



**RMT ROHR- UND
MASCHINENANLAGENTECHNIK**

PRODUCT BROCHURE

**WE
SPARK
A FIRE!**

OUR MOBILE FLARE

- greater flexibility on-site
- safer than ever before
- even more power





A MOVEABLE INNOVATION

ALWAYS EXACTLY WHERE YOU NEED IT.

» Our mobile flare can easily be taken to any job site.

TECHNICAL PARAMETERS

INLET PRESSURE

0 to 420 bar

GAS THROUGHPUT

> 3.000 m³/h. i.N.

IGNITION SYSTEM

2 kV ignition lance and propane pilot burner
– fully redundant

OUTLET HEIGHT

approx. 8 m about TGS

MIN. OUTLET PRESSURE

down to 0 bar possible

INSTALLATION AREA

L x W x H = 6 m x 2,5 m x 8 m

POWER SUPPLY

230 V AC

VOLUME

< 80 dB

The RMT mobile flare:

8 metres high – and phenomenal in every way.

Our fully automated mobile gas flare was developed in-house, and is mounted on a modified car trailer.

From de-pressurising pipeline sections, to venting gas under regular operating conditions, the mobile flare can be used quickly and effectively for maintenance and repair work. All residues – e.g. natural gas – are burnt almost completely.

The RMT flare is very compact. It can be set up and ready for operation – with next to no tools – in a maximum of 15 minutes, and can be easily and safely operated outside the hazard zone, using a remote control. It combines maximum flexibility with impressive performance!

AUTOMATED

- **Automatic operation** by means of a radio remote control
- **Fully automatic ignition** with a propane pilot burner, in combination with an ignition lance and redundant 2 kV high-voltage ignition with flame monitoring
- Pilot burner with thermocouple for **flame detection**
- **Gas supply automation** by means of a pneumatically-controlled valve with position controller and end positioning monitoring

OPTIMIZED

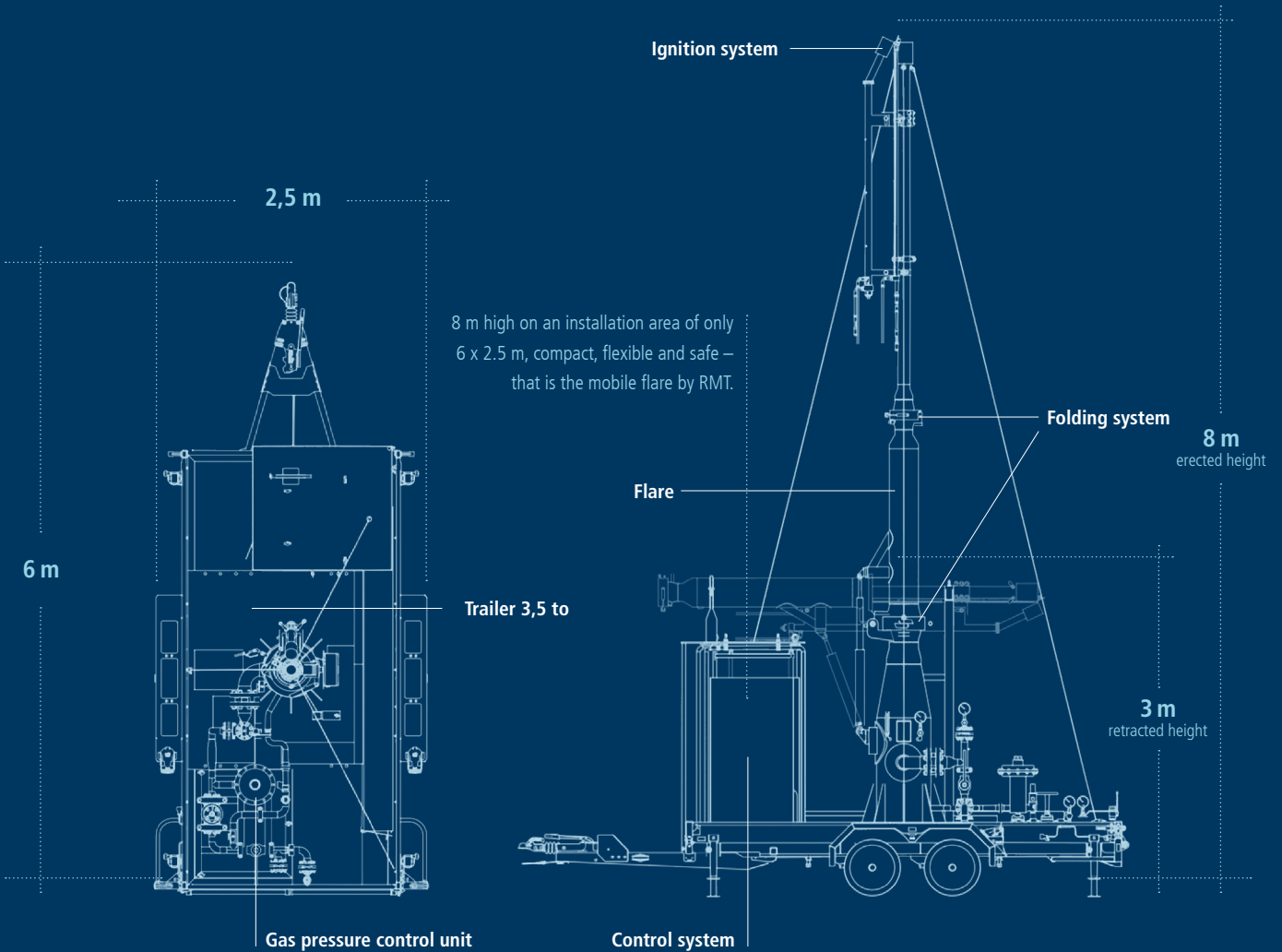
- Almost **complete evacuation** of gas systems
- **100% suitable for hydrogen**, because the adapter system can be retrofitted
- **Sound optimization** through intelligent flow calculation and sound absorbers inside the flare
- **Optimized flow guidance** for a stable combustion process
- **redundancy of ignition system** and flame monitoring to ensure that the flare is burning at all times, and that no unburnt methane (natural gas) can escape into the atmosphere

SECURE

- **Precise alignment of the trailer**, with height-adjustable supports on all four corners. In addition, vertical alignment is carried out using two level indicators on the side of the flare
- **Vibration-free operation thanks to three-sided anchoring** – the flare can be used safely for 50 years in storms (wind force 9) without restrictions
- **Safe construction**, thanks to a hydraulically supported folding mechanism
- Safe combustion up to wind force 5 (wind speeds from 8 to 10.7 m/s), because the flare has an electronic post-ignition system
- **Fully automatic control** by means of a remote control within a range of 25 meters from the flare
- **Emergency stop switch** on the control cabinet and on the remote control
- Additional security due to optional operation with manual control valve in the bypass



DIMENSIONS



Have we sparked your interest?

To find out about all our other services, visit
rmt-anlagenbau.de



To find out more about the mobile flare and other services and products offered by RMT, please do not hesitate to contact us. We look forward to your enquiry.

RMT ROHR- UND MASCHINENANLAGENTECHNIK GMBH
 Ammerländer Heerstraße 368 · 26129 Oldenburg
 Phone +49 441 97181-0 · info@rmt-anlagenbau.de

Unternehmensgruppe LUDWIG FREYTAG

