

Tweco® Centrovac

Air & Water-cooled Fume Extraction MIG Guns



The Tweco Centrovac Fume Guns work great in combination with the ESAB CarryVac 2 Fume Extraction Unit.

The Centrovac air-cooled and water-cooled fume guns (260C, 415C, 420Cw) are designed to extract a large volume of fumes at the weld source for light-, medium- and heavy-duty applications. Removing the smoke cloud created during the weld process also minimizes downtime and maximizes production uptime by increasing the welder's visibility and efficiency during the welding process. Centrovac MIG guns improve work conditions and provide a healthier environment for the welder and coworkers.

Centrovac 420Cw's high flow rate allows the front end consumables to cool more rapidly, extending the lifetime up to 3-5 times more than air-cooled guns. Connection for competitive PS/Feeders is available.

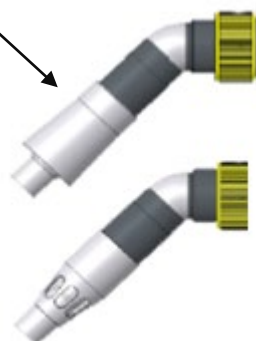
- Back end design available in multiple connections and adapts to most competitive wire feeders, preventing fumes from reaching the power connection and resulting in less maintenance
- Over 95% of fumes can be removed when using the correct extraction system for the weld application
- Vacuum vent located at the front of the handle allows user to easily adjust extraction rates and help eliminate the possibility of extracting too much shielding gas in tight areas
- Light, well-balanced and ergonomic handle design makes it very comfortable to grip with exceptional articulate motion using a knuckle joint configuration
- Optional fume shrouds to choose from for optimum fume extraction rates

Industry

- Ship and Offshore Yards
- Tank and Vessel Fabrication
- Aerospace
- Transportation
- General Manufacturing

Fume shroud fixed to gas nozzle as standard

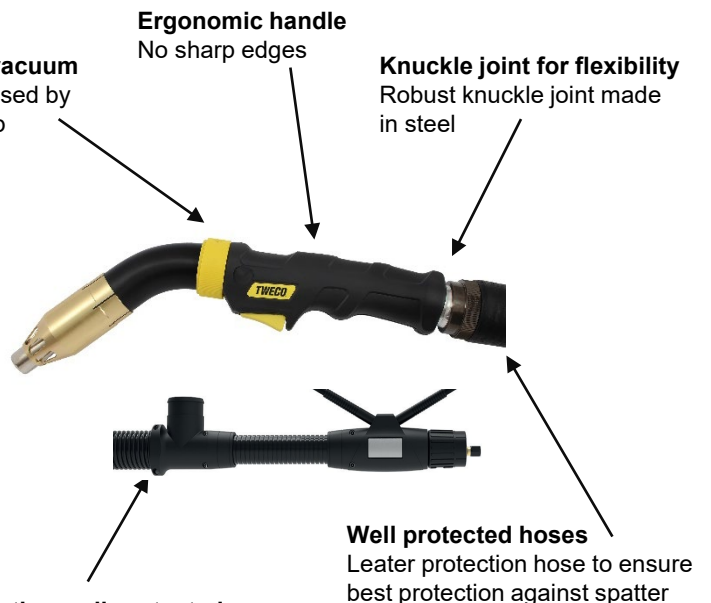
- Optional fume shroud without gas nozzle available as spare
- 2 different designs available



Easy adjustable vacuum
Vacuum can be eased by turning yellow knob

Ergonomic handle
No sharp edges

Knuckle joint for flexibility
Robust knuckle joint made in steel



Connection well protected
External T-piece extract the fumes before reaching the connector

Well protected hoses
Leather protection hose to ensure best protection against spatter

Tweco® Centrovac Fume Extraction MIG Guns

Specifications			
Model	Tweco 260C	Tweco 415C	Tweco 420Cw
Cooling	Air	Air	Water*
Welding Output CO ₂ **	250 A at 60%	380 A at 60%	430 A at 100%
Welding Output Mixed Gas**	225 A at 60%	325 A at 60%	430 A at 100%
Recommended Gas Flow	8-12 l/min (17-25 cfh)	10-18 l/min (22-38 cfh)	10-20 l/min (22-42 cfh)
Wire Diameter	0.6-1.0 mm (.024 in.-.039 in.)	0.8-1.6 mm (.035 in.-1/16 in.)	1.0-1.6 mm (.039 in.-1/16 in.)
Certification Mark (Standards)	IEC/EN 60974-7		
Operating Temperature	-10 °C to 40 °C (14 °F -104 °F)		
Cable Length	10 ft (3 m), 15 ft (5 m)***		

*When using liquid cooled torches in freezing conditions, use an adequate cooling liquid.

**Rated using power source with VDE standard volt/amp characteristic (U=14+0.05xI). When pulse welding, reduce rating by 35%.

***Upon a special request, a 12ft. long Tweco Fume MIG Gun can be ordered.

Ordering Information					
Description	Cooling	3 m (10 ft)		5 m (15 ft)	
		Model No.	Stock/Part No.	Model No.	Stock/Part No.
Tweco 260C - TWECO	Gas	S260C104045	1026-1108	S260C154045	1026-1110
Tweco 260C - MILLER		S260CM104045	1026-1111	S260CM154045	1026-1113
Tweco 260C - EURO		S260CX104045	1026-1114	S260CX154045	1026-1116
Tweco 415C - TWECO	Gas	S415C104045	1026-1117	S415C154045	1026-1119
Tweco 415C - MILLER		S415CM104045	1026-1120	S415CM154045	1026-1122
Tweco 415C - EURO		S415CX104045	1026-1128	S415CX154045	1026-1130
Tweco 420Cw - TWECO	Water	S420W104045	1026-1133	S420W154045	1026-1135
Tweco 420Cw - MILLER		S420WM104045	1026-1136	S420WM154045	1026-1138
Tweco 420Cw - EURO		S420WX104045	1026-1139	S420WX154045	1026-1141

For wear & spare parts please see separate fact sheet or instruction manual.



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