



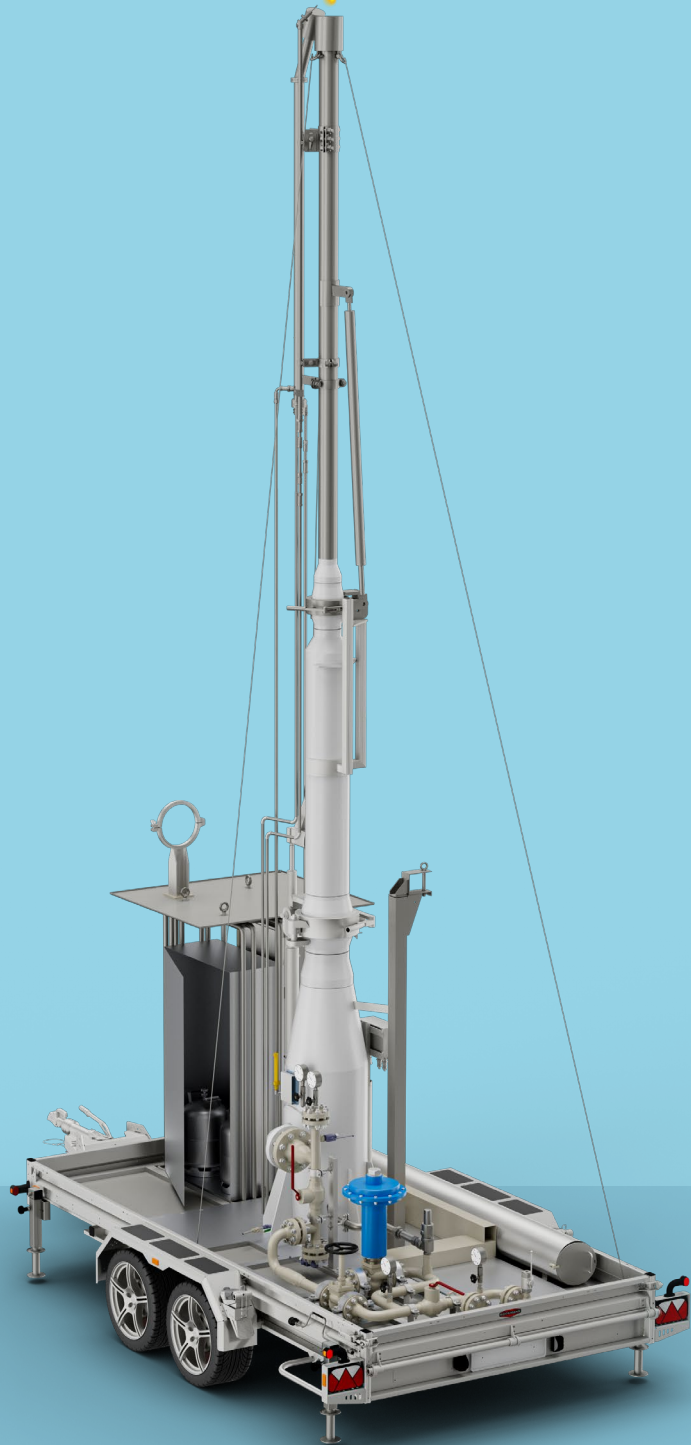
**RMT ROHR- UND
MASCHINENANLAGENTECHNIK**
Member of the Ludwig Freytag Group

PRODUCT BROCHURE

WE

SPARK

A FIRE!



OUR MOBILE FLARE

- greater flexibility on-site
- safer than ever before
- even better climate protection



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 completely, in a climate-friendly way.

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!

AUTOMATION

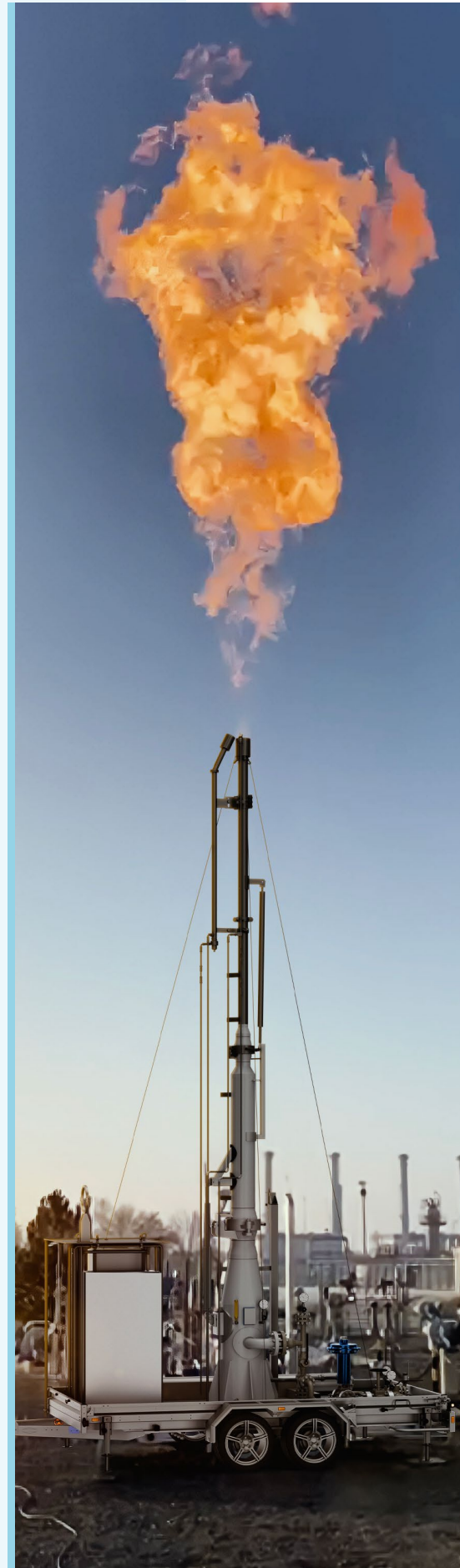
- **Automatic operation** by means of a radio remote control
- **Fully automatic ignition** with a propane pilot burner, in combination with an ignition lance and redundant 2 kV high-voltage ignition with flame monitoring
- Pilot burner with thermocouple for **flame detection**
- **Gas supply automation**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

CLIMATE PROTECTION

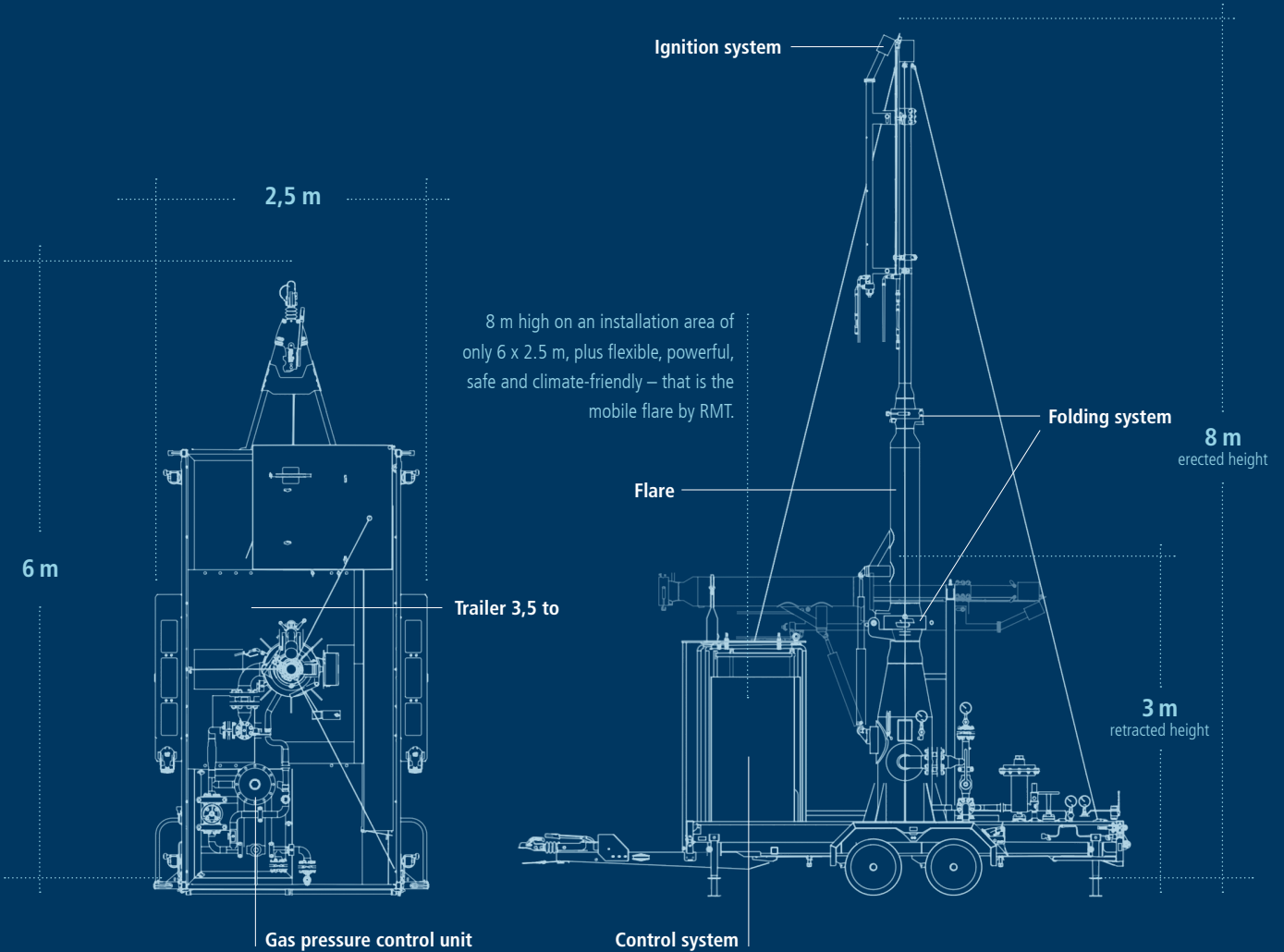
- **Climate protection**, thanks to complete evacuation of gas systems
- **100% suitable for hydrogen**, because the adapter system can be retrofitted
- **Sound optimization** through intelligent flow calculation and sound absorbers inside the flare
- **Efficient combustion**, thanks to an optimised flow rate
- **Fully redundant 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

SAFETY

- **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 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.

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



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Ludwig Freytag Group

