

# STORMforce Fire Fighting Trailer TPT-400

Model SMK 05



## STANDARD EQUIPMENT:

### Water Pump

Angus LD400 diesel portable fire pump, flow range 220\* l/min at 6 bar to over 1,400\* l/min at 1 bar, Ruggerini 12 hp (8.9 kW) air cooled diesel engine with electric start (manual start backup) and exhaust priming (see data sheet ref: 6178).

### Water Tank

Welded steel water tank with internal anti-surge baffles, powder coated red to RAL 3020, 400 litre capacity complete with filler/inspection port, drainage and delivery outlet.

### Foam Proportioner

Angus "Around the Pump Proportioner," factory set to 3% foam induction, complete with pick-up tube and isolation valve.

### Foam tank

15 litre capacity, stainless steel, thermoplastic powder coated to RAL 3020.

### Hose Reel

Semi-rigid, 30m x 25mm OD, NB Black Rubber to BS EN694 hand line (max working pressure 12 bar) on model S61 manual re-wind reel complete with foam applicator nozzle rated at 100 l/min. Reel galvanised steel, waterways brass. All painted epoxy/polyester powder coating to RAL 3001.

### Dry Powder storage

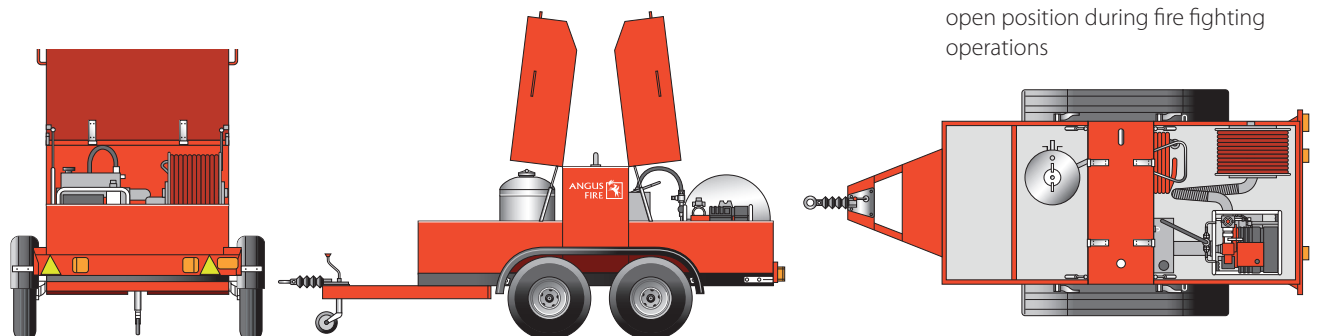
50 kg ABC (Mono-Ammonium Phosphate & Ammonium Sulphate) dry powder container powered by a separate CO2 cylinder. External heavy duty paint finish. Brass filler cap. Complete with 15m delivery hose, stowed on carriers, terminating in a powder applicator

\* @ 3m suction

### Trailer specification:

- Full, steel, roadworthy chassis mounted on independent suspension, twin heavy duty axles
- Heavy duty steel frame protected by a non-chip thermoplastic coating bonded on to the metal, coloured red to RAL 3020

- Heavy duty, plated, Bradley HU12 Coupling (rated to 3,500 kg) with H355B towing hitch and 50mm eye – approved to EC94/20, EC71/320
- EU specification road lighting and cabling to 7 pin plug
- Drop down, telescopic jockey wheel, adjustable for height to aid manoeuvring when disconnected from the towing vehicle
- Auto reverse overrun cable operated drum braking system to EEC 98/12
- Manual hand brake
- Twin, rubberised, independent suspension, 1,800 kg rated axles
- Steel wheels 5.5K x 14
- Radial Road tyres - 185R x 14C 8PR
- Pre-lubricated sealed bearing hubs
- Moulded medium impact plastic mud guards
- Rubber sprung independent suspension for each wheel – low maintenance and improved on road and off road towing performance
- Twin aluminium lockable hinged locker covers with gas spring lift assist to maintain covers in the open position during fire fighting operations

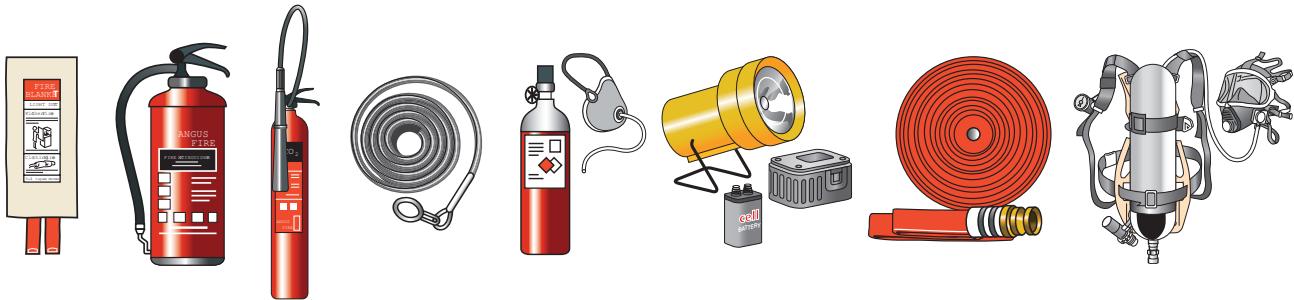




# ANGUS FIRE

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### Lockable storage area for:

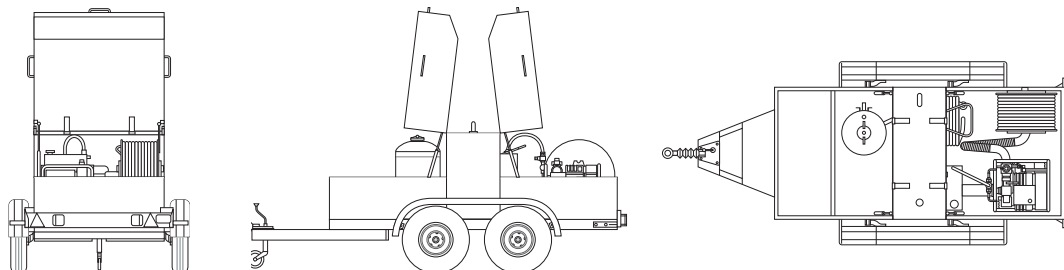
- Sigma breathing apparatus (6 litre, 200 bar) with back pack support frame.
- Spare Sigma breathing apparatus air cylinder
- 2 reels x 20m Angus Duraline 45mm lay flat hose with instantaneous couplings in light alloy. Kitemarked (BS6391 Type 3), UL listed (UL19), DIN approved (DIN14811), burst pressure 48 bar, maximum advised working pressure 22.5 bar
- Angus 9 kg ABC powder (Mono Ammonium Phosphate & Ammonium Sulphate) fire extinguisher, propellant 150 gm gas cartridge, BS EN3/BAFE Approved, painted red (RAL 3000)
- Angus 5 kg capacity CO2 stored pressure fire extinguisher, steel body (chromium molybdenum alloy), BS EN3/BAFE approved, painted red (RAL 3000)
- One set rescue rope and small tools
- Angus fire blanket, 1.75 x 1.75, two layers glass fibre woven fabric with intermediate fire retardant film
- Electric light, portable, rechargeable (12v DC), with charge support and charger
- Oxygen resuscitation kit, 2 litre cylinder
- Space for additional rescue equipment (client supply)

### Optional Extras

- Lighting Mast

### Nominal Weights and Dimensions

Overall width (across road wheels and mudguards)	1,740 mm
Overall height – lids closed	1,450 mm
Overall height – lids open	2,450 mm
Overall length (from centre of tow hook to rearmost point)	3,800 mm
Total permissible running weight (axle limit)	3,600 kg
Total permissible running weight (axle limit)	3,600 kg



### INTERNATIONAL SALES

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Angus Fire operates a continuous programme of product development. The right is therefore reserved to modify any specification without prior notice and Angus Fire should be contacted to ensure that the current issues of all technical data sheets are used.

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