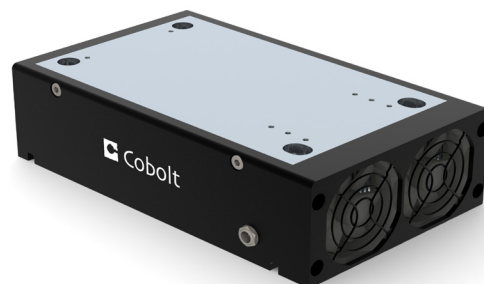


Cobolt HS-05 Heatsink

Heatsink with fans for Cobolt Skyra™

Cobolt model number	HS-05
Thermal resistance	0.17 K/W
Material	Aluminium
HS-05 is suitable for use with laser:	Cobolt Skyra™ Cobolt 05-IE Series Cobolt Tor XE
Dimensions [mm] [inches]	196 x 118 x 54 7.7 x 4.6 x 2.1
Power supply requirements	12 VDC 0,66V
Weight	1,6 kg



To ensure operation within given specifications the Laser Head must be attached to a heatsink providing good thermal resistance. This value is the difference between the maximum operating laser base plate temperature (50°C) and the maximum ambient temperature at the air-heatsink interface (40°C), divided by the maximum power dissipated from the laser head (~50W). The mounting surface should be flat

(within 0.05 mm over mounting surface). It is recommended to use a thermal heat compound between the laser head and the heat sink to provide good thermal contact. The forced air heatsink is designed to accommodate Cobolt Skyra™ footprints and can be bolted to a standard metric or imperial optical table.

