



Questions for specifying articulating laser Arm requirement

Arm

Sections and overall length A+B+C

Support shaft, flange, type, dimensions

Laser beam entry point

Clear aperture (partly defined by beam diameter, divergence and lengths required)

Counterweight required and any limitations on position

Finish/colour standard is anodised black

Output beam accuracy , standard is $\pm 0.5\text{mm}/\pm 1\text{mrad}$

Laser

Beam wavelength(s)

Beam diameters and divergence at each wavelength.

Beam profiles: Gaussian, top-hat, rectangular, elliptical; any hot-spots, circular,

Beam polarisation

Pulse energy at each wavelength (or CW power)

Pulse duration at each wavelength

Repetition rate at each wavelength

Please supply , notes, drawings, sketches , specification's etc

