XtrAlign Laser

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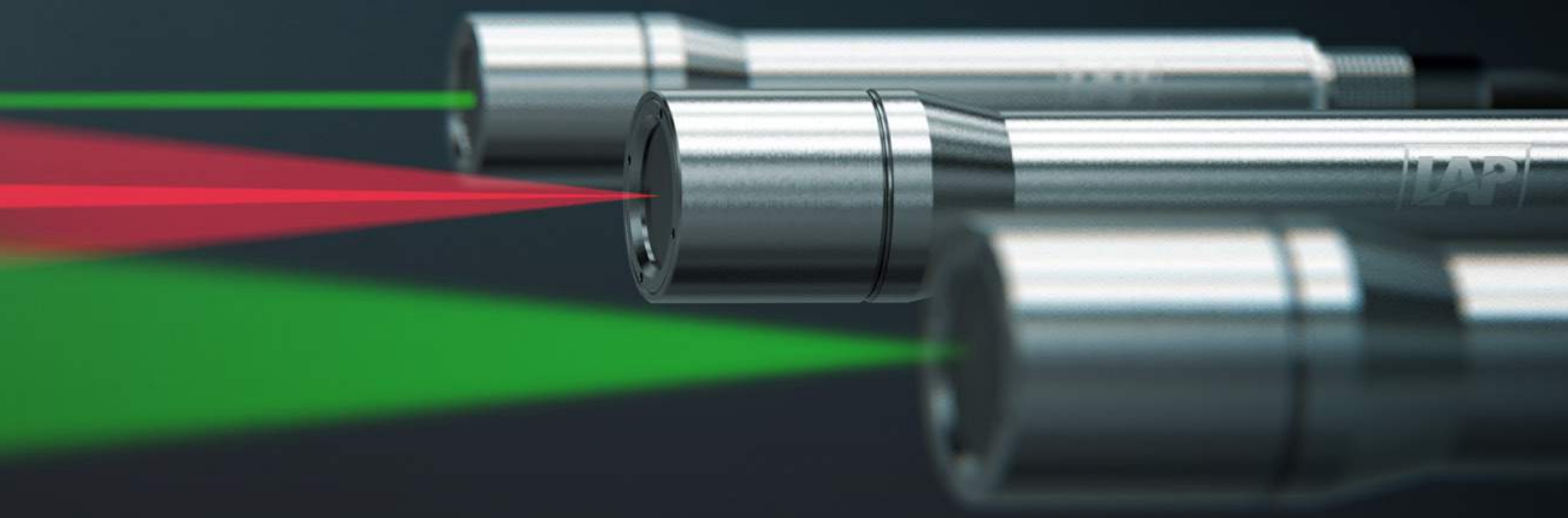
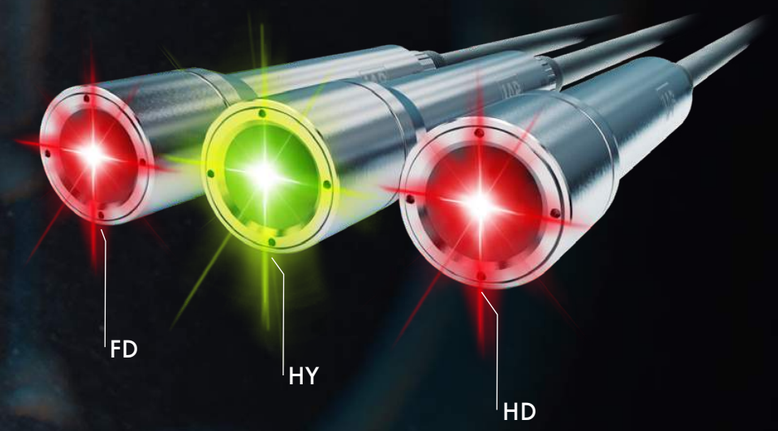


RELIABLE, PRECISE PROJECTION.
LINES, POINTS OR CROSSHAIRS.

LAP LASER

XtrAlign Laser

HIGH PRECISION LASER TECHNOLOGY SAFELY PACKAGED. FOR RELIABLE PROJECTION OF SPOTS, CROSSES AND LINES EVEN IN THE HARSHEST INDUSTRIAL ENVIRONMENTS. YOU CAN TRUST THE QUALITY OF XTRALIGN LASERS IN ANY SITUATION.



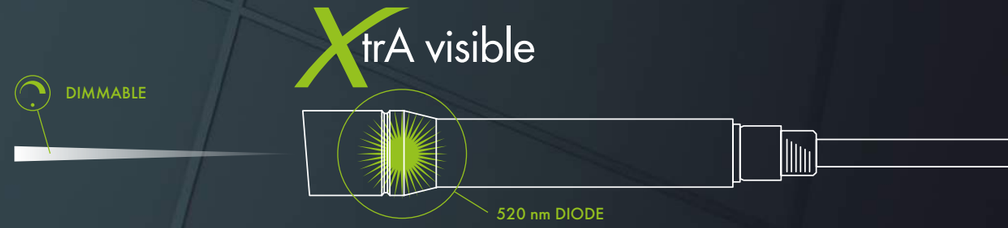
XtrA precise

Every XtrAlign laser has to pass our strict quality control. The projected lines may have a maximum deviation of ± 0.05 mm/m in relation to the ideal straight line. This precision is reflected in your application – you avoid rejects, you get a better process quality and eventually you save costs.

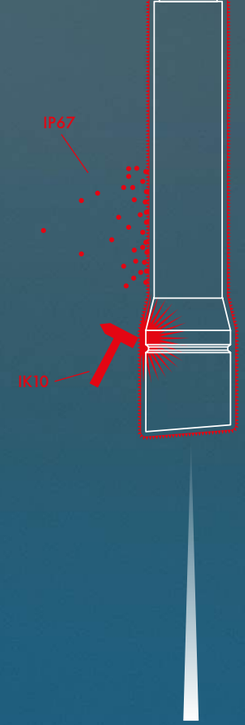
XtrA versatile

Save planning efforts: place the laser where you need it. You can adjust the focus manually, without tools, to obtain optimum quality of projected lines or points. Use the supply voltage on location: XtrAlign lasers offer several internal voltages and external power supplies for easy integration.

XtrA visible



Compared to red lasers with same power, green lasers are better visible in illuminated environments or on dark surfaces. In addition you may reduce the laser power of HY lasers if the projection is too bright, thus achieving a finer line and higher precision. Use green lasers to optimize the quality of your processes.



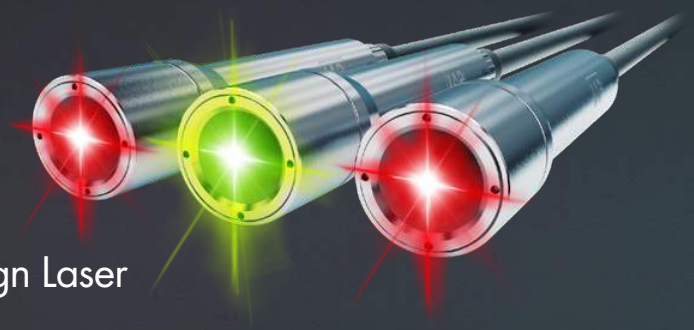
XtrA robust

The housings of XtrAlign lasers are dust-proof and water-proof according to IP67. They also comply with IK10, the highest class of shock-resistance. This ensures the function of the lasers also in extreme environments. You have no costs for replacing the lasers, and you don't have downtime in your production due to inadequate protection.

XtrA reliable

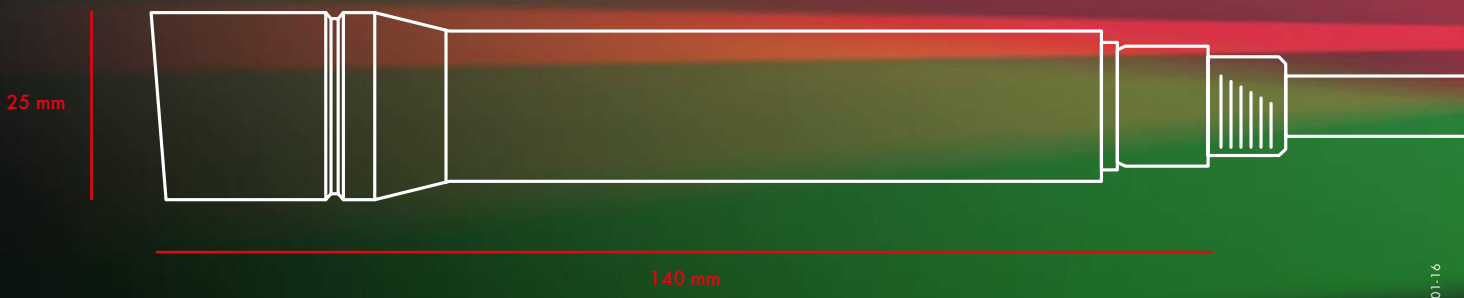
XtrAlign lasers have a service life of more than 30,000 hours. This means more than 10 years of operation if you use them 8 hours a day. Investing in a XtrAlign laser will keep the follow-up costs low for a long time. At zero, to be exact.

	FD	HD	HY
Laser	—	— + ·	— + ·
Internal power supply	12 ... 30 V DC 15 ... 20 V AC	12 ... 30 V DC 15 ... 20 V AC	12 ... 30 V DC
Laser power	1 ... 30 mW	1 ... 30 mW	1 ... 40 mW
Line length	1 ... 20 m	1 ... 20 m	1 ... 30 m
Optics	80° fixed focus	10°, 20°, 30°, 40°, 80° manually focussable	10°, 20°, 30°, 40°, 80° manually focussable
Protection	IP 67	IP 67	IP 67
Shock resistance	IK10	IK10	IK10
Special features	introductory model	precise lines, straightness 0.05 mm/m	dimmable laser power for change of line width



XtrAlign Laser

1:1-ILLUSTRATION



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ISO 9001
ISO 13485

made in Germany

CE

www.lap-laser.com/xtralign

LAP LASER

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