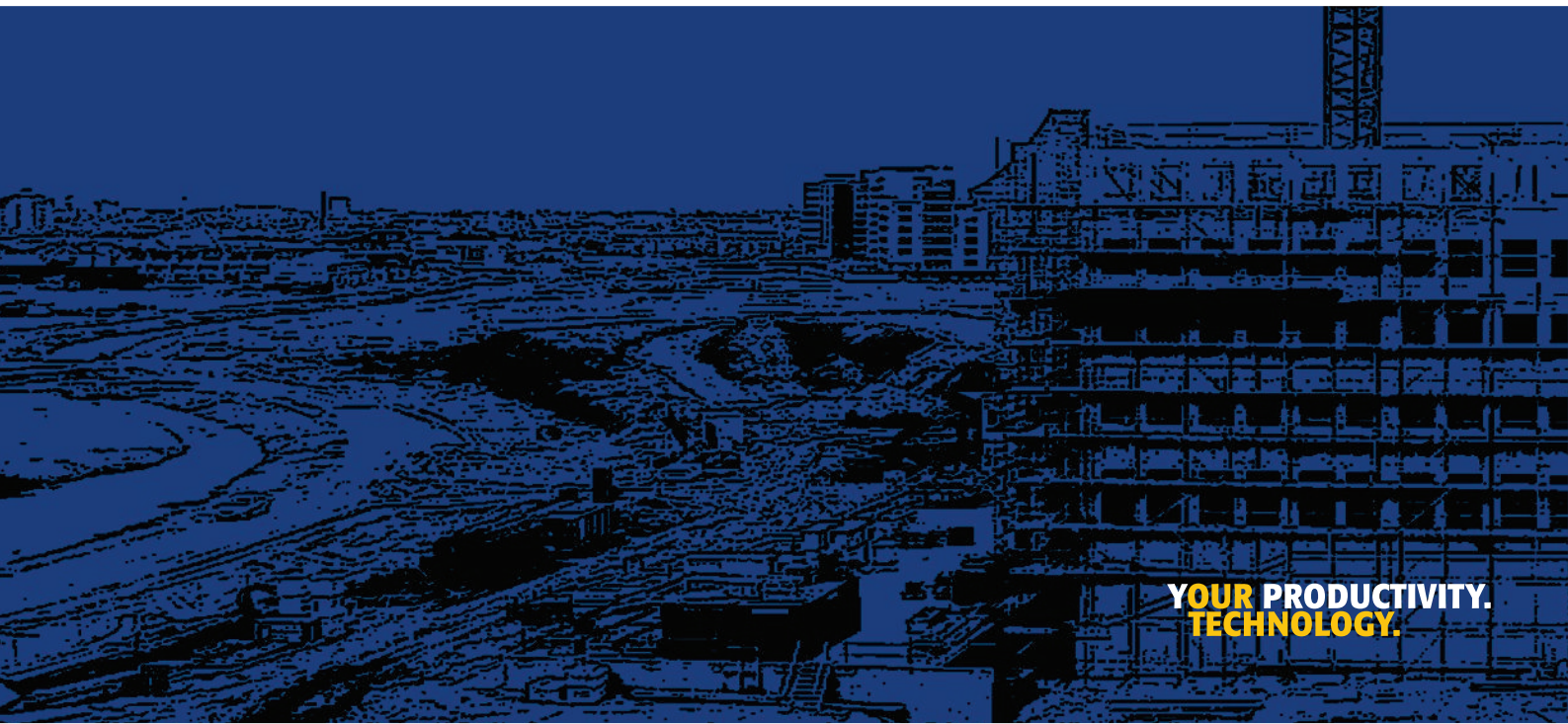
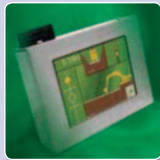


CONSTRUCTION CATALOGUE



**YOUR PRODUCTIVITY.
TECHNOLOGY.**

Topcon Lasers: designed to fit personal needs

Topcon is a worldwide leading developer and manufacturer of precision positioning equipment and offers a wide selection of innovative Laser, GPS systems, Machine Control solutions and GIS products.

The current laser program is the result of a rich history in the measuring industry, a market driven R&D department and our dedication to provide you with solutions that fit your personal needs.

The Topcon laser range is far ahead of the competition in terms of functionality and quality. Topcon lasers are fast, dependable, durable, and accurate and technologies like Topcon's GreenBeam® make Topcon lasers 4 times more visible than regular lasers. The high quality components used for the production of Topcon measuring tools give us the confidence to offer a warranty period of 5 years, a very strong sales argument.



Topcon understands that in todays demanding work environment every minute downtime on a measuring tool, is a minute lost. That's why we guarantee to solve any problem; swiftly and without restrictions. Buying a Topcon Measuring tool gives you the prospect of at least 5 years of worry-free work. This new catalogue provides an overview of our product range.

It's an easy way to find the measuring tool that best fit your personal needs and budget. No matter what the application, Topcon always offers the right solution. Our goal is to provide you with right business solutions; Today, tomorrow and in the future.

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Self-leveling Construction Laser

RL-H4C series – Horizontal, slope and long range capabilities in one tough package. Its super-fast self-leveling motors are accurate to 1.5 mm per 30 m meaning whether you're checking grade or setting batter boards you're going to be accurate the first time. Its high-power diode means you have a 800 m diameter working radius making it a great reference

for machine mounted receivers. All of these features plus rechargeable battery operation makes the RL-H4C actually offers the functionality of three lasers in one.



RL-H4C

RL-H4C LASER		ART. NO
RL-H4C	*1,2,3,4	Horizontal Construction 313650402

*1) Handreceiver: LS-80L, 2) Holder for handreceiver, 3) Batteries rechargeable, 4) Charger



RL-H4C



SELF-LEVELING CONSTRUCTION LASER



RL-H4C Package



● LS-80L long range receiver

- Two way communication for height alert and laser battery status
- 5 levels of LCD display precision
- Extended Battery Life
- Quick find sensor
- “SmartClamp” adjustable rod clamp
- Auto shut-off



LS-80L

● RL-H4C Package

- Long range receiver
- Holder for receiver
- Tough carrying case
- Charger
- Battery pack

SPECIFICATIONS*	
Instrument	RL-H4C
Beam type / power	red (visible diode) / 2.0mW (max.)
Operating range (radius)	400m
Accuracy	2 mm per 30 m
Self-leveling range	±5°
Rotation speed	600rpm
Power	Rechargeable battery
Battery life	approx. 60 hrs
Waterproof	IP66
Dimensions / Weight	177 x 196 x 217 mm / 2,6 kg
Laser Receiver	LS-80L
Grade information channels	11 (+high/low out of range)
On-Grade precision	High precision: ±1 mm, Normal precision: ±2 mm
Audible on-grade alarm	Yes
Power	2 x AA Alkaline batteries
Battery life	Approx. 120 hrs
Auto shut-off	After 30 minutes w/o beam detection

Multi-Task Slope Laser

Rugged dual slope laser with multi-task functionality –
When you need a laser for horizontal, single slope, dual slope and vertical applications don't look further. The RL-SV2S high accuracy dual slope laser sets new standards for simplicity. Rugged, lightweight and compact, it's twice the laser at an amazingly affordable price!

The RL-SV2S with vertical function, large backlit high-contrast graphical display and possibilities to change grade, select menu settings, check operational status and even verify battery life, all without touching the laser.



RL-SV2S

RC-60

SLOPE LASER		ART. NO	
RL-SV2S	*1,2,3,4,5	Red Beam	313660402

*1) Remote control: RC-60, 2) Hand Receiver: LS-80L,
3) Holder for receiver, 4) Batteries Rechargeable, 5) Charger



RL-SV2S



SLOPE LASER



RL-SV2S



LS-80L

● RL-SV2S – Package

- Long range receiver
- Sensor holder
- Remote control
- New tough carrying case
- Charger



RL-SV2S Package

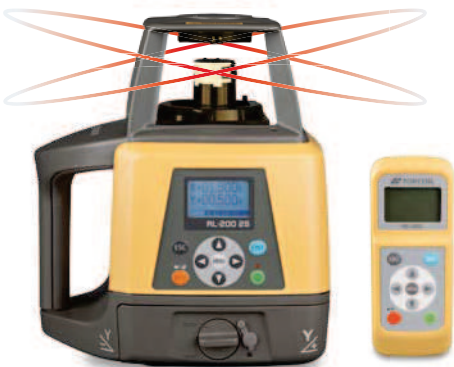
SPECIFICATIONS*	
Instrument	RL-SV2S
H&V Accuracy	± 2.4 mm per 50 m
Self leveling range	±5 degrees
Grade settings	Dual, ±15%
Operating range (radius)	400 m
Rotating speed	300, 600 rpm
Environment	IP66
Operating time	90 hrs (Alkaline), 55 hrs (Ni-MH)
Operating temperature	-20 to 50°C
Laser class	Class 3R
Output power	2.4 mW
Laser wave length	635 nm
Laser Receiver	LS-80L
Grade information channels	11 (+high/low out of range)
On-Grade precision	High precision: ±1 mm, Normal precision: ±2 mm
Audible on-grade alarm	Yes
Power	2 x AA Alkaline batteries
Battery life	Approx. 120 hrs
Auto shut-off	After 30 minutes w/o beam detection

Slope Laser

The new standard in construction slope lasers – Topcon’s RL-200 Series sets new standards for simplicity and accuracy. Rugged, lightweight, and compact, it’s twice the laser at an amazingly affordable price!

Choose from two models, RL-200 1S single slope, or RL-200 2S dual slope. The RL-200 1S provides single slopes from -5% up to +25%.

The RL-200 2S provides dual slopes up to +/-10% in the X axis, or up to an industry leading -5 to +25% in the Y axis. When the RL-200 2S is operating, the RC-400 displays all operating information up to 300 m away.



RL-200 2S

RC-400 Radio remote

RL-200 SLOPE LASER		ART. NO
RL-200 1S	*2, 3, 4, 5 Single slope laser	314910462
RL-200 2S	*1, 2, 3, 4, 5 Dual slope laser	314920433

*1) Remote control: RC-400, 2) Receiver: LS-80L, 3) Batteries Rechargeable, 4) Holder for receiver, 5) Charger



RL-200 1S



SLOPE LASER



RL-200 2S



RC-400

SPECIFICATIONS*	RL-200 1S	RL-200 2S
Repeatability	± 1.2mm	
Horizontal Accuracy	±7 arc seconds	
Grade Range	-5% to +25% (single)	±10%/ -5% to +25% (dual)
Working Range	1100 m	
Wave Length	685 nm visible	
Laser Class	Class 3R	
Environment	IP66	
RC-400 (Remote Control)	Option	Yes
Range		two-way 300m
LS-80L (Receiver)	Yes	
Receiving Range	1100 m	
Power	2 AA alkalines	



RL-200 2S Package



Bright blue screen

Machine Control Laser Receiver

LS-B100/110 Series – Advanced technology, value-priced laser receivers for dozers, scrapers, excavators, backhoes, and drag-boxes. All LS-B100/LS-B110 receivers feature simple, secure mechanical mounting, 360° beam detection, adjustable on-grade accuracy, water and dust proof cast construction, and bright multi-color LED displays.

Compatible with Topcon's family of Control Boxes for all your earth moving equipment the LS-B110 can also be used in "automatic" mode to hydraulically control the elevation and/or the slope of the cutting edge. This takes production and material savings up to a whole new level.



LS-B110

MACHINE CONTROL LASER RECEIVER		ART. NO
LS-B10	*1	312660201
LS-B10W	*1 (wireless)	312670221
LS-B100	*2	312670201
LS-B110	*1, 2a Vertical indicator	312670211
LS-B110W	*1, 2a Vertical indicator (wireless)	312670221
RD-100W	*1 (wireless)	312671221

*Batteries: 1) Dry Cell, 2) Rechargeable, 2a) Rechargeable optional



MACHINE CONTROL LASER RECEIVER

LS-B10W Handreceiver

The LS-B10W laser receiver delivers a versatile, low cost indicate solution for grade checking and machine control grade applications.

RD-100W Remote Display

Shows the Laser sensors information in the cab of the machine. Productivity increases on the job because the operator focuses on the grade information in the cab.



LS-B10W

RD-100W



LS-B100



LS-B110:
On-grade matching
and plumb indication



LS-B110W:
On-grade matching
and plumb indication



Magmount

SPECIFICATIONS*	LS-B10	10W	LS-B100	LS-B110	LS-B110W
Detective Range	120mm		175mm	250mm	
Detective Angle	270°		360°		
Detective Precision					
Mode 1:	±2mm			±3mm	
Mode 2:	±6mm			±6mm	
Mode 3:	±12mm			±15mm	
Mode 4:	±30mm			±30mm	
Detectable Laser	Wave Length 633 to 785nm				
Laser Detecting Range	(diameter) 800m (using RL-100 1S/2S)				
Wireless Communication with RD-100W	–	Yes	–	–	Yes
Internal Battery	C-size dry cells 4pcs. Battery pack BT-68Q (sold separately)				
External Power Supply	DC 10V to 30V				–
Operating Time (+20°C) Alkaline dry cells Battery pack BT-68Q	100h	20h	100 hours 50 hours	80 hours 40 hours	40 hours 18 hours
Operating Temperature	–20°C to +50°C				
Water Proof	IP66 (Based on the standard IEC60529)				
Dimensions (W/D/H)	110 x 36 x 176mm		158 x 166 x 357mm (With clamp)		
Weight (Without cells)	< 500g		2.0kg		
	RD-100W - Remote Display				
Wireless Communication	20m (may vary depending on obstacles between the two instruments as well as other communication)				
Internal Battery	AA-size dry cells 3 pcs.				
Operating time	40 hours				
Dimensions (W/D/H)	110 x 36x 176 mm				
Weight	0,5 kg				