

Prüfbericht-Nr.: Test Report No.:	50214670 001	Auftrags-Nr.: Order No.:	154385836-30	Seite 1 von 7 Page 1 of 7
Kunden-Referenz-Nr.: Client Reference No.:	/	Auftragsdatum: Order date:	07. Jan. 2019	
Auftraggeber: Client:	Zhejiang Jiechang Linear Motion Technology Co., Ltd HIGH TECH PARK, QIXIN STREET, XINCHANG COUNTY, ZHEJIANG, P. R. China			
Prüfgegenstand: Test item:	Adjustable desk			
Bezeichnung / Typ-Nr.: Identification / Type No.:	JC35TS-R13R			
Auftrags-Inhalt: Order content:	Mechanical safety tests			
Prüfgrundlage: Test specification:	EN 527-1:2011, EN527-2:2016 EN 1730:2012			
Wareneingangsdatum: Date of receipt:	07. Jan. 2019			
Prüfmuster-Nr.: Test sample No.:	A000862074-002			
Prüfzeitraum: Testing period:	07. Jan. 2019 - 25. Jan, 2019			
Ort der Prüfung: Place of testing:	Shanghai			
Prüflaboratorium: Testing laboratory:	TUV Rheinland (Shanghai) Co., Ltd			
Prüfergebnis*: Test result*:	Pass			
geprüft von / tested by: 25. Jan, 2019 Kimi Xu / PE 		kontrolliert von / reviewed by: 25. Jan, 2019 Yun Li / TC 		
Datum Date	Name / Stellung Name / Position	Unterschrift Signature	Datum Date	Name / Stellung Name / Position
Sonstiges / Other: Information for use was not provided and covered in this report.				
Zustand des Prüfgegenstandes bei Anlieferung: Condition of the test item at delivery:		Prüfmuster vollständig und unbeschädigt Test item complete and undamaged		
* Legende: 1 = sehr gut 2 = gut 3 = befriedigend 4 = ausreichend 5 = mangelhaft P(ass) = entspricht o.g. Prüfgrundlage(n) F(ail) = entspricht nicht o.g. Prüfgrundlage(n) N/A = nicht anwendbar N/T = nicht getestet Legend: 1 = very good 2 = good 3 = satisfactory 4 = sufficient 5 = poor P(ass) = passed a.m test specification(s) F(ail) = failed a.m test specification(s) N/A = not applicable N/T = not tested				
Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.				



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Produktbeschreibung
Product description

1	Produktdetails <i>Product details</i>	Adjustable desk
2	Maße / Gewicht <i>Dimensions / Weight</i>	H x W x D: 630 / 1280 x 1600 x 800 mm Weight: 49.35 kg
3	Bedienelemente <i>Operating elements</i>	/
4	Ausstattung / Zubehör <i>Equipment / Accessories</i>	/
5	Verwendete Materialien <i>Used materials</i>	/
6	Sonstiges <i>Other</i>	/
Front View		Side View
		
Highest View		Bottom View
		

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Absatz	EN 527-1:2011, EN527-2:2016	Messergebnisse - Bemerkungen	Bewertung
Clause	Anforderungen - Prüfungen / Requirements - Tests	Measuring results - Remarks	Evaluation

EN 527-1: 2011 Office furniture – Work tables and desks – Part 1: Dimensions

1	Scope		
2	Normative reference		
3	Terms and definitions		
4	Dimensions	Details of measurement refer to Dimensions Table	P
/	Annex A (informative) General ergonomic principles and explanations to Table 1		

Dimensions Measurement of EN 527-1:

Dimensions			☐ Type A	☐ Type B	☐ Type C	☒ Type D	Measurement	Result
			Fully adjustable	Fully selectable	Fixed height	Limited adjustable or limited selectable		
h ₁	Height of the work surface	Sitting only	Min 650-850	Min 650-850	740±20	- Min Max + Y 680 760 Y	/	N/A
		Standing only	Min 950-1250	Min 950-1250	1050±20	- Min Max + Y 100 0 118 0 Y	/	N/A
		Sit/stand	Min 650-1250	N/A	N/A	Min 680-1180	630 ~ 1280	P
t ₁ and t ₂	Maximum desk top thickness	At the front, t ₁	55	55	70	70	25 mm	P
		At 500mm from the front edge, t ₂	80	90	100	100	80 mm	P
k ₁	Minimum height of knee clearance for standing position only	Applies only to table with a height more than 850mm	700	700	700	700	825	P
k ₂	Minimum depth of knee clearance for standing position only	—	80	80	80	80	>80	P
k ₃	Minimum depth of foot clearance for standing position only	—	150	150	150	150	>150	P
f ₁ and f ₂	Minimum height of minimum foot clearance	Sitting only and sit/stand from 600mm to 800mm from the front edge, f ₁	120	120	120	120	> 120 mm	P
		Standing only from front edge to 150 mm, f ₂	120	120	120	120	/	N/A
g ₁	Minimum legroom depth	Sitting only and sit/stand	800	800	800	800	800 mm	P

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D	Minimum desk top depth	–	800	800	800	800	800 mm	P
W	Minimum legroom width	Sitting only and sit/stand	1200	1000	850	850	1385 mm	P
		Standing only	790	790	790	790	/	N/A

EN 527-2: 2016 Office furniture – Work tables – Part 2: Safety, strength and durability requirements			
1	Scope		
2	Normative references		
3	Terms and definitions		
4	Safety requirements		/
4.1	General		P
4.2	Shear and squeeze points		/
4.2.1	Shear and squeeze points when setting and folding		P
4.2.2	Shear and squeeze points under influence of powered mechanism		P
4.2.3	Shear and squeeze points during use		P
4.3	Stability requirements	Refer to cl. 7.2 and cl.7.3 of EN 1730 in table 1	P
4.4	Structural safety requirements	Refer to cl. 5.2	P
5	Strength and durability		
5.1	General	Refer to below clause(s)	/
1	Durability of height adjustment mechanisms (EN 1730:2012, cl.8)		P
2.1	Horizontal static load test (EN 1730:2012, cl.6.2)		P
2.2	Additional horizontal static load test for adjustable tables with a height more than 950 mm (EN 1730:2012, cl.6.2)		P
3.1	Vertical static load test (EN 1730:2012, cl.6.3.1)		P
3.2	Additional vertical static load test for adjustable tables with a height more than 950 mm (EN 1730:2012, cl.6.3.1)		P
4	Horizontal durability test (EN 1730:2012, cl.6.4.1 and cl. 6.4.2)		P
5	Stiffness of structure (EN 1730:2012, cl.6.4.1 and cl. 6.4.3)		P (3mm / 3 mm)
6	Vertical durability test (EN 1730:2012, cl.6.5)		P
7	Durability of tables with casters (EN 1730:2012, cl.6.8)		N/A
8	Vertical impact test		P

[illegible]

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Clause	Anforderungen - Prüfungen / Requirements - Tests	Measuring results - Remarks	Evaluation

Tests	Reference	Parameters	Value
adjustable tables with a height more than 950 mm ^b			
4. Horizontal durability test ^a	EN 1730:2012, 6.4.1, 6.4.2	Load on the table top, kg: Force, N: Cycles:	50 300 10 000
5. Stiffness of the structure ^a	EN 1730:2012, 6.4.1 and 6.4.3	Load on the table top, kg: Force, N:	0 200
6. Vertical durability test ^a	EN 1730:2012, 6.5	Force, N: Cycles:	400 10 000
7. Durability of tables with castors	EN 1730:2012, 6.8	Load on the table top, kg: Cycles:	50 2 000
8. Vertical impact test ^a	EN 1730:2012, 6.6	Drop height, mm : Cycles	140 10
9. Drop test ^a	EN 1730:2012, 6.9	Nominal drop height, mm:	100
10. Stability under vertical load ^e	EN 1730:2012, 7.2	Force, N V ₁ V ₂	750 750
11. Stability for work tables extension elements ^e	EN 1730:2012, 7.3	Force, N	400
^a Height adjustable tables shall be adjusted to their maximum height or 950 mm table top height, whichever is the lower. ^b Adjust the work table to its maximum height ^c Either minimum 50 kg or nominal load according to the manufacturer's instruction whichever is the greater ^d This test is only applicable to electrically operated height adjustment mechanisms. ^e The tests of the stability Clauses 10 and 11 may be carried out additionally at the very beginning as an option.			

Note:

None

Remark:

- List of used test equipment could be traceable and provided separately upon request.
- Clause(s) with the symbol " / " in the result refers to the result(s) of its sub-clause(s).
- Detailed information regarding measurement uncertainty is available in the test laboratory(s) and could be shown on client request. Deviation report in Simplified Chinese is available on client's request.

*** End of test report ***