



FUME EXTRACTION TORCHES



DIX MR/MRZ 8XE DIX MR/MRZ 8XE mini

ORIGINAL DINSE TORCH TECHNOLOGY

- ▶ System components in highest quality
- ▶ Long-lasting spare parts
- ▶ Top class torch technology
- ▶ Outstanding cooling
- ▶ No compromise in quality and performance

ORIGINAL TRANSLAS FUME EXTRACTION TECHNOLOGY

- ▶ Patented fume extraction technology
- ▶ Highest underpressure for first class extraction performance
- ▶ Reduces fume up to 98%
- ▶ Results confirmed by TNO (Netherlands Organisation for Applied Scientific Research)

THE BEST OUT OF TWO WORLDS

BEST SUCTION TECHNOLOGY COMBINED WITH BEST WELDING PERFORMANCE: THE FUME EXTRACTION TORCHES IN COOPERATION WITH TRANSLAS

Translas from the Netherlands offers extensive know-how about fume extraction technology. We combined this competence with our fully developed torch technology as well as the top class DINSE spare parts. In the torch sets the best out of two worlds are combined: The best fume extraction technology by Translas and the best welding performance with the high-class torch technology by DINSE.

LIGHTWEIGHT

The handle only weighs 600 gram

WELDING TECHNOLOGY ON THE HIGHEST LEVEL

The torch neck contains the original DINSE welding technology

ERGONOMIC BALL JOINT

With innovative „Full Stop“-technology - 360° rotatable

LEATHER HOSE

The leather hose with a velcro fastener is strongly secured against slipping and is included in the standard version

ROBUST CONSTRUCTION

The handle is made from resistant plastic and lies perfectly in the hand

PATENTED GAS- AND EXTRACTION NOZZLE

Guarantees the highest suction performance in industrial environment

OPTIMAL CURRENT TRANSFER

The high-quality DINSE contact tips are manufactured for an extra long lifespan



FLEXIBLE IN EVERY DETAIL

COVERING CAP



STANDARD

PRESSURE
RELIEF

ONE BUTTON

UP / DOWN

The hand torches can be adapted to your individual demands down to the details.

For the design of the covering cap as well as for the bottom caps you can choose between four different variants - that are mutually compatible.

This allows you to use the torch for example with a remote control, start the welding process with the upper button or regulate the welding current directly at the torch. The fume extraction performance can be actively and precisely influenced.

All possible variants of caps can be subsequently modified.

STANDARD

TRIGGER
PROTECTION

BLIND
(IN COMBINATION WITH AN
UP / DOWN-TOP COVER)

PISTOL

BOTTOM CAPS





DIX MR/MRZ 8XE

PERFECT GAS COVERAGE

A patented gas and extraction nozzle - for your best welding results

The unique form of the gas nozzle in combination with the size of the airways is innovative and protected by patent law.

The construction and structure of the suction chambers, the perfect separation of the gas and suction flow, as well as the integrated spatter protection guarantees an extraction of 90-98% with perfect gas coverage.

These results were measured and confirmed by the Netherlands Organisation for Applied Scientific Research (TNO).

QUALITY WITHOUT COMPROMISES

It is the inner values that count

The centrepiece of the fume extraction torch is the torch neck based on the DINSE DIX 330 model. This means for you: First class cooling and best welding performance in familiar DINSE quality.

Also the supply hose contain DINSE expertise: The torches are equipped with the original DINSE combi cable (electricity and water supply).

MR 8XE mini-xx

MR 8XE-xx

MRZ 8XE mini-xx

MRZ 8XE-xx



280 A/100% ED



250 A/100% ED
(DIN EN 60 974 - 7)

WIRE DIAMETER

Ø 0,8 mm Ø 1,2 mm



gas-cooled



320 A/100% ED



300 A/100% ED
(DIN EN 60 974 - 7)

WIRE DIAMETER

Ø 1,0 mm Ø 1,6 mm



gas-cooled



360 A/100% ED



320 A/100% ED
(DIN EN 60 974 - 7)

WIRE DIAMETER

Ø 0,8 mm Ø 1,2 mm



liquid-cooled



550 A/100% ED



500 A/100% ED
(DIN EN 60 974 - 7)

WIRE DIAMETER

Ø 1,0 mm Ø 1,6 mm



liquid-cooled

ERGONOMICS IN TOP FORM



Innovative ball joint: 30° vertical angular movement and 360° rotatable

All models have a ball joint with a „Full Stop“-technology: The ball joint can be turned exactly 180 ° in both directions at a 30 ° angle. Twisted internal lines are a thing of the past thanks to the „Full Stop“ technology.

Due to the intergrated ball and the nut, the transition from the handle to the hose package is perfectly solved. Any cleaning or maintenance can be easily done.

LONG-LIVING AND LOW-WEAR

Spare parts in highest quality

The models of the MR (Z) 8XE series are all equipped with a contact tip in original DINSE quality.



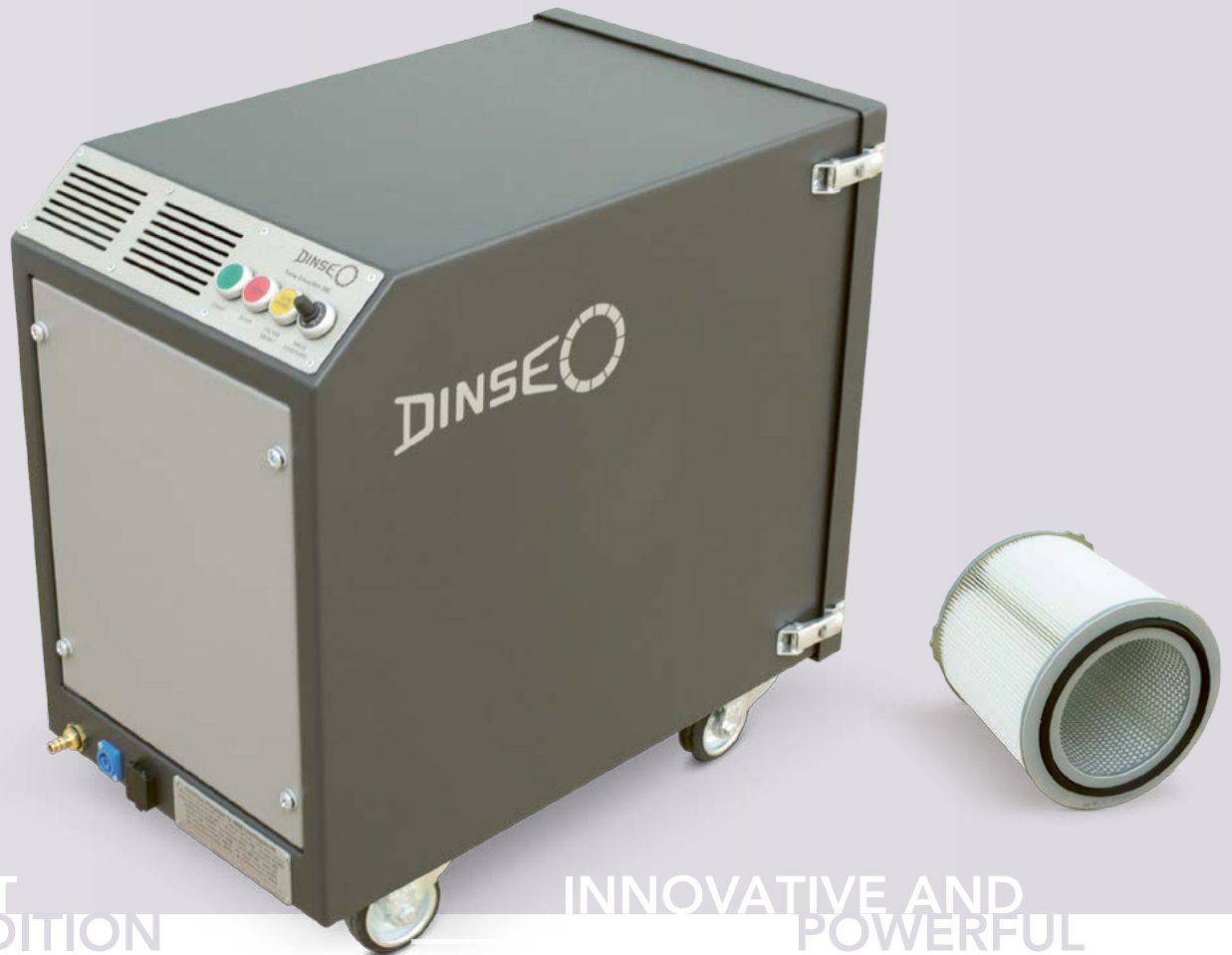
The contact tip has an extraordinarily special thread which is designed and developed especially for demanding welding applications.

In combination with the corresponding tip adapter a perfect centering, outstanding current transmission and optimal cooling of the contact tip are guaranteed.

Together both parts enables a fast and easy change of the contact tip.

Of course the contact tips are also available in CR-ZR. For welding with aluminium you can also choose specially designed contact tips.

EXTRACTION UNIT FE 340



PERFECT
ADDITION

INNOVATIVE AND
POWERFUL

You can rely on this performance

With a filter efficiency of 99,97% FE 340 is among the top products on the market. It ensures compliance with emission limits of 1 mg/m³.

33.500 Pa maximum underpressure ensure a first-class extraction performance - thus the FE 340 is also ideal for long distances.

Where a lot of welding is carried out, a lot of noise is generated, which puts additional burden on the welder. The FE 340 with its engine smoothness produces a very low noise level of <60 dB(A).

5m2 active filter area for first class extraction performance

The large filter area and a modern cleaning system with compressed air ensure a long service life of the filter. If a filter change is needed, the system will let you know both visually and acoustically. A spark separator reduces the risk of fire.

The wear-free brushless motor of the FE 340 ensures reliable operation also in multi-shift operation and reduces maintenance and spare parts.

The fume extraction unit FE 340 has a stepless extraction power control by means of frequency converter. This allows an individual speed setting and minimize energy costs.

TECHNICAL DATA

Technical data fume extraction torches

MR 8XE mini-xx gas-cooled	280A/100% ED CO2	250A/100% ED mixed gas
MR 8XE-xx gas-cooled	320A/100% ED CO2	300A/100% ED mixed gas
MRZ 8XE mini-xx liquid-cooled	360A/100% ED CO2	320A/100% ED mixed gas
MRZ 8XE-xx liquid-cooled	550A/100% ED CO2	500A/100% ED mixed gas

Technical data fume extraction FE 340

Connection voltage	230 V/50 Hz
Connection power	1,5 KW
Max. air volume flow	180 m ³ /h*
Max. underpressure	33500 Pa
Separation efficiency	> 99,99%
Dimensions (L x W x H)	700 mm x 440 mm x 585/660 mm**
Weight (stationary/mobil)	approx. 39/42 kg
Operating temperature range	0° C bis +50° C
Connection diameter	44 mm**
Active filter area	5 m ²
Max. duty cycle	100%
Protection class	IP 42
Certification	W3 pending
Max. sound level	< 60 dB _A

* without sensing element

** optionally also with Ø 38 or Ø 51mm available

*** with wheel set

The part number for each product you will find in our product catalogue.

Your dealer:



DINSE is your dependable partner for the entire welding process. Contact us and schedule an appointment for personal consultation today! Together with you we will find the best solution for your application.



+49-(0)40-65875-255



fumeextractionsystem@dinse.eu

DINSE G.m.b.H. • Niewisch 9 • 22848 Norderstedt • Telephone: +49-(0)40-65875-0 • info@dinse.eu • www.dinse.eu