

CLEARO2 



HI-VAC UNITS

EXTRACTION

NO FUMES, ONLY CLEAN AIR





HI-VAC UNITS INTEGRATED FUME EXTRACTION



CLEARO2
UNITS



**ENGINEERED FOR THE TRANSLAS
7XE, 8XE & 8TE, EXTRACTOR GUNS**

Powerful, Flexible & Mobile.

The ClearO2 portable extraction units offered by Translas were specially engineered to work with the 7XE, 8XE, & 8TE Extractors to deliver the best results - up to 98% extraction of welding fumes directly at the source. The ClearO2 portable extraction units and solutions are ready to use systems, designed for maximum convenience for the welder during work.



AUTOMATIC FILTER CLEANING

The ClearO2 W-series have an automatic cleaning function by reverse compressed air pulse. The moment the under pressure in the filter is too high, the units start to clean the filters automatically. A manual cleaning function can be done by pressing a single button. With a large filter area the ClearO2 Hi-vac units are the most efficient units of their size.



POWERFUL FILTRATION

With the combination of a 7XE, 8XE, 8TE Extractor and a ClearO2 unit, the captured fumes are filtered with an efficiency > IFA 99.8%. The powerful solution is suitable for high production welding environments.



LARGE FILTER AREA

This is one of the most efficient units of its size with a filter area of 5m².



EFFICIENT MOTOR SYSTEM

The electric motor of the units is designed to work continuously. Due to the automatic cleaning function and the simplified motor system, the units' maintenance is minimal, making them long-lasting and time saving. The automatic start/stop function was engineered to preserve energy and synchronize the units with the Translas Extractor guns. The moment the gun is out of the gun holder, the machine automatically starts working.

There are two start/stop options: the clamp, which works on induction, and the gun holder. For both options, after stopping welding or putting the gun back into the holder, the machine stops working after about 20 seconds.



CLEARO2
UNITS

LIGHT & MOBILE

**IFA
99.8%**

**ONLY GENERATES
65dB**



AUTO START/STOP OPTIONS

These options are designed to work only with the 7XE, 8XE, & 8TE Extractors guns by using the clamp auto start/stop.

- ✓ **DESIGNED FOR THE 7XE, 8XE, & 8TE EXTRACTOR TORCHES**
- ✓ **MOBILE, WITH WHEELS OR CRANE HOOKS**
- ✓ **UNITS FOR 1 - 2 WELDERS**
- ✓ **SUITABLE FOR HIGH-PRODUCTION ENVIRONMENT**
- ✓ **QUIET < 65dB & EFFICIENT**



MIG CLEARO2 UNITS
INTEGRATED FUME EXTRACTION



**CLEARO2
UNITS**

MIG HI-VAC UNITS



W 100 CLEARO2
UNIT

MIG HI-VAC UNITS



W 200 CLEARO2
UNIT

EXTRACTION



MIG CLEARO2 W100/150

INTEGRATED FUME EXTRACTION

FOR ONE WELDER



CLEARO2
UNITS



PART NO.	DESCRIPTION	PACK QTY
ClearO2 W100 - W150		
374610000000	Welding fume unit ClearO2 W100 220 - 240 V 50 - 60 Hz 1.5 KW	1
374615000000	Welding fume unit ClearO2 W150 380 - 420 V 50 - 60 Hz 1.5 KW	1

Dimensions	(L x B x H) 700 x 440 x 585 / 630mm (without / with wheels)
Implementation	Mobile on 4-wheels. Two rotating with locks
Power Supply	(W100) = 220 - 240 V / 50 - 60 Hz (W150) = 380 - 480 V / 50 - 60 Hz
Motor power	Max 1.5 KW
Suction Flow	Max. 180 m³/h (free blowing)
Suction Flow Effective	Max. 65m³/h
Working Pressure	Max. 36000Pa (el. Controlled)
Filter Surface	5m² Active filter surface, Filter efficiency: IFA >99.8%
Working Temperature	0 to +50°C
Max. DC	DC: 100%
Inlet	51 mm
Weight	Ca. 45 kg
Noise Level	Max. dB(A) <65Db(A) (at 100% suction flow)
Filter method	Disposable filter
Certifications	CE, W3, and CSA



MIG CLEARO2 W200

INTEGRATED FUME EXTRACTION

FOR TWO WELDER



CLEARO2
UNITS



PART NO.	DESCRIPTION	PACK QTY
ClearO2 W200		
3746200000000	Welding fume unit ClearO2 W200 380 - 420 V 50 - 60 Hz 3 KW	1

Dimensions	(L x B x H) 700 x 530 x 560 / 630mm (without / with wheels)
Implementation	Mobile on 4-wheels. Two rotating with locks
Power Supply	400 - 480 V / 50 - 60 Hz
Motor power	Max 3.0 KW
Suction Flow	Max. 250 m³/h (free blowing)
Suction Flow Effective	Max. 65m³/h
Working Pressure	Max. 45000Pa (el. Controlled)
Filter Surface	5m² Active filter surface, Filter efficiency: IFA >99.8%
Working Temperature	0 to +50°C
Max. DC	DC: 100%
Inlet	51 mm
Weight	Ca. 58 kg
Noise Level	Max. dB(A) <65Db(A) (at 100% suction flow)
Filter method	Disposable filter
Certifications	CE, W3, and CSA



TIG CLEARO2 UNITS
INTEGRATED FUME EXTRACTION



**CLEARO2
UNITS**

TIG HI-VAC UNITS



**T
100** **CLEARO2
UNIT**

TIG HI-VAC UNITS



**T
200** **CLEARO2
UNIT**

EXTRACTION



TIG CLEARO2 T100

INTEGRATED FUME EXTRACTION

FOR ONE WELDER



CLEARO2
UNITS



Dimensions	(L x W x H) 620 x 380 x 465mm
Power Supply	230V/50Hz
Motor Power	1.2 KW
Suction Flow	Max. 125m3/h
Suction Flow Effective	Max. 38 CFM (Translas Extractors)
Working Pressure	Max. 30000Pa
Filter Surface	2,5m2 (!! Aktive Filteroberfläche !!)
Filter Efficiency	IFA > 99,8%
Inlet	51mm (optional 44mm)
Weight	Ca. 30 kg
Noise Level	Max. dBa (A) < 65dBA (at 100% Suctionflow)
Filter Method	Disposable filter
Certifications	CSA, CE

W3 is under construction.
Option: Start/Stop cable

PART NO.	DESCRIPTION	PACK QTY
ClearO2 T100		
3756100030000	ClearO2 T100 230V 50Hz 1.2kW	1



TIG CLEARO2 T200

INTEGRATED FUME EXTRACTION

FOR TWO WELDERS



CLEARO2
UNITS



Dimensions	(L x B x H) 700 x 440 x 585 / 630mm (without / with wheels)
Implementation	Mobile on 4-wheels. Two rotating with locks
Power Supply	(W100) = 220 - 240 V / 50 - 60 Hz (W150) = 380 - 480 V / 50 - 60 Hz
Motor power	Max 1.5 KW
Suction Flow	Max. 180 m³/h (free blowing)
Suction Flow Effective	Max. 65m³/h
Working Pressure	Max. 36000Pa (el. Controlled)
Filter Surface	5m² Active filter surface, Filter efficiency: IFA >99.8%
Working Temperature	0 to +50°C
Max. DC	DC: 100%
Inlet	51 mm
Weight	Ca. 45 kg
Noise Level	Max. dB(A) <65Db(A) (at 100% suction flow)
Filter method	Disposable filter
Certifications	CE, W3, and CSA

PART NO.	DESCRIPTION	PACK QTY
ClearO2 T200		
3756200030000	ClearO2 T200 220-240V 50-60Hz 1.5kW	1



SPARE PARTS FOR HI-VAC UNITS
INTEGRATED FUME EXTRACTION



CLEARO2
UNITS



1



2



3



4



5



6



7



8



9



10



11



12



SPARE PARTS FOR HI-VAC UNITS
INTEGRATED FUME EXTRACTION



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ITEM	PART NO.	DESCRIPTION	PACK QTY
SPARE PARTS			
1	371012	Torch holder ø40mm for automatic start/stop 5mtr ClearO2	1
	371013	Torch holder ø40mm for automatic start/stop 10mtr ClearO2	1
	371014	Torch holder ø50mm for automatic start/stop 5mtr ClearO2	1
	371015	Torch holder ø50mm for automatic start/stop 10mtr ClearO2	1
2	374010	Sensing cable auto start / stop 4mtr W-serie	1
3	3740103	Extension cable auto start / stop incl. 5-p plug W-serie 3mtr	1
	3740105	Extension cable auto start / stop incl. 5-p plug W-serie 5mtr	1
	3740110	Extension cable auto start / stop incl. 5-p plug W-serie 10mtr	1
4	374020	Filtermat W-serie ClearO2 5m2	1
5	374025	Filtermat W-serie ClearO2 (set/5pc)	1
6	374099	Ball valve to reduce the suction flow	1
7	3740106	Pressure reducing value 5 - 15 bar 1/4-NP7.2	1
8	37422505	ClearO2 suction hose black ø51mm 5mtr	1
8	7422510	ClearO2 suction hose black ø51mm 10mtr	1
9	374126	Coupler for suction hose black ø51mm 5mtr	1
10	374130	Coupler to extend the suction hose ø51mm	1
11	398110	Coupler for suction hose ø51mm side 8XE	1
12	374149	Y-Branch Adapter for T200	1



BY WELDERS. FOR WELDERS



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