

# Alpha-c

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*A precision cone laser to help simplify your most difficult jobs*



[www.proshotlaser.com](http://www.proshotlaser.com)

# The right tool for the job

What a difference it makes when you have the right tool. The Alpha-c saves so much time and effort when the job calls for a conical slope, that any other method is now obsolete. By eliminating the labor-intensive calculations and staking that used to be needed, the Alpha-c can pay for itself very quickly. The chance for errors is minimal when you can continuously check points all over the slope from a single setup.

Simple one button start-up gets you working quickly

Each Alpha-c is hand built and tested by our engineering team.

Choose the standard 0 to 4% head, or the finer adjustment capability of the 0 to 1.7% head at no additional cost



The Alpha-c can project a cone from 0 to 4% slope either up or down, in increments of 1/4%. An optional version projects a cone from 0 to  $\pm 1.7\%$  slope with even finer increments of 1/10%.



- Easy to set your desired slope
- Wide range of slopes, either up or down.
- Servo leveling for one button start-up
- Built tough to survive real jobsite use

## Alpha-c Specifications

|                              |  |
|------------------------------|--|
| Range with R7 laser receiver | .... 2000' dia., 1000' rad. (610m/305m)                                    |
| Horizontal accuracy          | ..... $\pm 10$ arc sec. ( $\pm 1/16"$ per 100')<br>( $\pm 1.5$ mm per 30m) |
| Cone slope capability        | ..... $\pm 4\%$ , 1/4% increments  |
| High resolution version      | ..... $\pm 1.7\%$ , 1/10% increments                                       |
| Leveling technology • Range  | .... Servo motor self leveling • $\pm 5^\circ$                             |
| Height alert                 | ..... Normally active, can be disabled                                     |
| Slope matching • Range       | ..... Single axis, X-axis self leveled • 8%                                |
| Rotation coverage • speed    | ..... $360^\circ$ • 500rpm.  |
| Machine control compatible   | ..... Yes, with most modern systems  |
| Warranty                     | ..... 24 Month defects coverage  |
| Power source • Life          | ..... Four C-cells • 75 hrs. (alkaline)                                    |
| Rechargeable batts. • Life   | ..... Optional Ni-Mh kit • 48 hrs.   |
| Laser beam type              | ..... Visible 670nm  |
| Laser classification         | ..... CDRH class IIIa, IEC class 3R  |
| Dust and water sealed        | ..... To international standard IP56                                       |
| Operating temperature        | ..... $-4^\circ$ F to $+140^\circ$ F ( $-20^\circ$ C to $+60^\circ$ C)     |

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