

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

- › [Stabila](#) /
- › [Stabila 29459 36-59In Extendable Level Series 80T User Manual](#)

Stabila 29459

Stabila 29459 36-59In Extendable Level Series 80T User Manual

Model: 29459 | Brand: Stabila

[Introduction](#) [Product Overview](#) [Setup](#) [Operation](#) [Maintenance](#) [Specifications](#)
[Warranty & Support](#)

1. INTRODUCTION

This manual provides detailed instructions for the safe and effective use of your Stabila 29459 36-59In Extendable Level Series 80T. Please read this manual thoroughly before operating the tool to ensure optimal performance and longevity. This extendable level is designed for precision measurement and marking in various construction and carpentry applications.



Image 1: The Stabila 29459 36-59In Extendable Level Series 80T in its compact form.

2. PRODUCT OVERVIEW AND FEATURES

The Stabila Series 80T Extendable Level is engineered to adapt to various measurement requirements, eliminating the need for multiple fixed-length levels. Its robust design and precise components ensure reliable performance.

Key Features:

- **Extendable Length:** Adjusts from 36 inches to 59 inches to suit diverse tasks.

- **Continuous Marking and Cutting Edge:** Ensures uninterrupted measurement and marking along the entire extended length.
- **Milled Measuring Surface:** Provides a precision-machined surface for accurate readings.
- **Printed Scale:** Features a scale along the top frame for precise layout and quick adjustments.
- **Length Lock System:** A manual lock system securely fastens the level at the desired length.
- **End Caps with Anti-slip Wall Grips:** Enhances stability and prevents slipping during use.
- **Accurate Vials:** Equipped with high-quality vials for reliable level and plumb indications.



Image 2: Illustration of the Stabila 80 T Extendable Level highlighting key features like the extension lock and printed scale. Note: This image shows a 25-41 inch model, but the instructions apply to the 36-59 inch model.

3. SETUP

Before using your Stabila extendable level, ensure it is clean and free from debris. Follow these steps to prepare the level for your task:

1. **Unpack the Level:** Carefully remove the level from its packaging. Inspect for any visible damage.
2. **Extend the Level:** Hold the main body of the level firmly. Grasp the movable section and gently pull it outwards to extend the level to your desired length.
3. **Lock the Length:** Once the desired length is achieved, locate the manual lock system (typically a rotating knob or lever). Rotate or engage the lock to firmly secure the extended section in place. Ensure the level is rigid and does not slide freely.
4. **Check Vials:** Before each use, quickly verify the accuracy of the vials by placing the level on a known level surface. The bubble should be centered between the indicator lines.

4. OPERATING INSTRUCTIONS

The Stabila 80T Extendable Level is designed for precise horizontal and vertical leveling, as well as

marking. Always ensure the level is securely locked at the desired length before use.

4.1. Horizontal Leveling

1. Place the milled measuring surface of the level onto the surface you wish to check for levelness.
2. Observe the horizontal vial. The bubble should be precisely centered between the two indicator lines.
3. Adjust the workpiece or the level's position until the bubble is centered, indicating a perfectly level surface.

4.2. Vertical Leveling (Plumb)

1. Position the side of the level against the vertical surface you wish to check for plumb.
2. Observe the vertical vial. The bubble should be precisely centered between the two indicator lines.
3. Adjust the workpiece or the level's position until the bubble is centered, indicating a perfectly plumb surface.

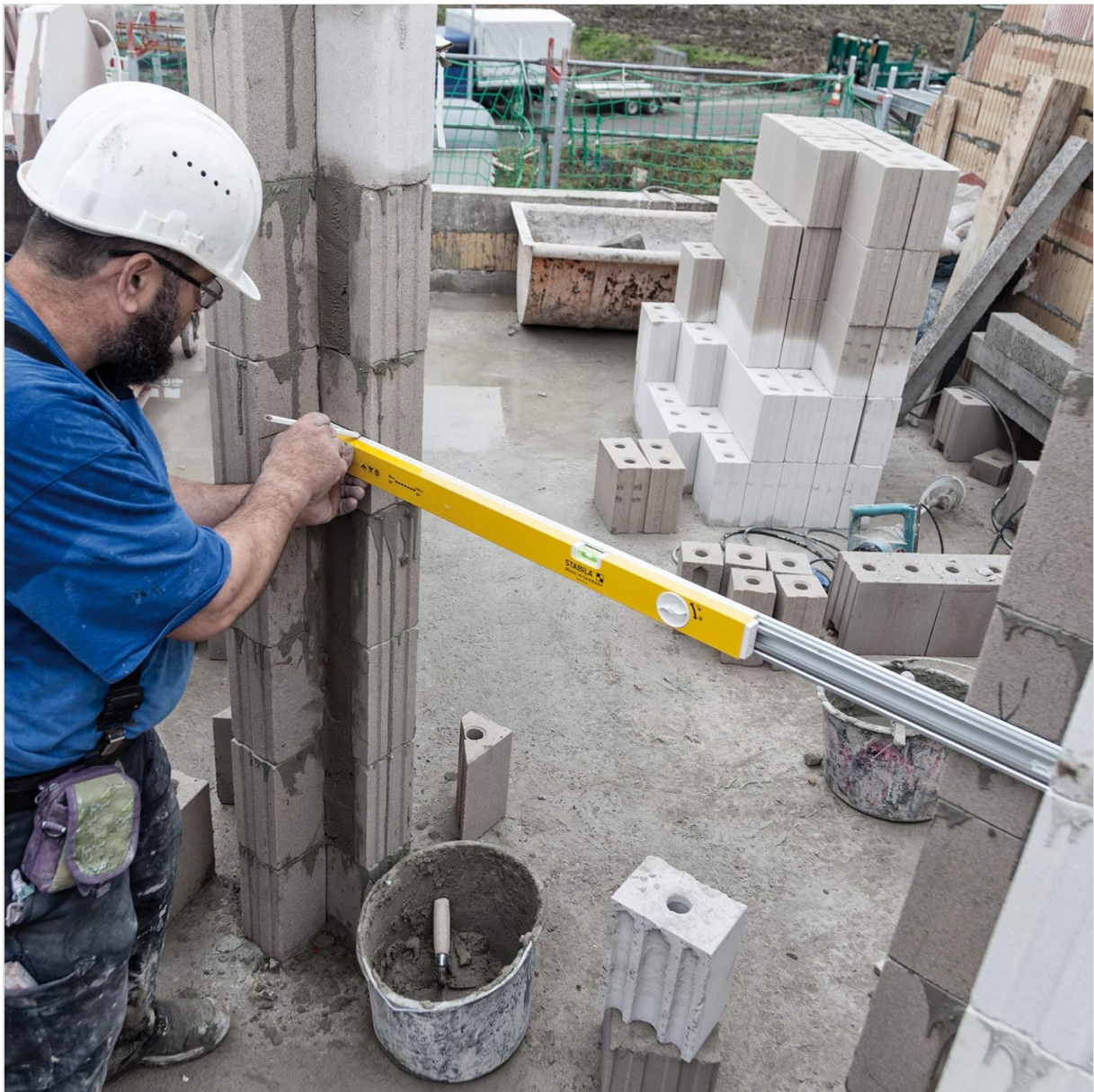


Image 3: A construction worker using the Stabila extendable level to verify the vertical alignment of a concrete block wall.

4.3. Marking and Layout

The continuous marking and cutting edge, along with the printed scale, allows for accurate marking and layout tasks.

- Use the printed scale on the top frame for quick measurements and setting out specific lengths.
- The continuous edge ensures a straight line for marking or guiding cutting tools, even when the level is extended.



Image 4: A worker using the Stabila extendable level to check the horizontal alignment of a window frame during installation.





Image 5: A worker using the Stabila extendable level to verify the vertical alignment of a door frame, demonstrating its utility for tall structures.

5. MAINTENANCE

Proper maintenance ensures the accuracy and extends the lifespan of your Stabila level.

- **Cleaning:** After each use, wipe down the level with a clean, damp cloth to remove dust, dirt, and construction debris. Avoid abrasive cleaners or solvents that could damage the finish or vials.
- **Storage:** Store the level in a dry place, preferably in its original packaging or a protective case, to prevent damage from impacts or extreme temperatures.
- **Inspection:** Regularly inspect the vials for clarity and ensure they are securely seated. Check the end caps and anti-slip grips for wear or damage.
- **Accuracy Check:** Periodically check the level's accuracy against a known true level or plumb surface. If the level appears inaccurate, it may require professional calibration or replacement.

6. TROUBLESHOOTING

If you encounter issues with your Stabila extendable level, consider the following common problems and solutions:

- **Bubble Not Centered:**
 - Ensure the surface you are measuring is truly level or plumb.
 - Check if the level is placed firmly and evenly on the surface.
 - Verify that the extension lock is fully engaged and the level is not flexing.
 - If the issue persists, the level may have been subjected to impact and its accuracy compromised.
- **Extension Mechanism Sticking:**
 - Clean the sliding mechanism thoroughly to remove any accumulated dirt or debris.
 - Apply a small amount of dry lubricant (e.g., silicone spray) to the sliding surfaces, avoiding contact with the vials.
- **End Caps Loose or Damaged:**
 - Ensure end caps are securely fitted. If damaged, contact Stabila customer support for replacement parts.

7. SPECIFICATIONS

Feature	Detail
Model Number	29459
Brand	Stabila
Material	Metal
Color	Yellow
Extendable Length	36 inches to 59 inches
Product Dimensions (Compact)	Approximately 16"L x 2.5"W (initial compact length)
Item Weight	1 Pound
Operation Mode	Manual
Power Source	Hand-powered

Feature	Detail
UPC	089634294597





8. WARRANTY AND SUPPORT

Warranty: Stabila guarantees the accuracy of their vials for the life of the level. This warranty may be voided by a bent frame or evidence of abuse. Please retain your proof of purchase for warranty claims.

Customer Support: For technical assistance, warranty inquiries, or to purchase replacement parts, please contact Stabila customer service through their official website or authorized distributors. Refer to the Stabila website for the most current contact information.

© 2023 Stabila. All rights reserved. This manual is for informational purposes only.

Related Documents - 29459

 <p>LD 320</p>	<p>STABILA LD 320 Laser Distance Measuring Instrument User Manual</p> <p>Comprehensive user manual for the STABILA LD 320 laser distance measuring instrument, covering setup, operations, measuring functions, technical specifications, and safety guidelines.</p>
 <p>LD 220</p>	<p>STABILA LD 220 Laser Distance Meter User Manual</p> <p>Comprehensive user manual for the STABILA LD 220 laser distance meter, covering product overview, instrument setup, technical specifications, message codes, warranty, and contact information.</p>
 <p>LAX 600 series</p>	<p>STABILA LAX 600 Series Operating Instructions</p> <p>Comprehensive operating instructions for the STABILA LAX 600 series laser level, covering intended use, unit components, commissioning, functions, LED indicators, bracket usage, accuracy checks, and technical specifications. Includes safety guidelines and operational procedures.</p>
 <p>LD 520</p>	<p>STABILA LD 520 Laser Distance Measurer User Manual and Technical Guide</p> <p>Comprehensive user manual for the STABILA LD 520 laser distance measurer, detailing its features, operations, settings, functions, technical specifications, safety guidelines, and troubleshooting information.</p>



[STABILA LAR 160 / LAR 160 G Rotary Laser Level User Manual](#)

User manual for the STABILA LAR 160 and LAR 160 G rotary laser levels. Includes operating instructions, safety information, functions, technical specifications, and accuracy checks for professional use on construction sites.

Table of Contents	
Introduction	1
1. Safety	2
2. Description	3
3. Operation	4
4. Maintenance	5
5. Troubleshooting	6
6. Accessories	7
7. Technical Data	8
8. Declaration of Conformity	9
9. Index	10
10. Glossary	11
11. Appendix	12
12. Index	13
13. Glossary	14
14. Appendix	15
15. Index	16
16. Glossary	17
17. Appendix	18
18. Index	19
19. Glossary	20
20. Appendix	21
21. Index	22
22. Glossary	23
23. Appendix	24
24. Index	25
25. Glossary	26
26. Appendix	27
27. Index	28
28. Glossary	29
29. Appendix	30
30. Index	31
31. Glossary	32
32. Appendix	33
33. Index	34
34. Glossary	35
35. Appendix	36
36. Index	37
37. Glossary	38
38. Appendix	39
39. Index	40
40. Glossary	41
41. Appendix	42
42. Index	43
43. Glossary	44
44. Appendix	45
45. Index	46
46. Glossary	47
47. Appendix	48
48. Index	49
49. Glossary	50
50. Appendix	51
51. Index	52
52. Glossary	53
53. Appendix	54
54. Index	55
55. Glossary	56
56. Appendix	57
57. Index	58
58. Glossary	59
59. Appendix	60
60. Index	61
61. Glossary	62
62. Appendix	63
63. Index	64
64. Glossary	65
65. Appendix	66
66. Index	67
67. Glossary	68
68. Appendix	69
69. Index	70
70. Glossary	71
71. Appendix	72
72. Index	73
73. Glossary	74
74. Appendix	75
75. Index	76
76. Glossary	77
77. Appendix	78
78. Index	79
79. Glossary	80
80. Appendix	81
81. Index	82
82. Glossary	83
83. Appendix	84
84. Index	85
85. Glossary	86
86. Appendix	87
87. Index	88
88. Glossary	89
89. Appendix	90
90. Index	91
91. Glossary	92
92. Appendix	93
93. Index	94
94. Glossary	95
95. Appendix	96
96. Index	97
97. Glossary	98
98. Appendix	99
99. Index	100
100. Glossary	101
101. Appendix	102
102. Index	103
103. Glossary	104
104. Appendix	105
105. Index	106
106. Glossary	107
107. Appendix	108
108. Index	109
109. Glossary	110
110. Appendix	111
111. Index	112
112. Glossary	113
113. Appendix	114
114. Index	115
115. Glossary	116
116. Appendix	117
117. Index	118
118. Glossary	119
119. Appendix	120
120. Index	121
121. Glossary	122
122. Appendix	123
123. Index	124
124. Glossary	125
125. Appendix	126
126. Index	127
127. Glossary	128
128. Appendix	129
129. Index	130
130. Glossary	131
131. Appendix	132
132. Index	133
133. Glossary	134
134. Appendix	135
135. Index	136
136. Glossary	137
137. Appendix	138
138. Index	139
139. Glossary	140
140. Appendix	141
141. Index	142
142. Glossary	143
143. Appendix	144
144. Index	145
145. Glossary	146
146. Appendix	147
147. Index	148
148. Glossary	149
149. Appendix	150
150. Index	151
151. Glossary	152
152. Appendix	153
153. Index	154
154. Glossary	155
155. Appendix	156
156. Index	157
157. Glossary	158
158. Appendix	159
159. Index	160
160. Glossary	161
161. Appendix	162
162. Index	163
163. Glossary	164
164. Appendix	165
165. Index	166
166. Glossary	167
167. Appendix	168
168. Index	169
169. Glossary	170
170. Appendix	171
171. Index	172
172. Glossary	173
173. Appendix	174
174. Index	175
175. Glossary	176
176. Appendix	177
177. Index	178
178. Glossary	179
179. Appendix	180
180. Index	181
181. Glossary	182
182. Appendix	183
183. Index	184
184. Glossary	185
185. Appendix	186
186. Index	187
187. Glossary	188
188. Appendix	189
189. Index	190
190. Glossary	191
191. Appendix	192
192. Index	193
193. Glossary	194
194. Appendix	195
195. Index	196
196. Glossary	197
197. Appendix	198
198. Index	199
199. Glossary	200
200. Appendix	201
201. Index	202
202. Glossary	203
203. Appendix	204
204. Index	205
205. Glossary	206
206. Appendix	207
207. Index	208
208. Glossary	209
209. Appendix	210
210. Index	211
211. Glossary	212
212. Appendix	213
213. Index	214
214. Glossary	215
215. Appendix	216
216. Index	217
217. Glossary	218
218. Appendix	219
219. Index	220
220. Glossary	221
221. Appendix	222
222. Index	223
223. Glossary	224
224. Appendix	225
225. Index	226
226. Glossary	227
227. Appendix	228
228. Index	229
229. Glossary	230
230. Appendix	231
231. Index	232
232. Glossary	233
233. Appendix	234
234. Index	235
235. Glossary	236
236. Appendix	237
237. Index	238
238. Glossary	239
239. Appendix	240
240. Index	241
241. Glossary	242
242. Appendix	243
243. Index	244
244. Glossary	245
245. Appendix	246
246. Index	247
247. Glossary	248
248. Appendix	249
249. Index	250
250. Glossary	251
251. Appendix	252
252. Index	253
253. Glossary	254
254. Appendix	255
255. Index	256
256. Glossary	257
257. Appendix	258
258. Index	259
259. Glossary	260
260. Appendix	261
261. Index	262
262. Glossary	263
263. Appendix	264
264. Index	265
265. Glossary	266
266. Appendix	267
267. Index	268
268. Glossary	269
269. Appendix	270
270. Index	271
271. Glossary	272
272. Appendix	273
273. Index	274
274. Glossary	275
275. Appendix	276
276. Index	277
277. Glossary	278
278. Appendix	279
279. Index	280
280. Glossary	281
281. Appendix	282
282. Index	283
283. Glossary	284
284. Appendix	285
285. Index	286
286. Glossary	287
287. Appendix	288
288. Index	289
289. Glossary	290
290. Appendix	291
291. Index	292
292. Glossary	293
293. Appendix	294
294. Index	295
295. Glossary	296
296. Appendix	297
297. Index	298
298. Glossary	299
299. Appendix	300
300. Index	301
301. Glossary	302
302. Appendix	303
303. Index	304
304. Glossary	305
305. Appendix	306
306. Index	307
307. Glossary	308
308. Appendix	309
309. Index	310
310. Glossary	311
311. Appendix	312
312. Index	313
313. Glossary	314
314. Appendix	315
315. Index	316
316. Glossary	317
317. Appendix	318
318. Index	319
319. Glossary	320
320. Appendix	321
321. Index	322
322. Glossary	323
323. Appendix	324
324. Index	325
325. Glossary	326
326. Appendix	327
327. Index	328
328. Glossary	329
329. Appendix	330
330. Index	331
331. Glossary	332
332. Appendix	333
333. Index	334
334. Glossary	335
335. Appendix	336
336. Index	337
337. Glossary	338
338. Appendix	339
339. Index	340
340. Glossary	341
341. Appendix	342
342. Index	343
343. Glossary	344
344. Appendix	345
345. Index	346
346. Glossary	347
347. Appendix	348
348. Index	349
349. Glossary	350
350. Appendix	351
351. Index	352
352. Glossary	353
353. Appendix	354
354. Index	355
355. Glossary	356
356. Appendix	357
357. Index	358
358. Glossary	359
359. Appendix	360
360. Index	361
361. Glossary	362
362. Appendix	363
363. Index	364
364. Glossary	365
365. Appendix	366
366. Index	367
367. Glossary	368
368. Appendix	369
369. Index	370
370. Glossary	371
371. Appendix	372
372. Index	373
373. Glossary	374
374. Appendix	375
375. Index	376
376. Glossary	377
377. Appendix	378
378. Index	379
379. Glossary	380
380. Appendix	381
381. Index	382
382. Glossary	383
383. Appendix	384
384. Index	385
385. Glossary	386
386. Appendix	387
387. Index	388
388. Glossary	389
389. Appendix	390
390. Index	391
391. Glossary	392
392. Appendix	393
393. Index	394
394. Glossary	395
395. Appendix	396
396. Index	397
397. Glossary	398
398. Appendix	399
399. Index	400
400. Glossary	401
401. Appendix	402
402. Index	403
403. Glossary	404
404. Appendix	405
405. Index	406
406. Glossary	407
407. Appendix	408
408. Index	409
409. Glossary	410
410. Appendix	411
411. Index	412
412. Glossary	413
413. Appendix	414
414. Index	415
415. Glossary	416
416. Appendix	417
417. Index	418
418. Glossary	419
419. Appendix	420
420. Index	421
421. Glossary	422
422. Appendix	423
423. Index	424
424. Glossary	425
425. Appendix	426
426. Index	427
427. Glossary	428
428. Appendix	429
429. Index	430
430. Glossary	431
431. Appendix	432
432. Index	433
433. Glossary	434
434. Appendix	435
435. Index	436
436. Glossary	437
437. Appendix	438
438. Index	439
439. Glossary	440
440. Appendix	441
441. Index	442
442. Glossary	443
443. Appendix	444
444. Index	445
445. Glossary	446
446. Appendix	447
447. Index	448
448. Glossary	449
449. Appendix	450
450. Index	451
451. Glossary	452
452. Appendix	453
453. Index	454
454. Glossary	455
455. Appendix	456
456. Index	457
457. Glossary	458
458. Appendix	459
459. Index	460
460. Glossary	461
461. Appendix	462
462. Index	463
463. Glossary	464
464. Appendix	465
465. Index	466
466. Glossary	467
467. Appendix	468
468. Index	469
469. Glossary	470
470. Appendix	471
471. Index	472
472. Glossary	473
473. Appendix	474
474. Index	475
475. Glossary	476
476. Appendix	477
477. Index	478
478. Glossary	479
479. Appendix	480
480. Index	481
481. Glossary	482
482. Appendix	483
483. Index	484
484. Glossary	485
485. Appendix	486
486. Index	487
487. Glossary	488
488. Appendix	489
489. Index	490
490. Glossary	491
491. Appendix	492
492. Index	493
493. Glossary	494
494. Appendix	495
495. Index	496
496. Glossary	497
497. Appendix	498
498. Index	499
499. Glossary	500
500. Appendix	501
501. Index	502
502. Glossary	503
503. Appendix	504
504. Index	505
505. Glossary	506
506. Appendix	507
507. Index	508
508. Glossary	509
509. Appendix	510
510. Index	511
511. Glossary	512
512. Appendix	513
513. Index	514
514. Glossary	515
515. Appendix	516
516. Index	517
517. Glossary	518
518. Appendix	519
519. Index	520
520. Glossary	521
521. Appendix	522
522. Index	523
523. Glossary	524
524. Appendix	525
525. Index	526
526. Glossary	527
527. Appendix	528
528. Index	529
529. Glossary	530
530. Appendix	531
531. Index	532
532. Glossary	533
533. Appendix	534
534. Index	535
535. Glossary	536
536. Appendix	537
537. Index	538
538. Glossary	539
539. Appendix	540
540. Index	541
541. Glossary	542
542. Appendix	543
543. Index	544
544. Glossary	545
545. Appendix	546
546. Index	547
547. Glossary	548
548. Appendix	549
549. Index	550
550. Glossary	551
551. Appendix	552