

KNOTT-AVONRIDE LTD
Welcomes You To Our
Trailer Type Approval Seminar

O₃ Trailers

O₃ trailers – what are they?

- 3,500Kg to 10,000Kg GVW
- Single or multi-axle
- 2 types of distinct design:-



Drawbar type



5th wheel type

O₃ trailers – requirements

O₃ trailers employ the same construction techniques as the smaller O₂ trailers but differ in requiring:-

Power braking – either air or air over hydraulic operating systems

Automatic adjusting brakes

Separate parking brake operation

Anti lock braking (ABS) control

Knott-Avonride Ltd can not only provide these components but also assist you in complying with legislation and type approval. It all starts with a brake calculation to match the brake and operating system to the trailer

O₃ trailers – Knott-Avonride products (1)

Axles –

Full axles or stub axles (5,400Kg per axle max capacity)

With rubber torsion suspension or without (i.e. to suit air suspension or leaf springs)

Brakes –

Hydraulic drum brakes – 250x40, 300x60 or 325x80mm

Air S-cam brakes – 255x55, 300x60, 300x80 or 300x120

Air disc brakes – PGS15 (for 15” and 17.5” rims)



O₃ trailers – Knott-Avonride products (2)

Operating systems –

Air braking components

Couplings (to tow vehicle), filters, RE valves, load sensing valves, brake chambers, air/hydraulic servos, reservoirs, ABS or T-EBS modules, electrical power cables, sensor cables, data plates, valve fittings and air lines.

Ancillary items –

Wheel rims and tyres

Parking brake cables

Mechanical handbrake assemblies

All available from a single source – **Knott-Avonride**

What WE Can Do To Help You

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USE KNOTT-AVONRIDE LTD TO MINIMISE YOUR COSTS AND EFFORT