Modular Hood

Weld fume containment solutions

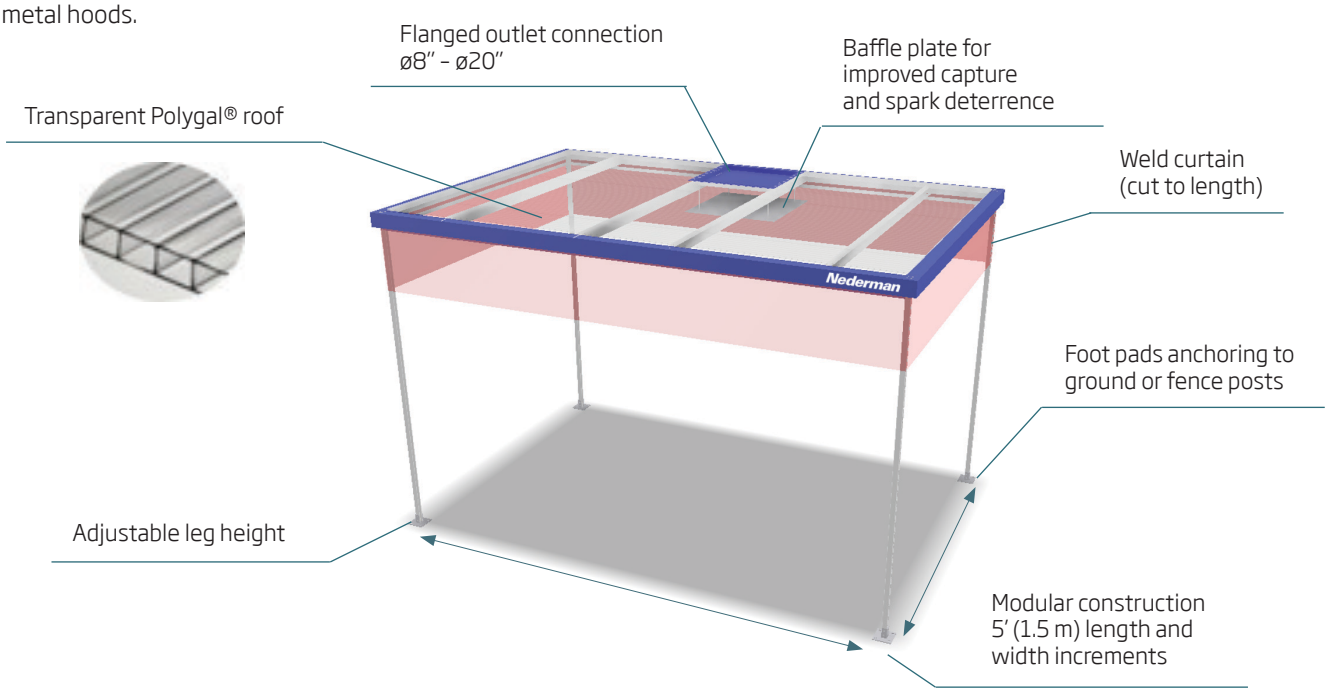
Contain and control weld fume

The Nederman Modular Hood is a configurable capture hood designed to control welding fume on both manual and automated welding applications by containing the fume near the source to be safety extracted to the dust collection system. The hood prevents fumes and dust from migrating throughout the facility improving worker health and safety and reducing maintenance and cleaning costs. Local containment also offers a more economical and energy efficient solution compared to conventional hoods or ambient air cleaning by reducing the total air volume required.

- Effective capture. Baffled exhaust design improves airflow for efficient capture and optimized airflow while deterring spark entrainment.
- Configurable solution. Modular construction allows system to be adapted to a wide range of welding areas.
- Low profile design. Tight fit and slim to the welding workstation to minimize additional footprint required for fume extraction.
- Ergonomic. Clear ceiling allows light into the workstation improving visibility without the need for additional lighting.
- Flexibility. Secure to the ground or onto weld cell fence posts, adjust leg height and select optimal outlet location and duct connection size.

Fresh approach to welding hoods

Nederman's modular hood offers features that make it quick and easy to install and enhance performance compared to traditional sheet metal hoods.



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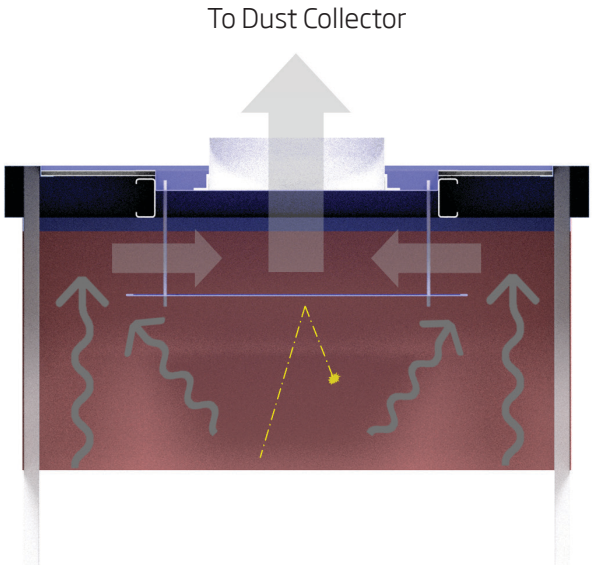
Effective and efficient fume capture

The hood and baffle design allows the fume to be captured effectively and efficiently with less air volume than conventional canopy hoods. The design also enhances safety by deterring sparks from entering the duct and conveying to the dust collector and reducing the risk of fires.

1. The thermal rise of the weld fume carries the contaminate to the upper portion of the hood.
2. The enclosed volume prevents the fume from leaving the area.



4. High-velocity airstreams are created in the top portion of the hood entraining the fume and extracting it from the workplace.
3. Sparks are deterred from being drawn into the duct reducing the risk of fires.

Configuring the modular hood that fits your unique need

Nederman offers standard hood sizes with for floor or fence mounting that are commonly applied on weld cells. We can help you determine what size best fits your process and select the size and number of extraction points that are required.

Model Number	Size*				Max Leg Height **		Mount
	Width		Depth				
	ft	m	ft	m	ft	m	
MHG-0505	5	1.5	5	1.5	20	6.1	Ground
MHG-0510	5	1.5	10	3.0	20	6.1	Ground
MHG-1010	10	3.0	10	3.0	20	6.1	Ground
MHG-1015	10	3.0	15	4.6	20	6.1	Ground
MHF-0505	5	1.5	5	1.5	8	2.4	Fence
MHF-0510	5	1.5	10	3.0	8	2.4	Fence
MHF-1010	10	3.0	10	3.0	8	2.4	Fence
MHF-1015	10	3.0	15	4.6	8	2.4	Fence

*Contact factory for custom sizes

**Height adjusted to desired length upon installation

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