

**MATES**

Aircraft refuelling vehicles · Ankara, Türkiye · since 1995

Product datasheet · Issued October 2026

Family 01 / 07 · Page 1 / 2

Mobile Refuelling Trailer

Designed for quick underwing and overwing operations via reel hoses, in a wide range of types for every customer need.



Fig. 1 · MATES mobile refuelling trailer with canopy, hose reel and pump, outdoors at the plant. Livery and equipment vary per order.

Tank capacity 2,000-10,000 L	Underwing (transfer unit) up to 1,200 L/min	Built to ADR · IATA/JIG · EN 12312-5
---------------------------------	--	---

Specification

A Capacity

Tank capacity	2,000 / 5,000 / 10,000 L + transfer unit
---------------	--

B Flow rates

Overwing (trailer units)	80-150 L/min
Underwing (transfer unit)	up to 1,200 L/min

C Compliance

Built to	ADR, IATA/JIG, EN 12312-5
----------	---------------------------

D Per order

Running gear and dimensions	Confirmed in the quotation
Component makes and models	Confirmed in the quotation

Each unit is configured per order to the customer's operation. Figures are maximums of the product family; the quotation states the values for the configured unit.

Technical drawing

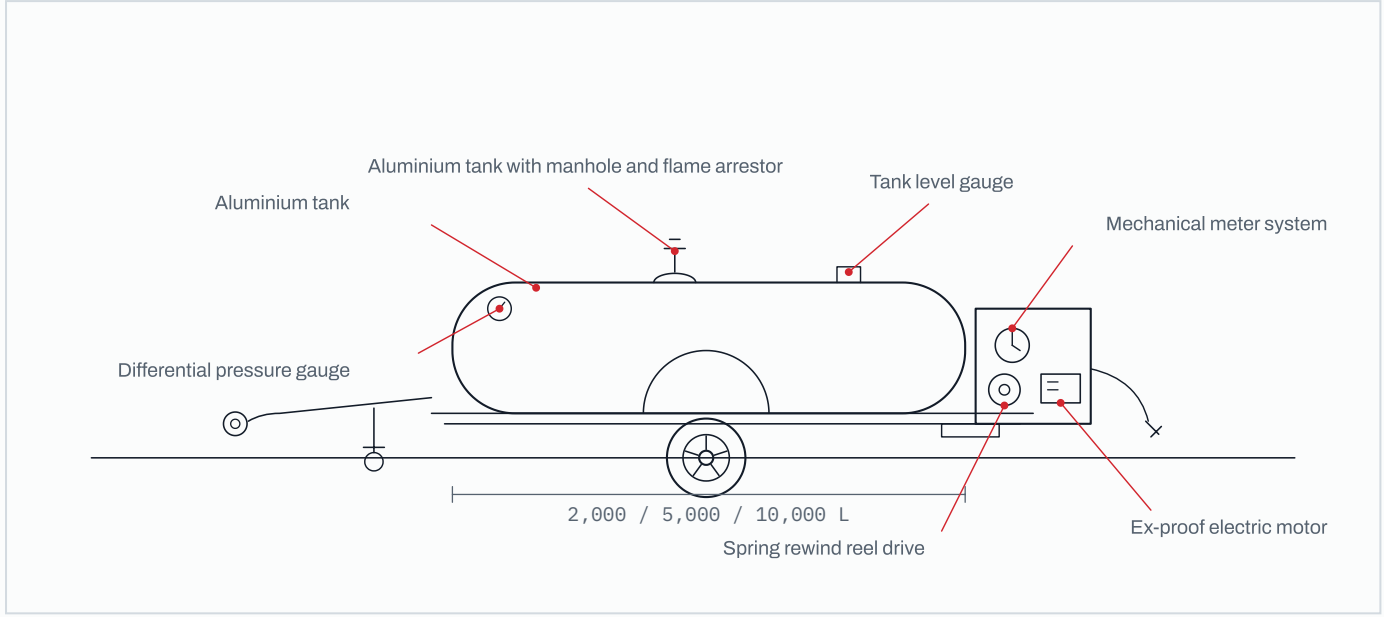


Fig. 2 · Side view, main equipment called out. Not to scale; illustrative of the family.

Unit range

Trailer unit, 2,000 L

overwing max. 80-100 L/min

- Aluminium tank with manhole and flame arrestor
- Spring rewind reel drive
- Ex-proof electric motor
- Mechanical meter system
- Stainless steel piping
- Deadman control system
- Differential pressure gauge
- ATEX ex-proof equipment

Trailer unit, 10,000 L

overwing max. 80 L/min

- Aluminium alloy tank with manhole
- Spring rewind reel drive
- Ex-proof electric motor
- Mechanical meter system
- Stainless steel piping
- Tank level gauge

Trailer unit, 5,000 L

overwing max. 100-150 L/min

- Aluminium tank
- Spring rewind reel drive
- Mechanical meter system
- Stainless steel piping
- Diesel-powered generator

Mobile Fuel Transfer Unit

underwing max. 1,200 L/min

- Underwing refuelling via reel hose
- Electric hose reel drive
- Mechanical meter system
- Closed-circuit sampling system with recovery tank
- Stainless steel piping
- Deadman control system
- Filter water separator
- ATEX ex-proof equipment