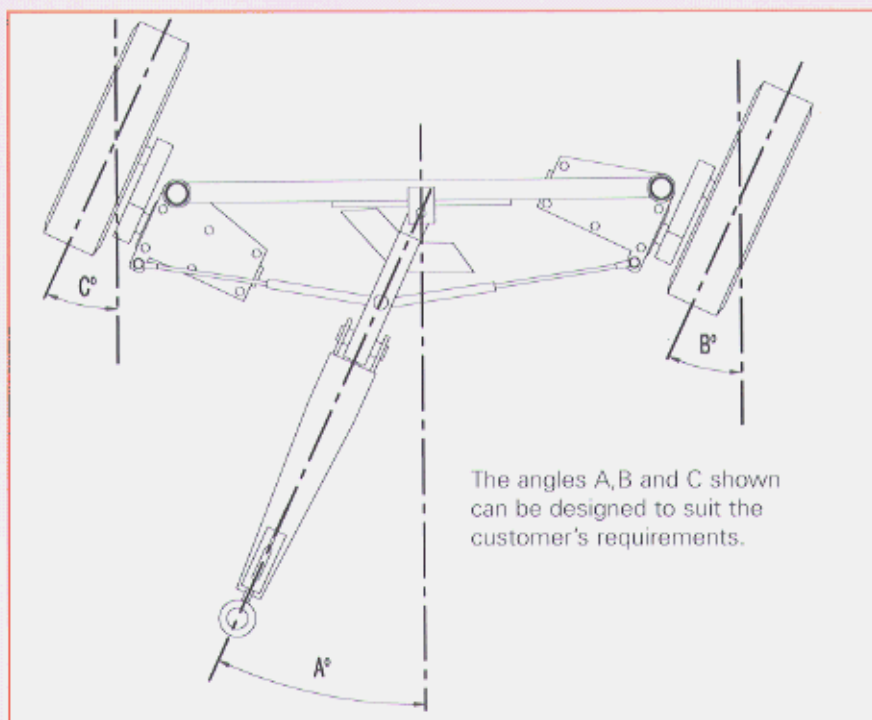


Peak Flexiride Ackermann

Weight range 1500 to 6000kg (per trailer)

Data Sheet Issue 00/01

Technical Data



PEAK ACKERMANN design enables the inner wheel to turn through a larger angle than the outer wheel, which minimises tyre wear. Also incorporated into the design are camber and castor angles, and king-pin inclination:

CAMBER

Reduces bending stresses on stub axle, coupled with a reduction in tyre wear.

CASTOR

Enables the trailer to steer a straight-ahead path. When cornering, a torque must be exerted by the drawbar to overcome the self-centring or castoring action, which tends to keep the trailer from excessive "wander".

KING-PIN inclination

As the wheel is turned, it will move and lift the front of the trailer. This produces a self-centring action, which tends to bring the wheels back pointing straight ahead when the turn is completed.

Size	Suspension	Capacity/axle	Trailer G.V.W.
6	6/90	750kg	1500kg
		900kg	1800kg
10	10/115	1000kg	2000kg
		1300kg	2600kg
14	14/115	1500kg	3000kg
		1800kg	3600kg
21	21/115	2000kg	4000kg
		2300kg	4600kg
33	33/115	2400kg	4800kg
		3000kg	6000kg

G.V.W. are based on a 4-wheel trailer, however, the weight can be increased with a 6-wheel trailer. Please ask our Technical Department for assistance.

Peak Trailers Limited reserve the right to alter prices and specifications in line with costs and material availability.

Peak Trailers Limited

Waterloo Industrial Estate, Waterloo Road, Bidford-on-Avon, Warwickshire, B50 4JH
Telephone: 01789 778041 Facsimile: 01789 490331 IDD: 44 789
e-mail: sales@peaktrailers.com Website: www.peaktrailers.com

