
Date of test: 17/08/21
Date of issue: 15/09/21



ROL ERGO AB
FLYGPLATSVAGEN 1
55593 JONKOPING
SE - SWEDEN

Sample name: GF-470 1600x800 PM

Horizontal static load test EN 1730:2012, clause 6.2

Test results:

Direction of the force	Horizontal force N	Load on top kg	Number of cycles	Remarks
Longitudinal (F1)	450	50	10	No defects
Longitudinal (F2)	450	50	10	No defects
Transverse (F3)	450	50	10	No defects
Transverse (F4)	350	50	10	No defects

Additional horizontal static load for adjustable tables with a height more than 950 mm:

Direction of the force	Applied moment N/m	Load on top kg	Number of cycles	Remarks
Longitudinal (F1)	243	50	10	No defects
Longitudinal (F2)	243	50	10	No defects
Transverse (F3)	243	50	10	No defects
Transverse (F4)	243	50	10	No defects

Note:

The test has been carried out according to Table 1 of EN 527-2:2016+A1:2019

The test results comply with strength and durability requirements of EN 527-2:2016+A1:2019 clause 5.2 (a,b,c)

This test report is part of a PDF file digitally signed by Franco Bulian on 15/09/21.

The managing director
Dr. Franco Bulian
(Handwritten signature)

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.

TEST REPORT

314180 / 4

Revision: 0
Date of receipt: 13/07/21
Date of test: 17/08/21
Date of issue: 15/09/21



ROL ERGO AB
FLYGPLATSVAGEN 1
55593 JONKOPING
SE - SWEDEN

Sample name: GF-470 1600x800 PM

Vertical static load test EN 1730:2012, clause 6.3

Clause 6.3.1 Vertical static load test on main surface

Test results:

Load application position	Vertical force N	Number of cycles	Remarks
100 mm from the edge of the top, at the middle of the long side	1000	10	No defects
Geometrical centre of the top	1000	10	No defects

Additional vertical static load for adjustable tables with a height more than 950 mm:

Test results:

Load application position	Vertical force N	Number of cycles	Remarks
100 mm from the edge of the top, at the middle of the long side	500	10	No defects
Geometrical centre of the top	500	10	No defects

Note:

The test has been carried out according to Table 1 of EN 527-2:2016+A1:2019

The test results comply with strength and durability requirements of EN 527-2:2016+A1:2019 clause 5.2 (a,b,c)

This test report is part of a PDF file digitally signed by Franco Bulian on 15/09/21.

The managing director
Dr. Franco Bulian
(Handwritten signature)

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.

TEST REPORT

314180 / 5

Revision: 0
Date of receipt: 13/07/21
Date of test: 17/08/21
Date of issue: 15/09/21



ROL ERGO AB
FLYGPLATSVAGEN 1
55593 JONKOPING
SE - SWEDEN

Sample name: GF-470 1600x800 PM

Horizontal fatigue test EN 1730:2012, clause 6.4.2

Test results:

Direction of the force	Horizontal force N	Number of cycles	Load on top kg	Remarks
Longitudinal (Fa)	300	10.000	50	No defects
Longitudinal (Fb)	300	10.000	50	No defects
Transverse (Fc)	300	10.000	50	No defects
Transverse (Fd)	300	10.000	50	No defects

Note:

The test has been carried out according to Table 1 of EN 527-2:2016+A1:2019

The test results comply with strength and durability requirements of EN 527-2:2016+A1:2019 clause 5.2 (a,b,c)

This test report is part of a PDF file digitally signed by Franco Bulian on 15/09/21.

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.

TEST REPORT

314180 / 6

Revision: 0
Date of receipt: 13/07/21
Date of test: 20/08/21
Date of issue: 15/09/21



ROL ERGO AB
FLYGPLATSVAGEN 1
55593 JONKOPING
SE - SWEDEN

Sample name: GF-470 1600x800 PM

Stiffness of the structure EN 1730:2012, clause 6.4.3

Table height: 950 mm

Maximum allowable distance travelled by point D: 17 mm/m

Test results:

Direction of the force	Horizontal force N	Load on top kg	Distance travelled by point D	remarks
Longitudinal	200	20	D1: 7,47 mm/m	No defects
Transversal	200	30	D2: 10,95 mm/m	No defects

Note:

The test has been carried out according to Table 1 of EN 527-2:2016+A1:2019

The test result comply with strength and durability requirements of EN 527-2:2016+A1:2019 clause 5.2 (a,b,c,d)

This test report is part of a PDF file digitally signed by Franco Bulian on 15/09/21.

The managing director
Dr. Franco Bulian
(Handwritten signature)

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.

TEST REPORT

314180 / 7

Revision: 0
Date of receipt: 13/07/21
Date of test: 20/08/21
Date of issue: 15/09/21



ROL ERGO AB
FLYGPLATSVAGEN 1
55593 JONKOPING
SE - SWEDEN

Sample name: GF-470 1600x800 PM

Vertical fatigue test EN 1730:2012, clause 6.5

Type of surface tested: main surface

Test results:

Load application position	Vertical force N	Number of cycles	Remarks
100 mm from the edge of the top as far away from the supports as possible	400	10.000	No defects

Note:

The test has been carried out according to Table 1 of EN 527-2:2016

The test results comply with strength and durability requirements of EN 527-2:2016+A1:2019 clause 5.2 (a,b,c)

This test report is part of a PDF file digitally signed by Franco Bulian on 15/09/21.

The managing director
Dr. Franco Bulian
(Handwritten signature)

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.

TEST REPORT

314180 / 8

Revision: 0
Date of receipt: 13/07/21
Date of test: 23/08/21
Date of issue: 15/09/21



ROL ERGO AB
FLYGPLATSVAGEN 1
55593 JONKOPING
SE - SWEDEN

Sample name: GF-470 1600x800 PM

Vertical impact test EN 1730:2012, clause 6.6

Type of surface tested: main surface

Weight of the impact mass: 25 kg

Test results:

Point of impact:

as close as possible to one point of support of the top but not less than 100 mm from any edge

Drop height mm	Number of cycles	Remarks
140	10	No defects

Point of impact: 100 mm from the edge of the top as far away from the supports as possible

Drop height mm	Number of cycles	Remarks
140	10	No defects

Point of impact: 100 mm from the edges at one corner

Drop height mm	Number of cycles	Remarks
140	10	No defects

Note:

The test has been carried out according to Table 1 of EN 527-2:2016+A1:2019

The test results comply with strength and durability requirements of EN 527-2:2016+A1:2019 clause 5.2 (a,b,c)

This test report is part of a PDF file digitally signed by Franco Bulian on 15/09/21.

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.

TEST REPORT

314180 / 9

Revision: 0
Date of receipt: 13/07/21
Date of test: 23/08/21
Date of issue: 15/09/21



ROL ERGO AB
FLYGPLATSVAGEN 1
55593 JONKOPING
SE - SWEDEN

Sample name: GF-470 1600x800 PM

Drop test EN 1730:2012, clause 6.9

Force needed to lift one end of the table: < 200

Test results:

Drop height mm	Number of drops	Side lifted	Remarks
100	6	right	No defects
100	6	left	No defects

Note:

The test has been carried out according to Table 1 of EN 527-2:2016+A1:2019

The test results comply with strength and durability requirements of EN 527-2:2016+A1:2019 clause 5.2 (a,b,c)

This test report is part of a PDF file digitally signed by Franco Bulian on 15/09/21.

*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.

TEST REPORT

314180 / 10

Revision: 0
Date of receipt: 13/07/21
Date of test: 23/08/21
Date of issue: 15/09/21



ROL ERGO AB
FLYGPLATSVAGEN 1
55593 JONKOPING
SE - SWEDEN

Sample name: GF-470 1600x800 PM

Stability under vertical load EN 1730:2012, clause 7.2

Type of surface tested: main surface (height adjust to 950 mm)
Longest dimension of the table top (L): 1.600 mm

Test results:

Vertical force N	Remarks
750	The table does not tip

Type of surface tested: main surface (height adjust to 1170 mm)
Longest dimension of the table top (L): 1600 mm

Test results:

Vertical force N	Remarks
375	The table does not tip

Note:

The test has been carried out according to Table 1 of EN 527-2:2016+A1:2019

The test results comply with strength and durability requirements of EN 527-2:2016+A1:2019 clause 5.2 (a,b,c)

This test report is part of a PDF file digitally signed by Franco Bulian on 15/09/21.

*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.