

Uniquely ULS

Universal Laser Systems GmbH

Air Assist with Positive Optics Protection

Universal Laser Systems, Inc. (ULS) has introduced an Air Assist with Positive Optics Protection option on its new VLS and PLS line of CO₂ laser cutting, marking and engraving systems.

The new systems are pre-plumbed for high pressure (50 PSI @ 2.5 cfm) air assist with positive air optics protection that keeps optics clean for a longer period of time. The unobtrusive, sleek air assist design provides protection along two paths: the optics protection path and the cone path. The optics protection path protects the beam window and mirrors from smoke and residue. The cone path protects the focus lens and provides a downward air flow directly into the beam path at the focus point, which keeps the optics clean from flying debris.

In addition to optics protection, air assist helps suppress material flaming and disperses smoke, fumes and gasses. It is available in two configurations: as a Cone attachment which directs high pressure air onto the material being processed; and as a Back Sweep attachment which directs high pressure air toward the exhaust duct to evacuate smoke away from the material being processed.

The Air Assist with Positive Optics Protection option requires a clean, dry, oil-free compressed air source and is recommended for use with Universal's Computer-Controlled Compressed Air Unit.

The Air Assist with Positive Optics Protection option is just one of several Uniquely Universal benefits that showcase the higher quality standards of ULS laser systems.