

STABILA®



U.S.A. / CANADA



PRODUCT CATALOG

STABILA Defined.

We are a German manufacturer of specialty measuring and layout tools.

Our products are the preferred choice of professionals around the world. STABILA precision measuring tools perform faster and easier allowing you to be more profitable.

The STABILA line of products are factory tested and are job site durable. Our tools are able to handle real construction site conditions, all the while providing tradespeople the dependability and consistent accuracy they expect and deserve.

STABILA Accuracy.

All accuracy tolerances stated by STABILA are absolute values. STABILA products will never perform below their stated accuracy.

STABILA Warranty.

SPIRIT LEVELS

STABILA levels remain accurate indefinitely. Vials on all STABILA levels will not fog, leak, or become inaccurate. Damaged or bent vials and damaged frames void warranty.

LASERS and TECH LEVELS

We repair, without charge, any defects due to faulty materials or workmanship for 2 years from date of purchase. 48 hours service turnaround time. **5 year free calibration on Rotary Lasers**

*Customer pays shipping.

ACCESSORIES

Tape Measures, Tripods, Cases, Grade Rods, Etc. 30 day warranty against manufacturer defects from the date of purchase.

STABILA requires original proof of purchase receipt from a U.S.A./Canada dealer



Table of Contents:

Level Engineering 3

Spirit Levels 5

Electronic Levels 18

Rotary, Line and Point Lasers 23

Laser Distance Measurers 36

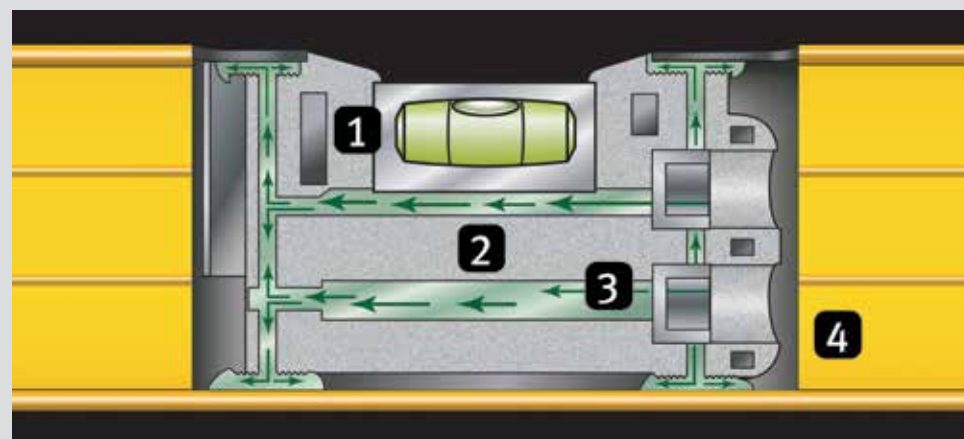
Laser Accessories 41

Tapes and Rules 42



Engineered with Micrometer Precision

When STABILA spirit levels are manufactured, vials, vial block holders, and measuring surfaces are adjusted precisely to each other before being permanently bonded together with synthetic resin. STABILA's meticulous production processes ensure all components are parallel and unshakably aligned to one another so that spirit levels measure accurately after many years of rugged use.



STABILA Installation Technology

The unique installation technology ensures long-term accuracy. In a special casting process, the components of the spirit level are firmly bonded forever. You can trust that your spirit level will maintain its accuracy for life. It remains accurate, just as it was on the first day. No readjustments, no doubts. Always accurate measurements – even under the most difficult job conditions.

- 1 Vial
- 2 Vial Block Holder
- 3 High Strength Epoxy
- 4 Level Frame

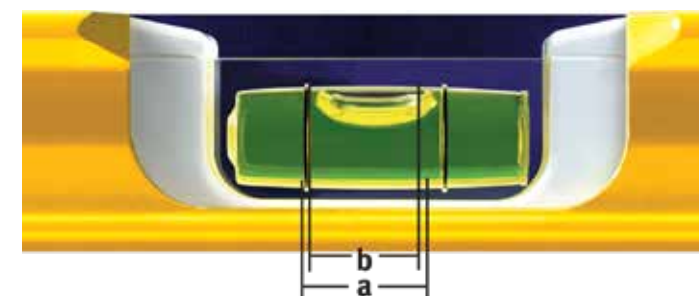
STABILA Vials

The vial block is made of high-quality, shatterproof, and easy-to-clean acrylic glass. The exterior surfaces must be as flat as possible to prevent light refracting when reading the vial. The interior walls of the vial are precision-ground and the corrosion-free reference rings are flush with the surface - this allows the vial bubble to move freely and unhindered, ensuring maximum measuring precision.



Anti-Static Factor: STABILA vials prevent the movement of the vial being influenced by static loading or mechanical influences.

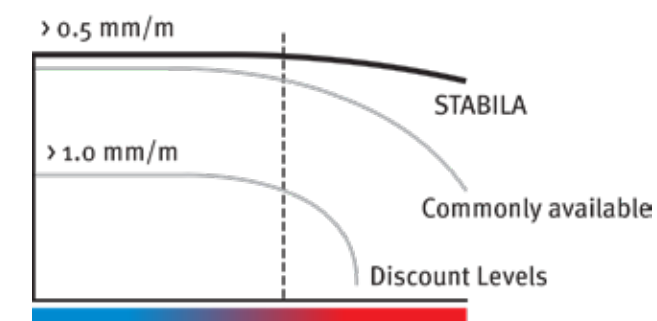
UV Protection: The fluorescent vial liquid has high resistance against UV rays. This prevents the liquid from fading. The color contrast allows for good readability in all types of light.



Optimum Readability

STABILA spirit levels are extremely temperature-resistant. The bubble size and reference rings are designed to ensure optimum readability, even at high and low temperatures. This guarantees exact readings from -20°C to 50°C . The size of the vial bubble is always within the reference rings; from (a) at -20°C to (b) at 50°C .

Temperature-Stable





STABILA levels are manufactured with German precision.

The quality built into our levels proves they will withstand the job site.

Tools need to perform on the construction site. You need to rely on your tools day in and day out. Just imagine this scenario one day on the job site: your spirit level accidentally falls from the scaffolding and takes a hard bounce. But when you retrieve it, you notice it's okay and just as accurate as it was the first day it was purchased. That is the STABILA quality!

STABILA spirit levels are constructed with a fixed molded vial which measures absolutely accurately even under demanding conditions – no readjustment necessary. For this reason craftsmen worldwide trust our spirit levels.

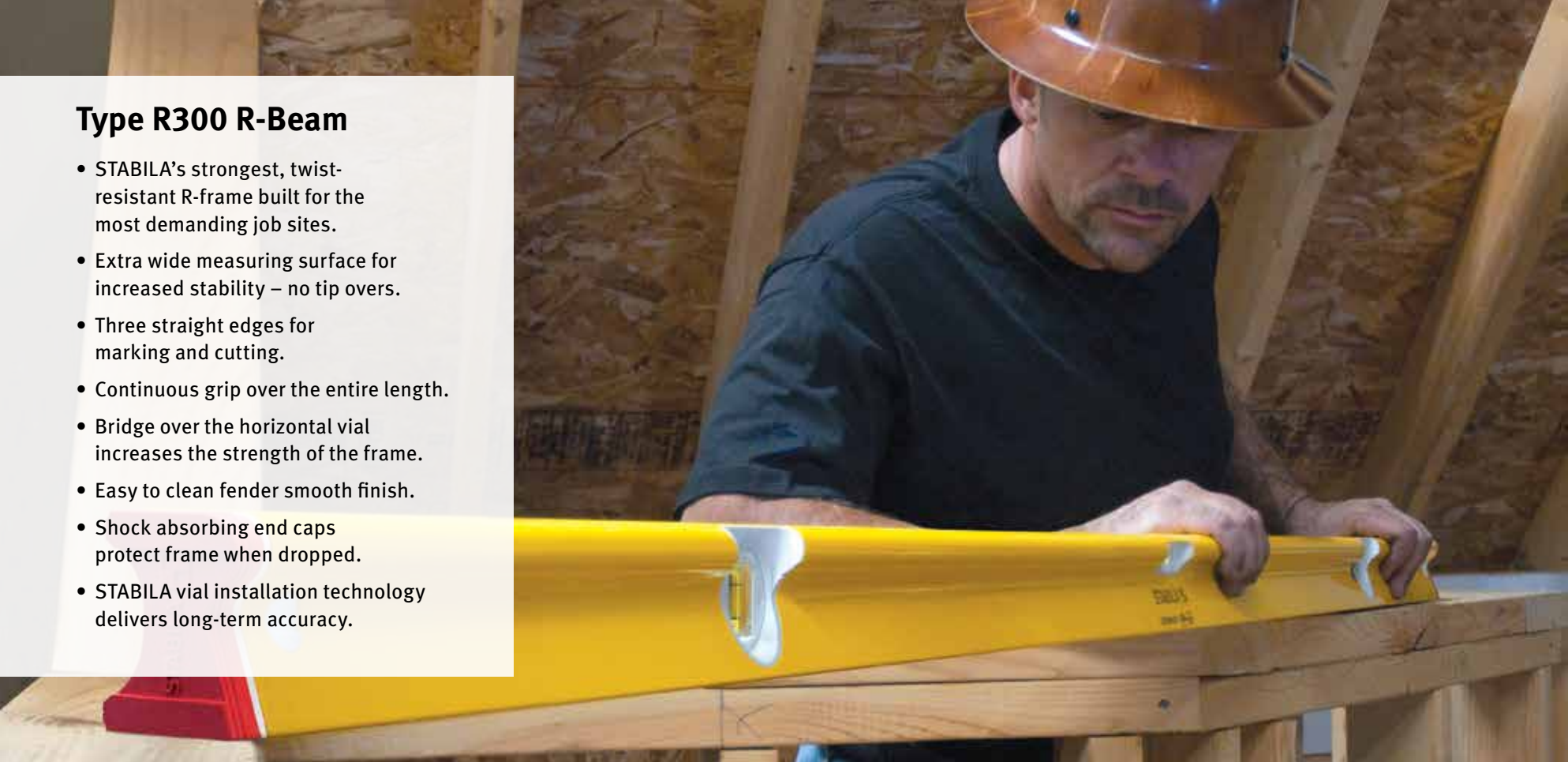
At STABILA, we offer craftsman a variety of levels specific to their trade: depending on their requirements and trade needs we have manufactured levels ranging from - lightweight or rugged, short or long, and levels which were designed for a particular trade.

Spirit Levels					
	Type R300 R-Beam	Type 196	Type 96M	Type 196 TECH	Type 196-2 K
					
Profile	Torsion-Resistant 5-Chamber 'R' Profile	Ultra-Rigid Aluminum Rectangular Profile Reinforcing Ribs	Ultra-Rigid Aluminum Rectangular Profile Reinforcing Ribs	Ultra-Rigid Aluminum Rectangular Profile Reinforcing Ribs	Ultra-Rigid Aluminum Rectangular Profile Reinforcing Ribs
Accuracy - Normal Position	± 1/32in @ 72in	± 1/32in @ 72in	± 1/32in @ 72in	± 1/32in @ 72in	± 1/32in @ 72in
Accuracy - Reverse Position	± 1/32in @ 72in	± 1/32in @ 72in	± 1/32in @ 72in	± 1/32in @ 72in	± 1/32in @ 72in
End Caps	Anti-Slip Stopper/ Shock-Absorbing/ Removable	Anti-Slip Stopper/ Shock-Absorbing/ Removable	Anti-Slip Stopper/ Shock-Absorbing/ Removable	Anti-Slip Stopper/ Shock-Absorbing/ Removable	Anti-Slip Stopper/ Shock-Absorbing/ Removable
Lengths	24", 32", 48", 72", 96"	16" through 96"	16" through 96"	9" through 72"	16", 24", 36", 48"
Additional Features					
	—	—	Recessed Rare Earth Magnets	2 Digital Displays	Integrated Blow Shields

Spirit Levels						
Type 106 T/106 TM	Type 80 T	Type 80 AS-2/AS M-2	Type 70 A	Measuring Stick	Torpedoes	Pocket Levels
						
3-Chamber Aluminum Rectangular Profile Reinforcing Ribs	Smooth Aluminum Rectangular Profile	Aluminum Profile with Reinforcing Ribs	Smooth Aluminum Rectangular Profile	Smooth Aluminum Rectangular Profile	Die-Cast Aluminum	Plastic Profile with Aluminum Housing
± 1/32in @ 72in	± 1/32in @ 72in	± 1/32in @ 72in	± 1/32in @ 72in	± 1/32in @ 72in	± 1/32in @ 72in	± 1/16in @ 60in
± 3/64in @ 72in	± 3/64in @ 72in	± 3/64in @ 72in	± 3/64in @ 72in	± 3/64in @ 72in	± 3/64in @ 72in	—
Standard	Anti-Slip Wall Grips	Anti-Slip Wall Grips	Standard	Anti-Slip Wall Grips	—	—
6' » 10", 7' » 12'	24" » 40", 36" » 58"	8" through 72"	24", 48"	24", 48"	10"	1 5/8" x 2 5/8"
Type 106 TM Recessed Magnets	Telescopic System / Printed Scale	Recessed Rare Earth Magnets	—	Printed Scales	25100, 25245, 25360 Magnetic	Rare-Earth Magnet

Type R300 R-Beam

- STABILA's strongest, twist-resistant R-frame built for the most demanding job sites.
- Extra wide measuring surface for increased stability – no tip overs.
- Three straight edges for marking and cutting.
- Continuous grip over the entire length.
- Bridge over the horizontal vial increases the strength of the frame.
- Easy to clean fender smooth finish.
- Shock absorbing end caps protect frame when dropped.
- STABILA vial installation technology delivers long-term accuracy.



Type R300 R-Beam - Specifications

Type
Accuracy - Normal Position
Accuracy - Reverse Position
Measuring Surfaces
End Caps
Special Feature

Length
24"
32"
48"
72"
96"
R BEAM® 3 Level Set & Case

Type R300 R-Beam
±1/32in @ 72in
±1/32in @ 72in
2 x
Removable / Wall Grips / Shock Absorbing
Torsion-Resistant / Strong R-Beam Frame

Part #
41024
41032
41048
41072
41096
48415



Application / Additional Features



Extremely Durable:
Twist resistant five-chamber “R” frame. Developed for the most demanding jobs.



Extremely Stable:
Extra wide measuring surface. High level of protection from tipping over.



Precision Marking:
3 accurate marking and cutting edges over the full length.



Continuous Grip:
Handrail with finger hold over the full length. Continuous bridge over the horizontal vial.



Removable End Caps:
Allows exact positioning and transferring lines into tight corners.



Type 196 / 96M / 196 LED

- Strong aluminum profile with reinforcing ribs – for stability and secure hold.
- End caps with an anti-slip feature – for a firm grip when marking walls.
- Shock absorbing end caps protect frame when dropped.
- Removable end caps allow exact positioning and marking right up into corners.
- Spirit level with two precision-milled measuring surfaces. (up to 48", coated from 72")
- STABILA vial installation technology ensures long-term accuracy – suitable for measuring in normal and upside down positions.



Application / Additional Features

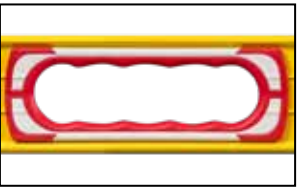


Type 196 and Type 96 M:
For progressive contractors who subject their tools to extremely demanding conditions

and need to measure in all positions – for example: bricklaying, carpentry, concrete, window installation, road construction and landscaping.



Type 96 M:
Rare-earth magnet system for extra-strong grip to metal objects. The magnets in the 78" level are positioned to grab hinge leaves in pre-hung doors.



Type 196 and Type 96 M:
Dual material handholes for comfort and grip.

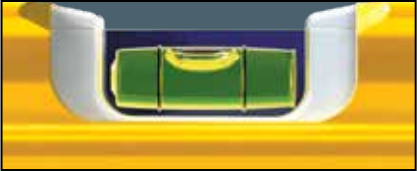


Type 196 LED:
For craftsmen who often work in dark or in poor visibility conditions.



Type 196 LED:
Removable battery replacement packs.
Cat. #20090

Type 196 / 96M /196 LED - Specifications



Vials read the same in all positions



Type	Type 196	Type 96M 	Type 196 LED
Accuracy - Normal Position	±1/32in @ 72in	±1/32in @ 72in	±1/32in @ 72in
Accuracy - Reverse Position	±1/32in @ 72in	±1/32in @ 72in	±1/32in @ 72in
Measuring Surfaces	2 x	2 x	2 x
End Caps	Removable / Wall Grips / Shock Absorbing	Removable / Wall Grips / Shock Absorbing	Removable / Wall Grips / Shock Absorbing
Special Feature	–	Recessed Rare Earth Magnet	2 LED Lights
Length	Part #	Part #	Part #
16"	37416	38616	–
24"	37424	38624	39324
32"	37432	38632	–
36"	37436	38636	–
48"	37448	38648	39340
58"	37459	–	–
72" *	37472	38672	–
78" *	37478	38678	–
96" *	37496	38696	–
78" & 32" Classic Jamber Set	37532	38532	–
78" & 32" Jamber Set	37540 w/ 80T	–	–
48" & 16" Classic Combo	37816	38816	–
58" * & 32" Tiler Set	37832	–	–
72" * & 32" Concrete Set	37872	–	–
96" & 48" Framers Set	37896	–	–
3 Level Set & Case	48375	48380	–
6 Level Set & Case	78296	78396	–

* Levels ≥ 58" have a continuous bridge over the horizontal vial.

Type 96-2 K / 196-2 K
Masons Level

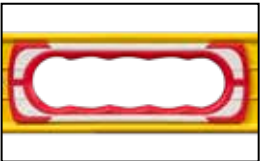
- Great for bricklayers.
- Strong aluminum frame with patented "Integrated Blow Shields" designed to protect frame and transfer energy from trowel impacts to work surfaces.
- Precision-milled measuring surface.
- Easy to clean with water and brush.
- One vertical vial is offset towards the center of the frame, which makes this level easy to read in measuring positions.
- Reinforcing ribs for enhanced strength and secure grip while working.
- Shock absorbing end caps protect frame when dropped.



Application / Additional Features



Type 196-2 K:
Especially suitable for masonry and hardscaping.



Type 196-2 K:
Dual material handholes for comfort and grip.



Type 196-2 K:
Easy water and brush clean up.

Type 96-2 K / 196-2 K
Masons Level - Specifications

Type
Accuracy - Normal Position
Accuracy - Reverse Position
Measuring Surfaces
End Caps
Special Feature
Length
16"
24"
36"
48"
3 Level Set & Case

Type 96-2 K
±1/32in @ 72in
±1/32in @ 72in
1 x
Removable / Wall Grips / Shock Absorbing
Impact Protection
Part #
36416
36424
-
-
-



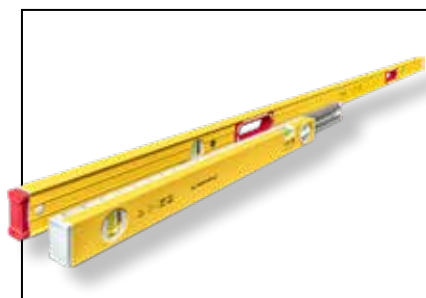
Type 196-2 K
±1/32in @ 72in
±1/32in @ 72in
1 x
Removable / Wall Grips / Shock Absorbing
Impact Protection/ Handholes
Part #
-
-
36436
36448
48296

Spirit Level Sets

Clever combination. There are various areas of application for spirit levels. For the perfect measuring result, you would ideally always use a spirit level that is as long as the component being aligned. The practical STABILA spirit level sets combine types and lengths that users typically require frequently. Taking a closer look is well worth it – and not just for first-time users.



JAMBER LEVEL SET



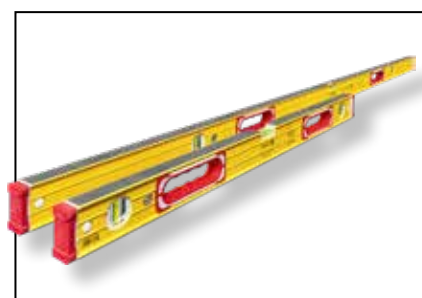
Cat# 37540

INCLUDED:

- TYPE 80T 24"-40" LEVEL
- TYPE 196-2 78" LEVEL



CONCRETE SET TYPE 196



Cat# 37872

INCLUDED:

- TYPE 196-2 32"/72" LEVEL

TILER SET TYPE 196



Cat# 37832

INCLUDED:

- TYPE 196-2 32"/58" LEVEL

FRAMER SET TYPE 196



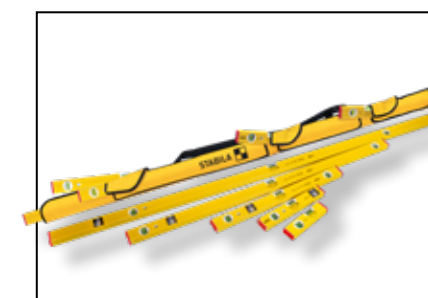
Cat# 37896

INCLUDED:

- TYPE 196-2 48"/96" LEVEL



COMPLETE 5 LEVEL SET & CASE



Cat# 29872

INCLUDED:

- TYPE 80 AS-2 8"-72" LEVEL

CLASSIC 6 LEVEL SET & CASE



Cat# 78296/78396

INCLUDED:

- TYPE 196-2 16", 24", 32", 48", & 78" LEVEL
- TYPE 81 S 10" TORPEDO LEVEL

CLASSIC JAMBER LEVEL SET



Cat# 37532/38532

INCLUDED:

- TYPE 196 32"/78" LEVEL

CLASSIC COMBO LEVEL SET



Cat# 37816/38816

INCLUDED:

- TYPE 196 16"/48" LEVEL

PRO SET TYPE 80 LEVEL SET & CASE



Cat# 29840/29940

INCLUDED:

- TYPE 80 AS-2 12", 24", & 48" LEVEL

R BEAM® 3 LEVEL SET & CASE



Cat# 48415

INCLUDED:

- TYPE R 300 24"/48" LEVEL
- TYPE 81 S 10" TORPEDO LEVEL

CLASSIC 3 LEVEL SET & CASE



Cat# 48375/48380

INCLUDED:

- TYPE 196-2 24"/48" LEVEL
- TYPE 81 S 10" TORPEDO LEVEL

MASON 3 LEVEL SET & CASE



Cat# 48296

INCLUDED:

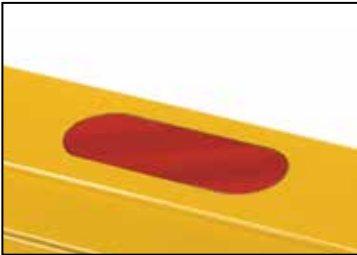
- TYPE 196-2 K 24"/48" LEVEL
- TYPE 81 S 10" TORPEDO LEVEL

Type 106 T - Plate Level®

- Extendable spirit level with strong multi-chamber aluminum frame and removable stand-offs that can reach around braces.
- Plumb vial always at eye level.
- Handholes for comfort and grip.
- Reinforcing ribs for high strength.
- Continuous bridge over horizontal vial increases frame strength.
- Plastic end caps protect the profile against impact.
- Two measuring surfaces for measuring in normal and reverse positions.
- STABILA vial technology delivers long-term accuracy.
- Scales printed on both sides of extension pole for fast set ups.



Application



Type 106 TM:

Rare Earth Magnetic Plate Levels adhere to metal with tremendous force. These magnetic levels allow you to work hands free with precision and speed.



Type 106 T:

The removable 1-5/8in stand-offs included deliver accurate plate to plate measurements around braces. They simply twist-on.



To help keep your plate level running optimally, we recommend installing a maintenance kit annually for Plate Levels used on a daily basis.
Cat. #33000

Type 106 TM - Plate Level®

- Strong rare-earth magnets grab steel. Work hands-free.
- Extendable spirit level with strong 3-chamber frame.
- Plumb vial always at eye level.
- Extremely long measuring surface thanks to a unique telescope system.
- Handholes for comfort and grip.
- Reinforcing ribs for high strength.
- Continuous bridge over horizontal vial increases frame strength.
- Plastic end caps protect the profile against impact.
- Two measuring surfaces for measuring in normal and reverse positions.
- STABILA vial technology delivers long-term accuracy.
- Scales printed on both sides of extension pole for fast set ups.



Type 106 T / 106 TM - Specifications

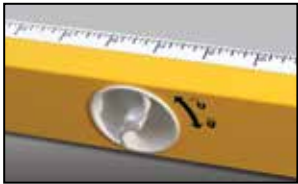
Type	Type 106 T	Type 106 TM
Accuracy - Normal Position	±1/32in @ 72in	±1/32in @ 72in
Accuracy - Normal Position (Extended)	±1/8in @ 120in	±1/8in @ 120in
Accuracy - Reverse Position	±3/64in @ 72in	±3/64in @ 72in
Measuring Surfaces	2 x	2 x
End Caps	Standard	Standard
Special Feature	Telescopic System / Stand-Offs	Telescopic System / Recessed Rare Earth Magnets
Length	Part #	Part #
6' – 10'	35610	34610
7' – 12'	35712	34712

Type 80 T

- A strong telescopic system for extending the measuring surface enables this spirit level to adjust to various different lengths.
- A continuous marking and cutting edge along the entire length of this level allows users to measure and mark simultaneously.
- Printed scale on the top of the frame helps users determine internal dimensions and clearances.
- Prevent inadvertent adjustments and fix the level at a specific length by using the LOCK feature.
- Anti-slip grips on the back of the level allow for a firm hold on walls.
- German engineered extension mechanism ensures highly accurate measurements. Accuracy tolerances are: ±1/32in @ 72in for normal position, ±3/64in @ 72in for reverse position, and ±1/16in @ 72in when extended.



Application / Additional Features



Printed scale to determine internal dimensions and clearances.



Marking and cutting edge along the entire length – measure and mark simultaneously, even when extended.



Type 80 T - Specifications

Type	Type 80 T
Accuracy - Normal Position	±1/32in @ 72in
Accuracy - Reverse Position	±3/64in @ 72in
Accuracy - Normal Position (Extended)	±1/16in @ 60in
Accuracy - Reverse Position (Extended)	±1/16in @ 60in
Measuring Surfaces	1 x
End Caps	Standard
Special Feature	Telescopic System / LOCK System

Length	Part #
24" – 40"	29441
36" – 58"	29459
Jamber Set	37540



Type 80 A-2 - The Measuring Stick - Specifications



- Three Layout Scales
- Double Sided Wall Grips
- Uninterrupted Frame
- Slope Indication Rings



Type
Accuracy - Normal Position
Accuracy - Reverse Position
End Caps
Special Feature

Length
24"
48"



Type 80 A-2
±1/32in @ 72in
±3/64in @ 72in
Standard / Wall Grips
Printed Scales

Part #
29124
29148



Type 80 AS-2 / 80 AS M-2

- STABILA's general construction level - Medium Duty
- Perfect for tile installers and all job site applications.

Type 80 AS-2 / 80 AS M-2 / 70 A-2 - Specifications

Type
Accuracy - Normal Position
Accuracy - Reverse Position
Measuring Surfaces
End Caps
Special Feature

Length
8"
12"
24"
48"
72"
Pro Set 12", 24", & 48"
72" Complete Level Set

Type 80 AS-2
±1/32in @ 72in
±3/64in @ 72in
2 x
Standard / Wall Grips
–
Part #
29008
29012
29024
29048
29072
29840
29872

Type 80 AS M-2
±1/32in @ 72in
±3/64in @ 72in
2 x
Standard / Wall Grips
Rare-Earth Magnets
Part #
–
29212
29224
29248
29272
29940
–

Type 70 A-2
±1/32in @ 72in
±3/64in @ 72in
2 x
Standard
–
Part #
–
–
22924
22948
–
–

Type 70 A-2

- STABILA's entry price point

TECH 700 DA

- Functions as an angle finder, a miter gauge and a classic spirit level.
- Quickly determine and transfer angles from 0° to 270°.
- Digital display lights up.
- LOCK function enables angles to be transferred.
- REF function allows users to quickly return to a previously recorded setting.
- Save measured values with the HOLD function.
- Displays the angle bisection at the touch of a button.
- Precise measuring results with an accuracy of ±0.1°.
- Protection class IP 54.
- Includes carrying case.
- 1 digital display, 1 horizontal vial, 1 vertical vial, 2 coated measuring surfaces.



TECH 700 DA - Specifications



Type
Accuracy - Normal Position
Accuracy - Reverse Position
Accuracy with Electronic Inclination Measurement
Measuring Range
Measuring Modes
Batteries
Protection Class

TECH 700 DA
±1/32in @ 72in
±3/64in @ 72in
± 0.1°
From 0° to 270°
Degrees
2 AA
IP 54

Length
18"
32"

Part #
39018
39032

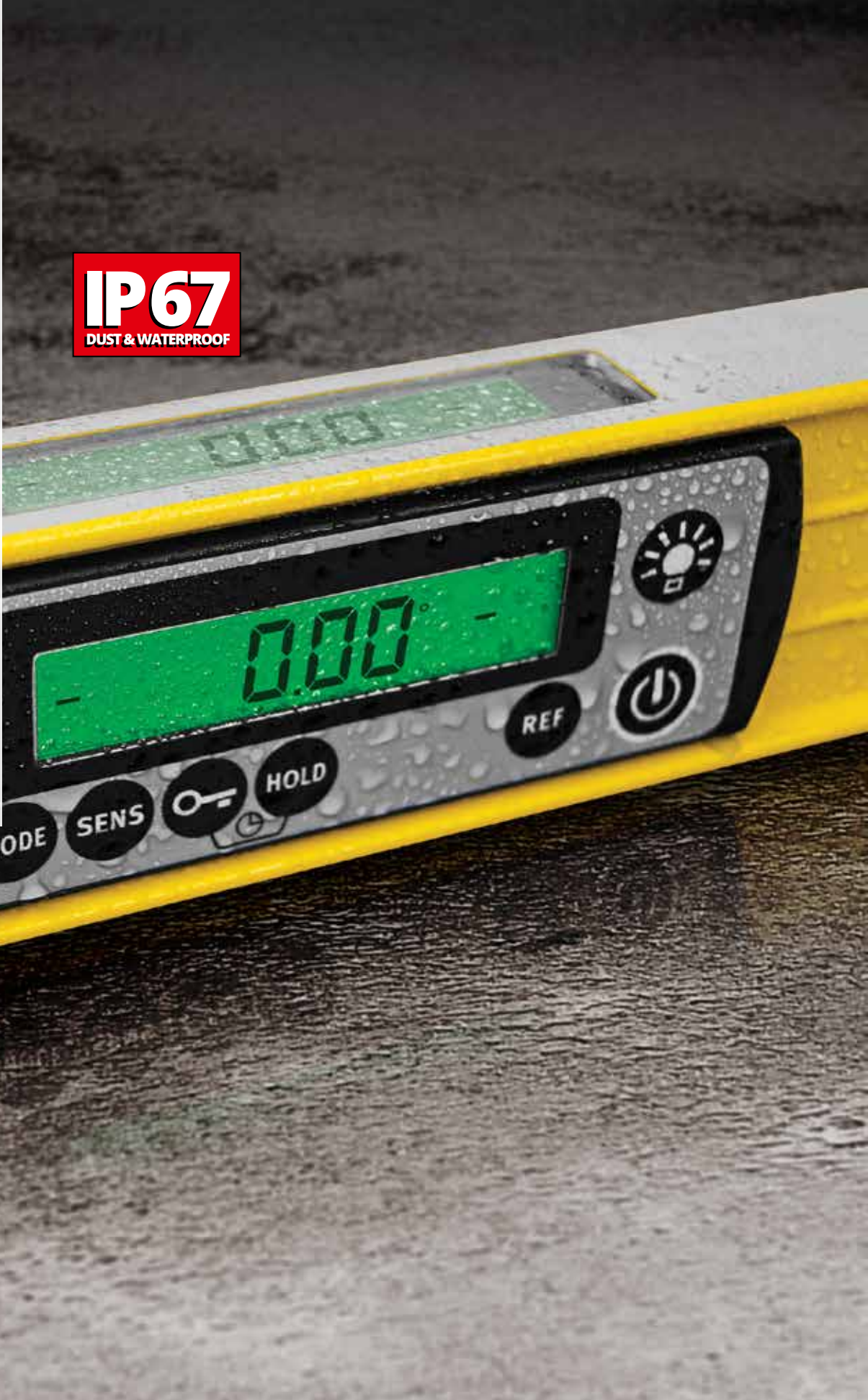
Application



TECH 700 DA:
Designed for measuring and transferring angles, e.g. when installing cabinets, aligning built-ins, positioning elaborate tiles, transferring angles when cutting tiles and setting up for precise miter cuts.

TECH 196 DL / 196M DL

- Electronic spirit level with two digital displays for instant measurement of inclines, slopes, and angles.
- #1 for ADA Ramps
- ULTRA-PROTECT: Optimum protection against dust and water in accordance with IP 67 – the spirit level can be temporarily submerged.
- Optimal read-out: Two digital displays, illuminated at the press of a button.
- Acoustic guidance: For quick alignment of elements without looking at the spirit level – with two different audible signals.
- CAL-FREE: In daily use, it is not necessary to calibrate the electronics – even after falling or being exposed to temperature fluctuations.
- The digital display rotates to the reverse position.
- REF-MODE: Take, save, and transfer an angle measurement to other elements.
- KEY-LOCK: Keyboard lock to prevent accidental input.
- Display modes: °, %, mm/m, in/ft – decimal and as a fraction.
- ROOF-PITCH mode (in/ft) to quickly determine the roof pitch.
- Long operating time: Up to 400 hours.
- Magnetic Version with extra-strong rare-earth magnet system and two digital displays to instantly measure inclinations, slopes and angles.



#1 ADA COMPLIANT



TECH 196 DL:

2 Light up displays. Dust and waterproof. Easy to re-calibrate. Display reads correctly when positioned upside down.



TECH 196M DL:

Especially suitable to metal construction – allow the craftsman to work hands free.

TECH 196 DL / 196M DL - Specifications

Type	TECH 196 DL	TECH 196M DL
Accuracy of Electronic Inclination Measurement at 0° and 90°	± 0.05°	± 0.05°
Accuracy of Electronic Inclination Measurement at 1° to 89°	± 0.1°	± 0.1°
Measuring Surfaces	2 x	2 x
Vial Accuracy *	±1/32in @ 72in	±1/32in @ 72in
End Caps	Slip Stopper	Slip Stopper
Measuring Modes	°, %, mm/m, inch/ft	°, %, mm/m, inch/ft
Batteries	2 AA	2 AA
Operating Time (Without Illumination)	400 hours	400 hours
Protection Class	IP 67	IP 67
Length	Part #	Part #
9" *	39509	–
16"	39516	–
24"	39524	39520
48"	39548	39540
72"	39577	39572

* 9" without vials

Type 81 S Die-Cast Torpedoes

- Tough die-cast aluminum frame with a slender shape, providing a firm grip.
- Big, bright crystal clear vials.
- One precision-milled measuring surface.
- STABILA vial installation technology ensures long-term accuracy – suitable for measuring in normal and upside down position.



Pocket PRO Levels

- Professional quality with square edges.
- Measures plumb and level.
- Takes up very little space and can be easily carried.
- Vials are big, bright, and easy to read.
- Designed for properly positioning interior trim, electrical boxes, switch plates, thermostats, warning signs, wall lights and appliances.



Type 81 S Torpedoes - Specifications



Type	Type 81 S	Type 81 SM	Type 81 SV REM w. 45	Type 81 SV REM w. 360
Accuracy - Normal Position	±1/32in @ 72in	±1/32in @ 72in	±1/32in @ 72in	±1/32in @ 72in
Accuracy - Reverse Position	±3/64in @ 72in	±3/64in @ 72in	±3/64in @ 72in	±3/64in @ 72in
Measuring Surfaces	1 x	1 x	1 x	1 x
Special Feature	–	Rare-Earth V Groove Magnet	Rare-Earth V Groove Magnet	Rare-Earth V Groove Magnet

Length	Part #	Part #	Part #	Part #
10"	25010*	25100	25245	25360

* Non-Magnetic

Additional Features



Type 81 SV features V-groove rare-earth magnets and six-ring vial for 1% and 2% slope measurements.

Pocket PRO Magnetic - Specifications



Type	Pocket PRO Magnetic
Accuracy - Normal Position	±1/16in @ 60in
Measuring Surfaces	2 x
Special Feature	Rare-Earth Magnet / Belt Holster

Length	Part #
1 5/8" x 2 5/8"	11901



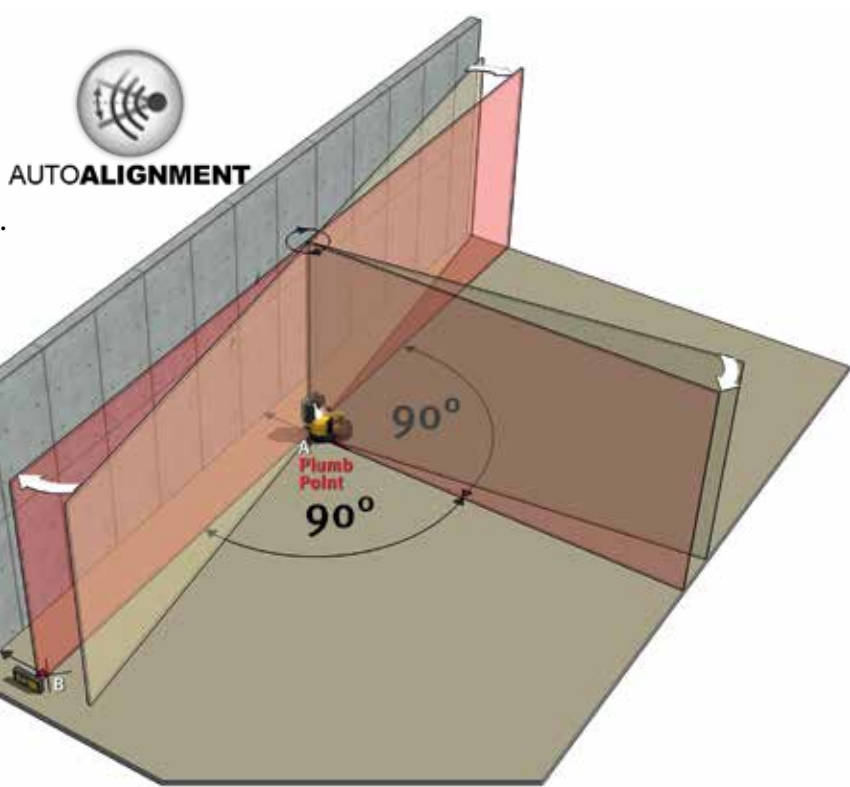
STABILA Laser Measuring Tools

- » **Save Time**
- » **Eliminate Errors**
- » **Reduce Costs**
- **Laser Levels & LDMs** – Fast, accurate, and easy measurements for every trade.
- **Rotary Lasers** – Precision leveling up to 2,600 ft for horizontal, vertical, and slope work.
- **Point & Line Lasers** – Perfect for short-range, visible marking.



LA 180 L Layout Station

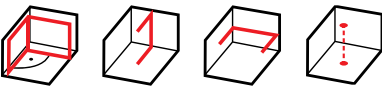
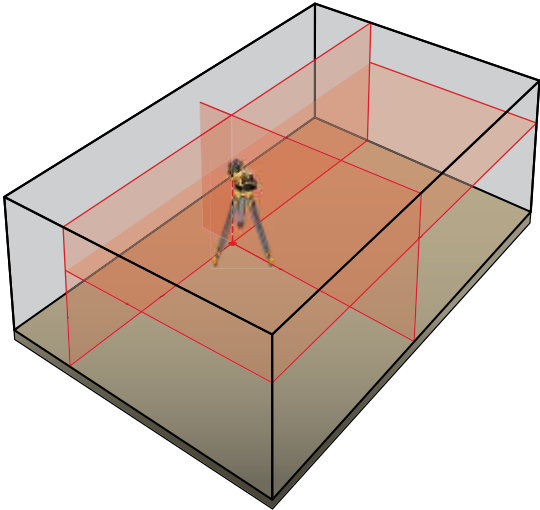
- Establish square layouts more efficiently than ever before.
- Self-leveling motor driven multi-line laser.
- 3 vertical and 1 horizontal continuous laser lines.
- Vertical plumb points up and down.
- AUTOALIGNMENT feature enables REC 410 receiver to automatically control the fine alignment of the LA 180 L up to 120’.
- Automatic axis transfer and creation of right angles.
- Pulsed laser lines for exact height measurements with the receiver (up to 300’) indoors and outdoors.
- Bright and sharp easy-to-read laser beams for fast and effective direct work on laser lines that are clearly visible at up to 60’ indoors.
- Unique housing shape for positioning in corners and over edges (e.g. concrete slab) - rapid checking of right angles.
- Shock-absorbing soft grip casing.
- One man operation.
- Protection certification: IP 54



- 1) Mark reference points A and B parallel to the wall.
- 2) Position the laser on point A and the receiver on point B.
- 3) Roughly position the laser by hand.
- 4) Point A and B are automatically connected by pressing the button on the receiver.



LA 180 L Laser Kit - Specifications
Cat. # 02180
Includes: LA 180 L Laser, REC 410 Line RF Receiver with Bracket, Laser Glasses, 2 Magnetic Target Plates, Batteries, Manual and Hard Shell Case.

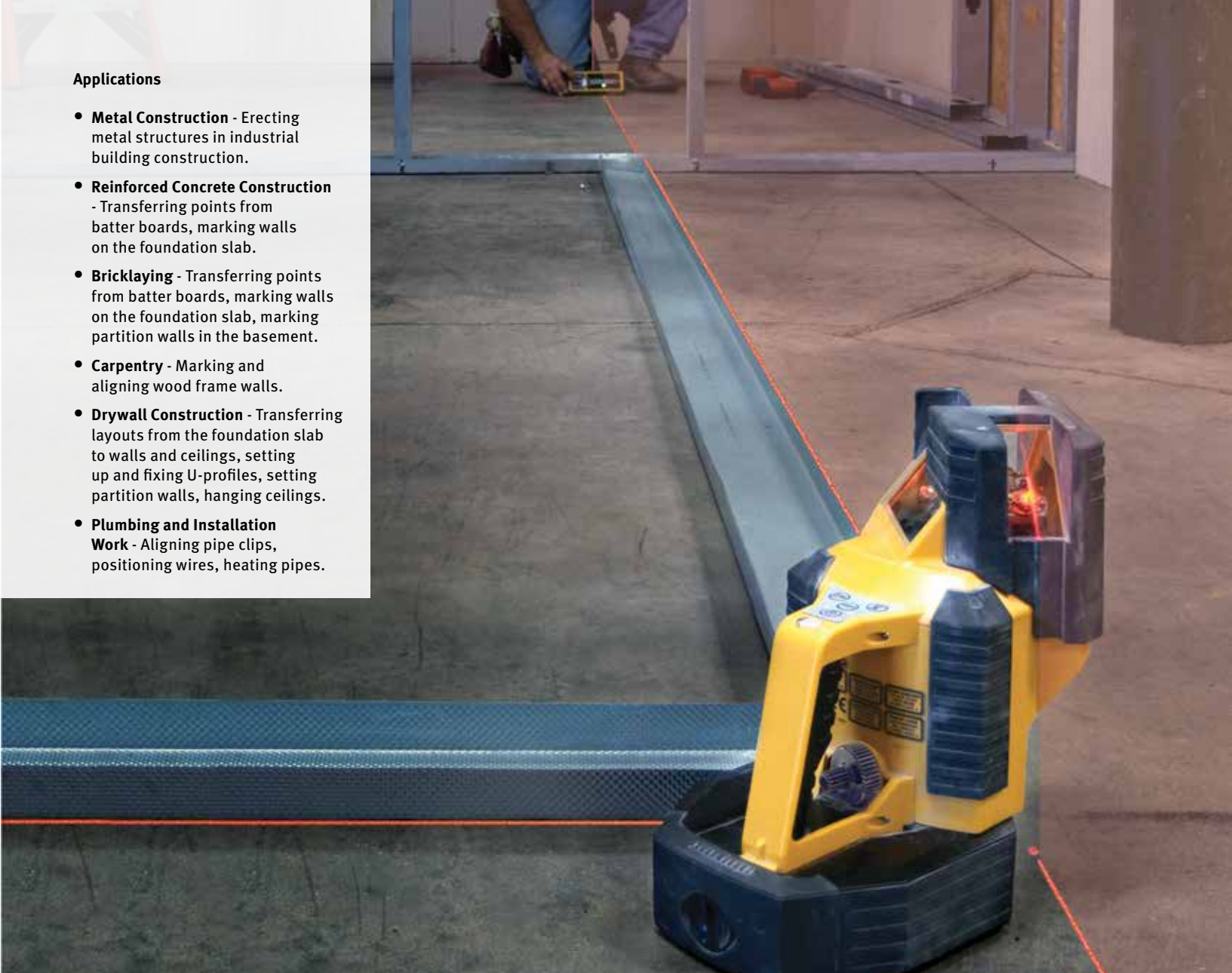


Laser Class	Output	Laser Wavelength	Self-Leveling Range Horizontal + Vertical	Leveling Accuracy	Line Straightness	90° Angle Precision
2	< 1 mW	635 nm	5°	3/32" @ 100'	1/8" @ 100'	1/4" @ 100'
Laser Beam Accuracy	Measuring Range of Visible Line	Measuring Range of Set Receiver	Operating Life	Batteries Included	Protection Class	
3/32" @ 100'	65'	150° each direction	20 hours	4 x D 1.5 V	IP 54	

CAUTION LASER RADIATION
DO NOT STARE INTO BEAM
630 nm - 660 nm / < 1 mW
CLASS II LASER PRODUCT
CFR 1040.10 AND CFR 1040.11

Applications

- **Metal Construction** - Erecting metal structures in industrial building construction.
- **Reinforced Concrete Construction** - Transferring points from batter boards, marking walls on the foundation slab.
- **Bricklaying** - Transferring points from batter boards, marking walls on the foundation slab, marking partition walls in the basement.
- **Carpentry** - Marking and aligning wood frame walls.
- **Drywall Construction** - Transferring layouts from the foundation slab to walls and ceilings, setting up and fixing U-profiles, setting partition walls, hanging ceilings.
- **Plumbing and Installation Work** - Aligning pipe clips, positioning wires, heating pipes.



AUTOALIGNMENT for automatically transferring layout lines and creating right angles



Optional Accessory - batter board and form bracket for the laser
Cat. # 07410

LAR 350 Rotary Laser

- Features dual slope, interior, exterior, horizontal, vertical, and square leveling functions.
- Fully automatic motor-driven rotary laser for horizontal and vertical applications as well as manual inclination in two planes.
- Innovative MOTION CONTROL - quick, reliable and convenient laser operation by rotating the remote control.
- DUAL SLOPE - working area which can be limited as required in rotation mode. The laser beam is only emitted in a defined area.
- SECTION/MASKING MODE - working area which can be limited as required in rotation mode. The laser beam is only “On” in a defined area.
- LED ASSIST System - for easy operation and safety in the workplace. Integrated LEDs indicate, for example, which axis is currently tilted or is being tilted.
- MANUALALIGNMENT Function - pivoting an axis in vertical operation.
- Patented STABILA PROTECTOR System - extreme drop protection, even when the laser is dropped from a tripod at a height of up to 6’.
- Waterproof and dust proof in accordance with protection class IP 65.
- Large working area with REC 300 Digital Receiver, up to 2,600’ in diameter.



LAR 350 Laser Kit - Specifications
Cat# 05700 TR - 9 pc kit
Includes: LAR 350 Laser, REC 300 Receiver with Clamp, Fixed Head Tripod, Hi/Lo Elevation Rod, Laser Glasses, Target Plate, Batteries, Manual, and Hard Shell Case



LAR 350 Laser Kit - Specifications
Cat. # 05710 - unit only
Includes: LAR 350 Laser, REC 300 Receiver with Clamp, Batteries, Manual, and Hard Shell Case

Laser Class	Output	Laser Wavelength	Self-Leveling Range Horizontal + Vertical	Leveling Accuracy	Working Area of Set Receiver
2	≤ 1 mW	635 nm	5°	1/8” @ 100’	2,600’

Operating Life	Batteries Included	Protection Class
80 hours	2 x D 1.5 V - 2 x AA 1.5 V	IP 65

CAUTION LASER RADIATION
DO NOT STARE INTO BEAM
630 nm - 660 nm / < 1 mW
CLASS II LASER PRODUCT
CFR 1040.10 AND CFR 1040.11

Applications

- **Bricklaying** -Creating the leveling layer.
- **Reinforced Concrete Construction** - Foundations or constructing batter boards.
- **Metal Construction** - Aligning and positioning steel beams in industrial building construction.
- **Hardscaping Work** - Laying out garden areas, paths and paving.
- **Carpentry** - Attaching siding.
- **Civil Engineering and Pipeline Construction** -Installing pipelines.



World’s first
MOTION CONTROL Laser



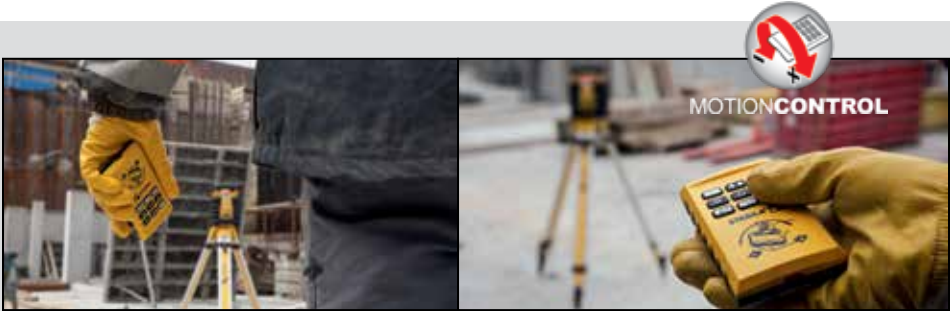
STABILA DROP PROTECTION - Set it up again after a fall, switch it on, and continue working.



Colored LED light assistance.



Optional Accessory - AE-LAR 350 Li-ion Rechargeable Battery Unit - Li-ion rechargeable battery with integrated charger, 4 country-specific interchangeable adapters
Cat. # 07150



MOTION CONTROL - An intuitive remote control with a built-in motion sensor. By moving the remote control left or right, the motion sensor accelerates or decelerates the chosen laser function. Intuitively control numerous functions and settings at a measuring range of up to 60’.

LAR 300 Rotary Laser

- Fully automatic motor-driven rotary laser for horizontal applications - ready for immediate use with fast, self-leveling within 10 seconds. High leveling accuracy of ± 1/8 in @ 100 ft (± 0.1 mm/m).
- Quality and precision, made in Germany.
- Extremely tough thanks to the STABILA PROTECTOR system - perfect protection, even when the laser is dropped from a tripod at a height of up to 6 ft (1.8 m): just set up the tripod again, switch on, and carry on measuring.
- IP 65 - dust and waterproof.
- Resistant to heat and cold from 14°F to 140°F (-10°C to +60°C).
- Exceptionally easy to operate at just the touch of a button.
- Large working area with set receiver - up to 2,600 ft (800 m) diameter.
- Correct heights quickly - digital read-out shows you exact distance from grade, arrows point up and down.
- Receiver with visual and acoustic guidance as well as two displays.
- 5/8” thread for attaching to a tripod.
- Hard case for easy transport.
- Compatible with commercially available machine controllers.



Laser Class	Output	Laser Wavelength	Self-Leveling Range Horizontal + Vertical	Leveling Accuracy	Working Area of Set Receiver
2	< 1 mW	635 nm	5°	1/8" @ 100'	2,600'

Operating Life	Batteries Included	Protection Class
80 hours	2 x D 1.5 V - 2 x AA 1.5 V	IP 65



LAR 300 Laser Kit - Specifications
Cat. # 05820 - 7 pc kit
Includes: LAR 300 Laser, REC 300 Receiver with Clamp, Fixed Head Tripod, Hi/Lo Elevation Rod, Laser Glasses, Target Plate, Batteries, Manual, and Hard Shell Case



LAR 350 Laser Kit - Specifications
Cat. # 05800 - unit only
Includes: LAR 350 Laser, REC 300 Receiver with Clamp, Batteries, Manual, and Hard Shell Case



Optional Accessory - AE-LAR 350 Li-ion Rechargeable Battery Unit
- Li-ion rechargeable battery with integrated charger, 4 country-specific interchangeable adapters
Cat# 07150

LAR 160 G Rotary Laser

- Fully automatic motor-driven rotary laser - high leveling accuracy of ± 1/8 in @ 100 ft (± 0.1 mm/m), fast self-leveling function within 20 seconds.
- STABILA GREENBEAM technology for improved visibility.
- Four laser functions for versatile use - horizontal and vertical rotation, plumb-line function and square in vertical operation.
- IP 65 - dust and waterproof.
- Shock absorbent casing provides protection against impacts - the stable housing cover also protects the laser optics.
- Easy to use via three control buttons - on/off, tilt mode, and manual mode.
- Battery drawer - easy replacement.
- Large working area with REC 160 RG set receiver - up to 2,000 ft (600 m) in diameter.
- Two mounting points for vertical and horizontal applications, 5/8 x 11 threads integrated in the housing.
- Green, magnetic high-visibility plastic target plate with cross-hair.
- Hard shell case for laser and accessories.



LAR 160 G Laser Kit - Specifications
Cat. # 04500 TR - 5 pc kit
Includes: LAR 160 G Laser, REC 160 Receiver with Clamp, Fixed Head Tripod, Hi/Lo Elevation Rod, Target Plate, Batteries, Manual, and Hard Shell Case

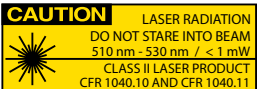


LAR 160 G Laser Kit - Specifications
Cat. # 04510 - unit only
Includes: LAR 350 Laser, REC 160 Receiver with Clamp, Target Plate, Batteries, Manual, and Hard Shell Case



Laser Class	Output	Laser Wavelength	Self-Leveling Range Horizontal + Vertical	Leveling Accuracy
2	< 1 mW	510-530 nm	5°	1/8" @ 100'

Working Area of Set Receiver	Operating Life	Batteries Included	Protection Class
2,000'	30 hours	2 x D 1.5 V - 2 x AA 1.5 V	IP 65



Optional Accessory - LAR 160 G Rechargeable Battery Unit - Rechargeable battery, 4 country-specific interchangeable adapters
Cat. # 07645

LAX 600 G 3 PLANE x 360° Laser

- 3 plane applications allows you to perform 90° square for accurate layouts and transfer your lines 360°.
- Working range of 140’ with receiver & accuracy of 1/8” @30’.
- Integrated pendulum locking mechanism prevents damage during transport.
- 15 hour runtime. Compatible with all Metabo 12 CAS batteries.
- Shock-absorbent STABILA soft grip casing protects the laser optics against dirt and impacts.
- Compatible with REC 500 Receiver.
- IP 65 - dust and waterproof.



LAX 600 G Laser Kit - Specifications
Cat. # 03420 - 7 pc kit
Includes: LAX 600 G Laser, 12 V CAS Battery, CAS Charger, Universal Bracket, Wall Mount, Target Plate, Manual, and Hard Shell Case



LAX 600 G Laser Kit - Specifications
Cat. # 03410 - 5 pc kit
Includes: LAX 600 G Laser, Universal Bracket, Wall Mount, Target Plate, Manual, and Hard Shell Case

Additional Accessories Include:

Part #	Description	UPC
07621	Charging Station	089634076216
07626	Battery Pack	089634076261
07630	Universal Bracket	089634076308
07635	Wall Mount	089634076353

Laser Class	Self-Leveling Range Horizontal + Vertical	Leveling Accuracy	Measuring Range of Visible Line	Measuring Range of Set Receiver
2	4°	1/8” @ 30’	130’	164’
Operating Life	Batteries Included	Protection Class	CAUTION LASER RADIATION DO NOT STARE INTO BEAM 510 nm - 530 nm / < 1 mW CLASS II LASER PRODUCT CFR 1040.10 AND CFR 1040.11	
15 hours	12 V Li-ion Rechargeable	IP 65		

LAX 500 G Cross Line plus Plumb Point Laser

- 12 V CAS battery-powered self-levelling cross line laser with plumb-line dots for precise horizontal and vertical work.
- GREENBEAM technology for sharp lines up to 40 m.
- High-performance diodes cover nearly the entire room.
- Manual mode with locked pendulum for angled work.
- Pulse mode for optional line receiver use.
- Up to 20 h runtime with 2.0 Ah battery; full charge in 45 min.
- Protector System with shock-absorbent casing and protective slider.
- Attachable laser base for U-profiles, 1/4” thread, magnets, and wall bracket.
- Comes with sturdy case.
- IP54 protection (without battery).

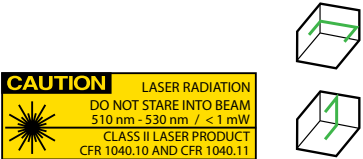


LAX 500 G Laser Kit - Specifications
Cat. # 03520 - 7 pc kit
Includes: LAX 500 Laser, 12 V LI-POWER 2.0 Ah CAS rechargeable battery, SC 30 CAS charger, SLB 500 laser base, SWB 10 wall bracket, target plate, carrying case



LAX 500 G Laser Kit - Specifications
Cat. # 03510 - 5 pc kit
Includes: LAX 500 Laser, SLB 500 laser base, SWB 10 wall bracket, target plate, carrying case

Laser Class	Self-Leveling Range Horizontal + Vertical	Leveling Accuracy	Measuring Range of Visible Line	Operating Life	Batteries Included	Protection Class
2	5°	1/18” @ 30’	130’	20 hours	12 V Li-on rechargeable	IP 54



LT 30 Telescopic Laser Support with Bracket

Job site control for rotary and line laser placement

Cat. # 07467

Get the most out of your lasers with the LT 30 Telescopic Laser Support. Poor laser placement on the job site can affect laser visibility and limit functionality.

The LT 30 quickly creates a sturdy laser support in any room up to 12’ in height. Simple twist-and-lock technology adjusts the pole height in a matter of seconds.

The fine adjustment pneumatic pump locks the pole in place while anti-slip rubber feet create a firm hold without marring the ceiling or floor.

After use, the pole conveniently collapses down to 53” for easy transport and storage.

Test the LT 30 at your next job site and discover the versatility firsthand.



AVAILABLE SEPARATELY



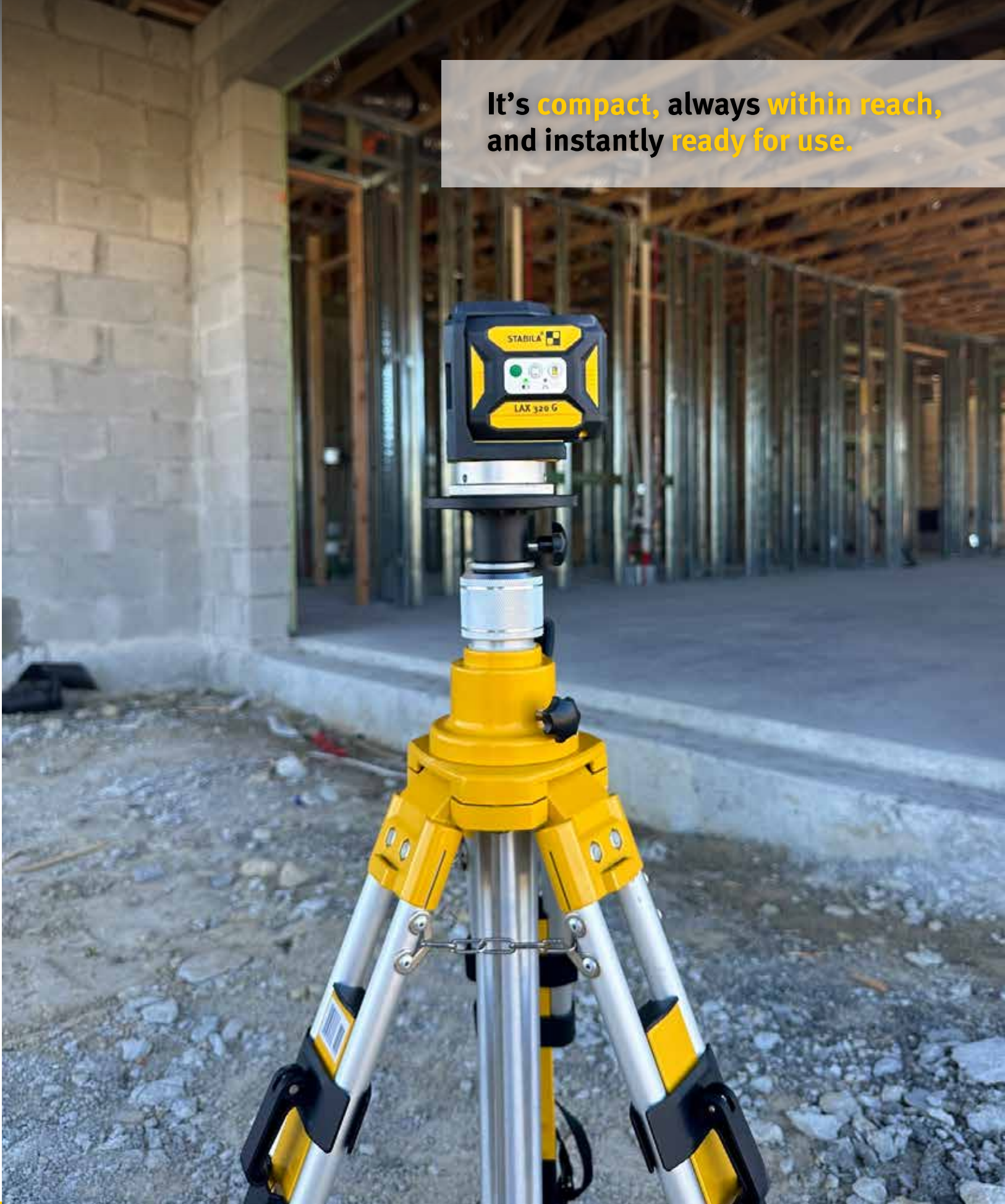
LT 30 Mounting Bracket
Cat. # 07590
Works on existing LT 30 Pole

LAX 320 G Cross Line plus Plumb Point Laser

- Bright and sharp green cross lines visible up to 100’ indoors.
- Intense green plumb points up and down, can be seen outdoors.
- Work quickly and directly on the laser lines using STABILA GreenBEAM technology.
- Energy saving laser diodes enable an operating time of up to 15 hours when both beams are engaged and an operating time of up to 20 hours when only one beam is engaged.
- Pendulum technology built for the job site.
- Easy to change functions with single-button.
- Features many different positioning options. The LAX 300 G can be placed directly onto the floor, mounted onto any 1/4” thread tripod, attached to any metal surfaces via its built-in-V-groove magnet, and fastened to walls with its wall bracket.
- Laser rotates inside housing for built-in protection.
- Protection certification: IP 54



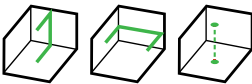
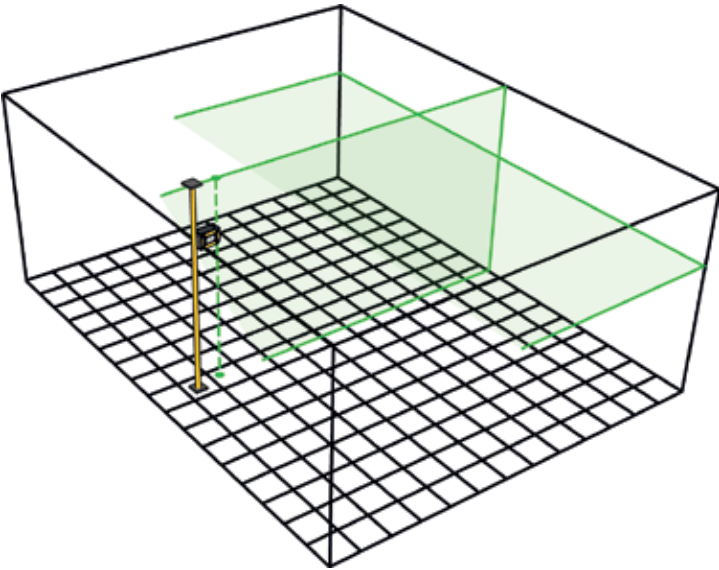
It’s compact, always within reach, and instantly ready for use.



Optimum visibility - crisp laser lines over the working surface.



LAX 320 G Laser Kit - Specifications
Cat. # 03190
 Includes: Cross line plus plumb dot laser LAX 320 G, laser base SLB 320, wall bracket, target plate, belt pouch, 3 x AA 1.5 V batteries



Laser Class	Self-Leveling Range Horizontal + Vertical	Leveling Accuracy	Laser Beam Accuracy (up)
2	4°	1/8" @ 30'	3/16" @ 30'

Laser Beam Accuracy (down)	Measuring Range of Visible Line	Operating Life	Batteries Included	Protection Class
1/4" @ 50'	100'	20 hours	3 x AA 1.5 V	IP 54



LA 5P G 5-Point Layout Laser

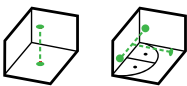
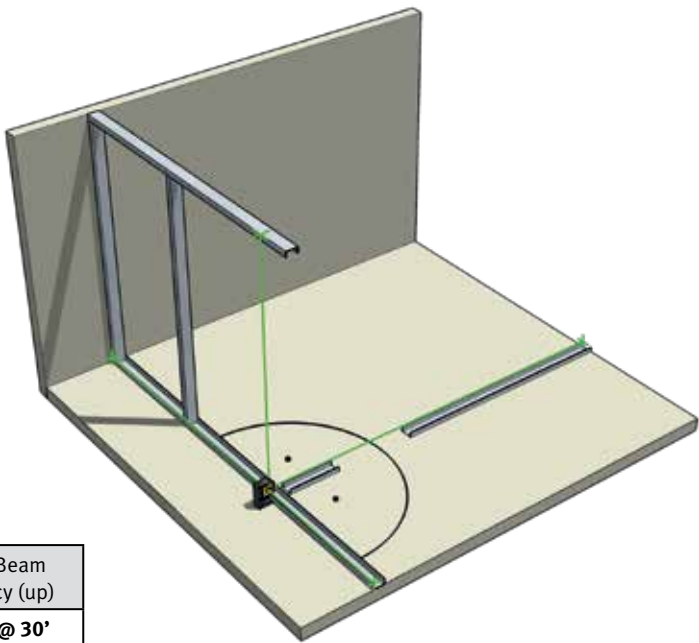
- 5 crisp green laser dots clearly visible at up to 60’ indoors.
- Plumb points up and down for transferring layout points from floor to ceiling.
- With the 90° points, two right angles are created.
- Work quickly and directly on the fine laser points using STABILA GreenBEAM technology.
- Energy saving laser diodes enable an operating time of up to 15 hours.
- Pendulum technology built for the job site.
- Easily change functions with a single button.
- Features many different positions options. The LA 5P G can be placed directly onto the floor, mounted onto any 1/4” thread tripod, attached to any metal surfaces via its built-in-V-groove magnet, and fastened to walls with its wall bracket.
- Laser rotates inside housing for built-in protection.
- Protection certification: IP 54



Optimum visibility - perfect setting of 90° angles and transferring layout points



LA-5P G Laser Kit - Specifications
Cat. # 03165
Includes: LA-5P G Laser, Framing Base (#07471), Target Plate, Wall Bracket, and Carrying Belt Pouch



Laser Class	Self-Leveling Range Horizontal + Vertical	Leveling Accuracy	90° Angle Precision	Laser Beam Accuracy (up)
2	4-5°	3/16" @ 30'	1/8" @ 50'	3/32" @ 30'

Laser Beam Accuracy (down)	Measuring Range of Visible Point	Operating Life	Batteries Included	Protection Class
1/8" @ 30'	60'	15 hours	3 x AA 1.5 V	IP 54



FLS 90 Floor Line Laser

- Compact housing designed to position the tool inside corners to quickly check for square.
- Patented STABILA optics deliver bright square lines that can easily be seen at up to 50’ indoors.
- Compatible with the REC 500 receiver - Cat. # 07360.
- Unique dual purpose base allows laser to grip tile and transfer 90°.



On tiles position claws downward



On flat surfaces position claws upward



Position inside corner to check for square.



FLS 90 Laser Kit - Specifications
Cat. # 04490
Includes: FLS 90 Laser, Dual Purpose Base, Target Plate, and Carrying Belt Pouch



Laser Class	90° Angle Precision	Measuring Range of Visible Line
2	3/16" @ 50'	50'

Operating Life	Batteries Included	Protection Class
20 hours	3 x AA 1.5 V	IP 54



LD 530 BT Laser Distance Measurer

- Measure distances up to 165’ away.
- Compact and easy-to-use laser distance measurer.
- Integrated Bluetooth® Smart 4.0 technology enables measurement data to be wirelessly transferred from the laser to a mobile device.
- Four measurement functions: length, area, volume, and continuous measurement mode.
- Large digits and backlit display make the LD 250 very easy to read.
- ISO-certified distance measurer adheres to international standard ISO 16331-1.
- Free STABILA Measures app lets users transfer measurements directly to an image or a sketch on a mobile device.
- The LD 250 delivers very fast measurement results, which assists users in their daily work (e.g. when calculating how much material is needed).
- Protection Certification: IP 54



LD 250 BT Laser Distance Measurer

- Measure distances up to 165’ away.
- Compact and easy-to-use laser distance measurer.
- Integrated Bluetooth® Smart 4.0 technology enables measurement data to be wirelessly transferred from the laser to a mobile device.
- Four measurement functions: length, area, volume, and continuous measurement mode.
- Large digits and backlit display make the LD 250 very easy to read.
- ISO-certified distance measurer adheres to international standard ISO 16331-1.
- Free STABILA Measures app lets users transfer measurements directly to an image or a sketch on a mobile device.
- The LD 250 delivers very fast measurement results, which assists users in their daily work (e.g. when calculating how much material is needed).
- Protection Certification: IP 54



LD 250 Laser Measurer
- Specifications
Cat. # 06250



LD 530 Laser Measurer
- Specifications
Cat. # 06530



Laser Class	Output	Laser Wavelength	Accuracy	Measuring Distance
2	1 mW	635 nm	±3/64"	660'

Battery Life	Batteries Included	Protection Class
Up to 5,000 Measurements	Li-ion	IP 54



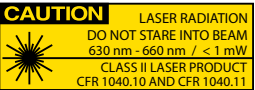
LD 220 Laser Distance Measurer

- Measure distances up to 100’ away.
- The LD 220 delivers very fast measurement results, which assists users in their daily work (e.g. when calculating how much material is needed).
- Four measurement functions: length, area, volume, and continuous measurement mode.
- Large digits and backlit display make the LD 250 very easy to read.
- ISO-certified distance measurer adheres to international standard ISO 16331-1.
- Protection Certification: IP 54

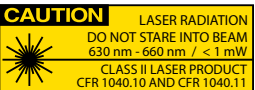


LD 220 Laser Measurer
- Specifications
Cat. # 06220

Laser Class	Output	Laser Wavelength	Accuracy	Measuring Distance	Battery Life	Batteries Included	Protection Class
2	1 mW	635 nm	±3/32"	165"	Up to 5,000 Measurements	2 x AAA	IP 54



Laser Class	Output	Laser Wavelength	Accuracy	Measuring Distance	Battery Life	Batteries Included	Protection Class
2	1 mW	635 nm	±1/8"	100'	Up to 5,000 Measurements	2 x AAA	IP 54



Expanding the Working Area



RL 230 RG Line Receiver
Cat. # 07210

- Laser receiver for accurately locating the beam of pulse-modulated green or red line lasers, even over long distances or in bright sunlight.
- Two-sided digital display for fast work.
- Switchable acoustic guidance with adjustable beep volume.
- Two adjustable sensitivity levels to match the application: “Fine” or “Coarse”
- Protection Certification: IP 66



REC 160 RG Receiver
Cat. # 07340

- Laser receiver for accurately determining the beam position of rotary lasers with red or green laser diodes over large distances.
- Two-sided digital display for fast work - illuminated at the touch of a button.
- Visual display: Arrow symbols on the display indicate the position of the receiver relative to the reference plane of the laser.
- Bracket for attaching to grade rods.
- Protection Certification: IP 67



27” - 66” Small Elevator Tripod
Cat. # 08560

- Aluminum construction tripod with lifting column - exact positioning of the laser at the desired working height (28”-66”).
- Lift system enables air-cushioned movement.
- Tripod legs have spikes to insure good stability outdoors and rotatable hard rubber shoes to prevent scratches when used indoors.
- Rapid locking mechanism.
- 5/8” threaded screw.



REC 500 RG Universal Receiver
Cat. # 07360

- Universal laser receiver for quickly and accurately determining the beam position of rotation lasers or pulse-modulated line lasers with red or green laser diodes - even over large distances outdoors or in bright indoor lighting.
- Two-sided digital display for fast work.
- Acoustic guidance can be activated with beeping tones for which the volume can be set.
- Protection Certification: IP 67



REC 300 DE-TECH Receiver with Bracket
Cat. # 07430

- Digital receiver for rotation lasers with red diodes.
- Double-sided digital display for fast work.
- Features visual and acoustic guidance.
- Digital read-out shows exact distance from grade in imperial or metric units.
- Bracket for attaching to grade rods.
- Can withstand drops of up to 10’.
- Protection Certification: IP 67



Fixed Head Tripod
Cat. # 07498

- Aluminum construction tripod (39”-63”).
- Tripod legs have spikes to insure good stability.
- Rapid locking mechanism for aligning quickly.
- Spread stopper chain.
- Carrying pouch for easy transport.
- 5/8” threaded screw.

BM 100 & 300 Tape Measures



BM 100

- Compact pocket tape
- Ergonomic design
- Medium duty

BM 300

- Shatterproof ABS housing
- STABILA EASY-CLIP for easy attachment
- Heavy Duty

Length	10’	16’	26’	33’	3m/10’	5m/16’	8m/26’	10m/33’
BM 100	30710	30716	30726	—	30810	30816	30826	—
BM 300	—	30516	30526	30533	—	30616	30626	30633

LBM 1000 & 2000 Tape Measures



LBM 1000

- Rugged Y-reel tape measure with a scale in inches made of PC/ABS plastic protects the blade against shocks/impacts.
- Ergonomic soft grip handle for comfortable handling.
- STABILA SPIKES coating improves resistance to slipping on smooth surfaces and when measuring over long distances.
- The eyelet integrated into the hook enables quick release.

Length	165’	330’	50m	100m
LBM 1000	30930	30935	30920	30925



LBM 2000

- Compact closed case tape.
- Shatterproof PC/ABS case with a shock-absorbing soft grip exterior protects the blade against shocks and impact.
- Ergonomic soft grip handle for comfortable handling.
- STABILA SPIKES coating improves resistance to slipping on smooth surfaces and when measuring over long distances.
- The eyelet integrated into the hook enables quick release.

Length	66’	100’	20m	30m
LBM 2000	30950	30955	30940	30945

Series 600 Folding Rules

- Hardened steel springs and steel joints ensure durability, smoothness, and exact locking.
- Fully sealed rivets with abrasion protection.
- Large digits for better readability.

Type	Description	Cat. #
Masons	1/16ths - both edges - outside	80001
Oversize Brick	1/16ths - both edges - outside	80005
Modular Spacing	1/16ths - both edges - outside	80010
Engineers	1/16ths - 1/10ths - 1/100ths	80015



STABILA Inc.

2101 Galvin Drive
Suite 100

Elgin, IL 60124

Phone: 800.869.7460

E-mail: custservice@stabila.com

Follow Us:

 @stabila_usa_canada

 STABILA North America



www.stabila.com

Specifications and products are subject to change without notice.
STABILA is not responsible for typographical errors.

Printed in the U.S.A.