

2024 Plant Trailers

in



Challenger 50 Beavertail

indespension



AluMAX trailer

AD Range

Designed in consultation with Plant Hire businesses.

AD trailers are built to operate in the most arduous environments. With an incredibly reliable track record, they've been the market-leading plant trailers in Europe for more than 50 years.



- **Market-leading**
- **Tested to the Max**
- **Built for Plant**



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| | AD2000 | AD2800SPLED |
|--------------|--------------|---------------|
| Size | 8'2" x 4'1½" | 10'1" x 5'11" |
| Gross Weight | 2,700 KG | 3,500 KG |
| Payload | 2,160 KG | 2,740 KG |
| Axles | 2 | 2 |

Trailers. Towbars. Axles. Parts & Service

Market-leading plant trailer since 1968.

Designed to work in the toughest environments

Galvanised chequer plate steel construction; knee supports, spring-assisted loading ramp, and axles fitted with Sealed for Life bearings, the AD range **ticks every box for reliability and longevity.**

Hydraulically Damped Cast Coupling

Coupling provides a secure link between the towing vehicle and the trailer, allowing safe and controlled movement during towing.

Auto-Adjust Brakes are Available as an Option

Braking system to prevent over-adjustment when braking.

Hot-Dipped Galvanised Chassis

For maximum strength and corrosion resistance.

Dual Voltage LED Lighting

Providing flexibility to tow with different vehicles.

Multiple Lashing Rings

Easy fastening for plant machinery to be towed.

Sealed For Life Bearings

Protects against ingress of dirt and grime.



All steel work galvanised or plated

Makes access that much easier.



18mm phenolic non-slip flooring

For easy loading of plant vehicles.



Large 5 stud pattern

Provides maximum wheel security.



Full width low loading ramp angle

Bolt-on knees provide safe and easy loading for machinery and equipment.



Bolt-on rear LED light clusters

Solid metal bolted-on brackets make them easy to replace.



Heavy-duty jockey wheel

Smooth style 48mm jockey wheel to help move the trailer by hand.

Challenger 50 Beavertail Range

Built using the same market-leading AD trailer design. Fitted with easy to replace components, the lifetime cost of service is greatly reduced.



- Stronger**
- Tested to the Max**
- Value for Money**



| |
|---------------------|
| Size |
| Gross Weight |
| Payload |
| Axles |

| AD27094BTS | AD35105BTS | AD35126BTS |
|-------------|------------|------------|
| 9'1" x 4'1" | 10' x 5'6" | 12' x 6' |
| 2,700 KG | 3,500 KG | 3,500 KG |
| 2,130 KG | 2,755 KG | 2,685 KG |
| 2 | 2 | 2 |

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Trailers. Towbars. Axles. Parts & Service

The same market leading AD design, but even better.

Bolt-on and easy to replace components

Due to the harsh environments that trailers operate in on a daily basis, common parts of a trailer become prone to being damaged. Challenger 50 includes bolt-on design features that allow these parts to be easily replaced, making trailer maintenance even more cost-effective.

Hydraulically Damped Cast Coupling

Coupling provides a secure link between the towing vehicle and the trailer, allowing safe and controlled movement during towing.

Auto-Adjust Brakes are Available as an Option

Braking system to prevent over-adjustment when braking.

All Steel Work Galvanised or Plated

Durable galvanised/plated steelwork making access to trailer that much easier.

Hot-Dipped Galvanised Chassis

For maximum strength and corrosion resistance.

Dual Voltage LED Lighting

Providing flexibility to tow with different vehicles

Multiple Lashing Rings

Easy fastening for plant machinery to be towed.



Bolt-on and raised bucket rest

Bucket rest also includes housing underneath for a spare wheel.



18mm phenolic non-slip flooring

For easy loading of plant vehicles and machinery.



Bolt-on steel chequer plated mudguard

Weight bearing mudguards with chequered design for easy access.



Low loading ramp angle

13° ramp angle for easy and safe loading of machinery.



Bolt-on rear LED light clusters

Solid metal bolted-on brackets make them easy to replace.



Heavy-duty jockey wheel

Smooth style 48mm jockey wheel for easier manoeuvrability.



AluMAX Plant Trailer

Introducing our most lightweight 3.5t plant trailer, the AluMAX.

Combine maximum durability whilst using the lightest materials. The AluMAX also features Indespension's SuperRide axle, Indespension coupling, sealed for life bearings and auto adjust brakes - all guaranteeing a long service-life.



Lightweight, yet mighty in action.

- **2,890kg Payload Capacity**
- **Aluminium Floor & Ramps**
- **Low Bed Height**

| | ALUMAX |
|--------------|------------|
| Size | 10' x 5'7" |
| Gross Weight | 3,500 KG |
| Payload | 2,890 KG |
| Axles | 2 |

indespension

Trailers. Towbars. Axles. Parts & Service



Our lightest trailer, giving you more payload capacity.

Maximum durability using the lightest materials

Payload
2,890kg

Gross Weight
3,500kg

Unladen Weight
610kg

Hot Dip Galvanised Steel

Ramp Angle
15.5°

Ramp Dimensions
1.33m x 0.40m

Internal Dimensions
10' x 5'7" [ft x ins]

Spare Wheel

Studding
5 x M16 on 165.1mm PCD

Tyre Size
165 R13C



Aluminium floor

Lightweight, yet robust and carries up to 2,890kg. Will last the lifetime of the trailer.



Aluminium ramps

Aluminium ramps make loading and unloading quick and easy.



Non-slip & high-visibility mudguards

Aluminium chequer-plate steps allow safe and easy access to move around the trailer.



Tubular steel knee

Provides extra strength and protection for your ramps.



Integrated wiring loom

Wiring concealed within the chassis for greater protection.



Low bed height

15.5° shallow ramp angle for easier and safer loading.



Hot dip galvanised steel chassis

For maximum strength and corrosion resistance.



Heavy-duty tall clamps

Durable clamps offer a much more tight and secure fit, reducing noise.



LED lighting

Reliable and fitted as standard.

Autoclamp™ Range

Designed to carry all popular excavator models up to 2 tonne.

The automatic clamping system self-adjusts according to different track heights and adjusts automatically as the rubber excavator tracks degrade. The clamping system operates as the excavator tracks drive into the clamping mechanism, locking it securely in place without the need for tools or straps.



Autoclamp™ model



Designed for Safety & Ease of Operation

Autoclamp™



Autoclamp™ Utility



| | Autoclamp™ | Autoclamp™ Utility | Autoclamp™ Compact Utility |
|-----------------|--------------------|--------------------|----------------------------|
| Size mm (WxLxH) | 1805 x 4795 x 1800 | 2305 x 5070 x 1720 | 2030 x 5070 x 1720 |
| Gross Weight | 2,700 KG | 3,500 KG | 3,500 KG |
| Payload | 2,000 KG | 2,520 KG | 2,582 KG |
| Axles | 2 | 2 | 2 |



Autoclamp™ Trailer.

The first model in our Autoclamp™ range.

No tools or straps required to secure your excavator.

When unloading the machine, the clamping system automatically releases and resets ready for the next load.

The biggest advantage to the Autoclamp™ trailer is that no tools or straps are required to secure the excavator ready for transit. The Autoclamp™ trailer is also fitted with a bucket and boom rest, which is fastened using a securing pin. Transporting mini excavators has never been as simple or easy to do.

Transport up to 2 Tonne Mini Excavators

Designed to transit all popular mini excavator models up to 2 Tonne.

Swaged Steel Ramps

Provides greater grip and durability.

Hydraulically Damped Cast Coupling

Coupling provides a secure link between the towing vehicle and the trailer, allowing safe and controlled movement during towing.

Sealed For Life (SFL) bearings, and large PCD, all as standard

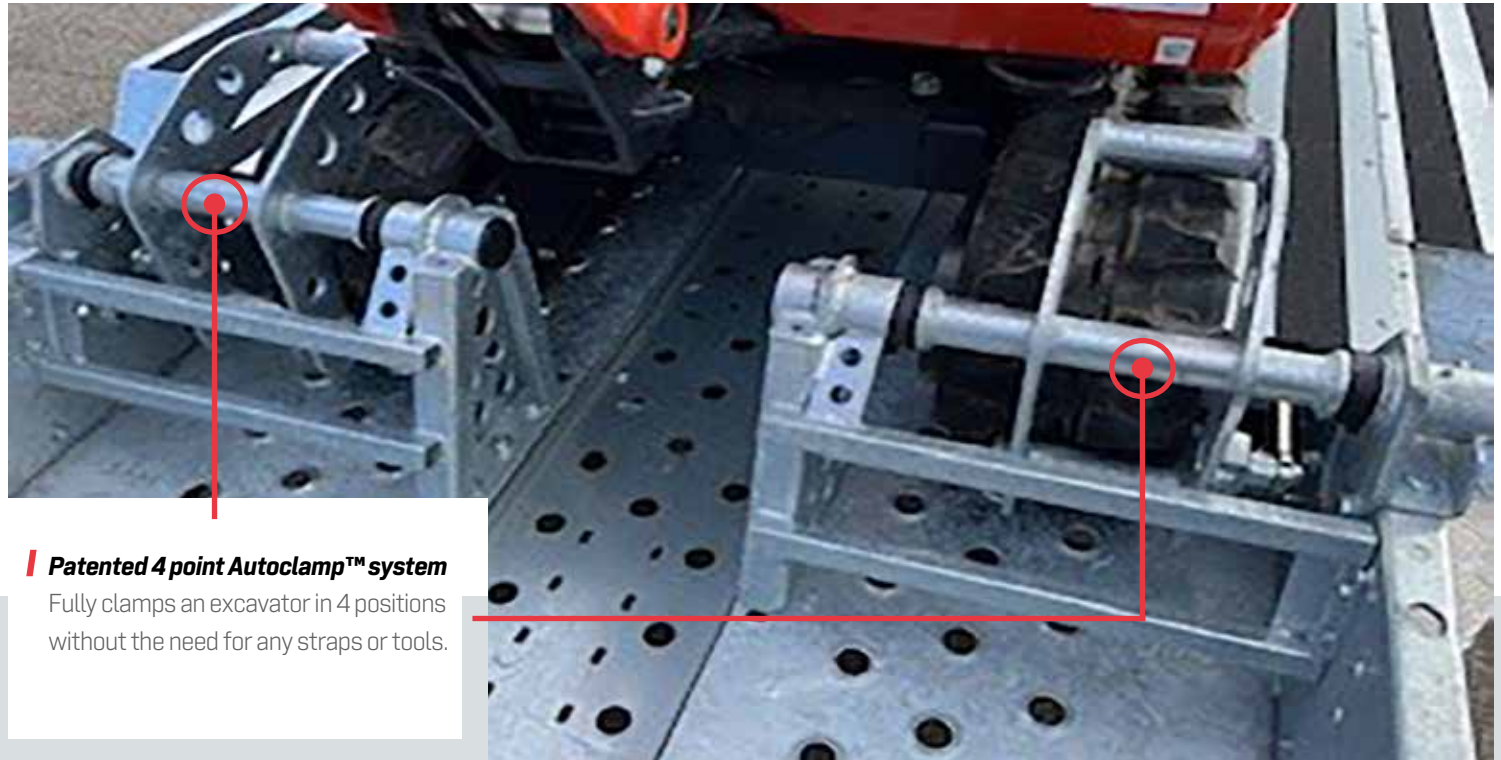
Provides exceptional wheel security.

Fully Welded, Hot-Dipped Galvanised Chassis

For maximum strength and corrosion resistance.

Dual Voltage LED Lighting

Providing flexibility to tow with different vehicles.



Patented 4 point Autoclamp™ system

Fully clamps an excavator in 4 positions without the need for any straps or tools.



Bolt-on bucket/boom rest

A multi-selection function provides quick location and added security.



Heavy-duty jockey wheel

Smooth style 48mm jockey wheel for easier manoeuvrability.



Self-adjusting dozer blade clamp

Easy and self adjusting clamp to the excavator dozer blade.

Autoclamp™ Utility Trailer.

The second model in our Autoclamp™ range.

| Fully Patented Carrier System

Transport your Chapter 8 barriers, road cones and signs, all in one load

| Transport up to 2 Tonne Mini Excavators

Designed to transit all popular mini excavator models up to 2 Tonne.

| Swaged Steel Ramps

Provides greater grip and durability

| Hydraulically Damped Cast Coupling

Coupling provides a secure link between the towing vehicle and the trailer, allowing safe and controlled movement during towing.

| Sealed For Life (SFL) bearings, and large PCD, all as standard

Provides exceptional wheel security

| Fully Welded, Hot-Dipped Galvanised Chassis

For maximum strength and corrosion resistance.

| Dual Voltage LED Lighting

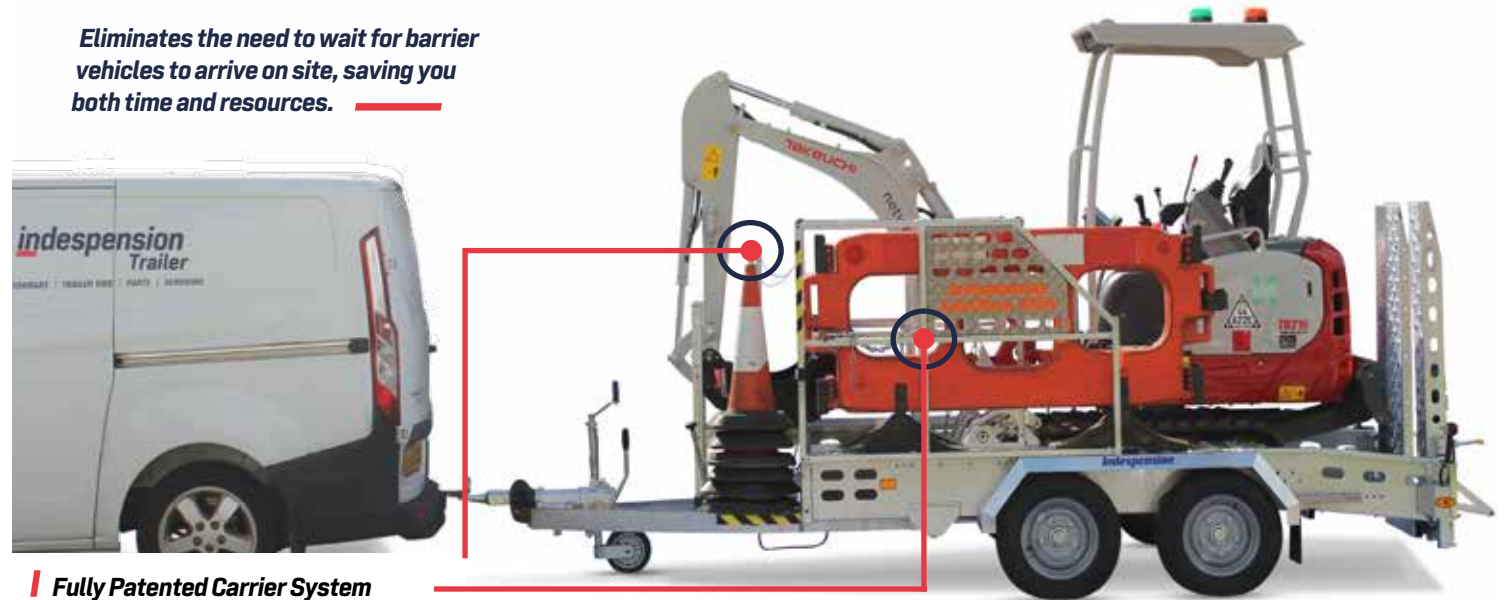
Providing flexibility to tow with different vehicles

Everything the Autoclamp™ offers, and more.

Take the Autoclamp™ trailer, add our fully patented carrier system, and you get the Autoclamp™ Utility Trailer.

Working in close collaboration with Utility and Civil Engineering companies, the Autoclamp™ Utility Trailer has been specifically designed to transport your mini excavator together with Chapter 8 barriers, road cones, road signs, and sandbags – all in one load, and direct to site.

Eliminates the need to wait for barrier vehicles to arrive on site, saving you both time and resources.



| Fully Patented Carrier System

Transport your Chapter 8 barriers, road cones, and signs - all in one load.

16 x Barriers



| Carry up to 16 Chapter 8 barriers

Fully patented carrier system enables up to 16 x Chapter 8 barriers to be stored.

Up to 8 x Road Signs



| Transport your road signs

Storage capacity for up to 8 road signs.

18 x Road Cones



| Storage system for road cones

Stacked storage system allows for 18 x road cones to be transported.

Autoclamp™ Compact Utility Trailer.

The Autoclamp™ Utility, but more compact.

We have taken our Autoclamp™ Utility trailer model and reduced the overall width to make it a more **Compact Utility Trailer**.

Optional Features (all Autoclamp™ models)

- Pecker location bracket (+2 KG to trailer weight)
- 50mm Coupling head
- Triple locking coupling head
- 30mm, 40mm & NATO towing eyes
- Spare wheel (loose)

| | Autoclamp™ Compact Utility |
|-----------------|-------------------------------|
| Size mm (WxLxH) | 2030 x 5070 x 1720 |
| Gross Weight | 3,500 KG |
| Payload | 2,582 KG |



| | |
|-----------------|--------------------|
| Size mm (WxLxH) | 2030 x 5070 x 1720 |
| Gross Weight | 3,500 KG |
| Payload | 2,582 KG |

Overall width reduced by 275mm

2030mm width, designed for easier road towing

12 x Barriers



Carry up to 16 Chapter 8 barriers

Fully patented carrier system enables up to 16 x Chapter 8 barriers to be stored.

Up to 8 x Road Signs



Transport your road signs

Storage capacity for up to 8 road signs.

18 x Road Cones



Storage system for road cones

Stacked storage system allows for 18 x road cones to be transported.

Fully Patented Carrier System

Transport your Chapter 8 barriers, road cones and signs, all in one load

Transport up to 2 Tonne Mini Excavators

Designed to transit all popular mini excavator models up to 2 Tonne.

Swaged Steel Ramps

Provides greater grip and durability

Hydraulically Damped Cast Coupling

Coupling provides a secure link between the towing vehicle and the trailer, allowing safe and controlled movement during towing.

Sealed For Life (SFL) bearings, and large PCD, all as standard

Provides exceptional wheel security

Fully Welded, Hot-Dipped Galvanised Chassis

For maximum strength and corrosion resistance.

Dual Voltage LED Lighting

Providing flexibility to tow with different vehicles

Technical Information



catalogue



| Trailer Model | | AD RANGE | | | CHALLENGER 50 BEAVERTAIL | | | AUTOCLAMP™ | | |
|-------------------------|---|---------------------------------|------------------------------------|-------------------------------|----------------------------------|-------------------------------|----------------------------|--|-------------------------------|-------------------------------|
| Flatbed Size | | AD2000 | AD2800SPLED | AluMAX | AD27094BTS | AD35105BTS | AD35126BTS | Autoclamp™ | Autoclamp™ Utility | Autoclamp™ Compact Utility |
| SPECIFICATION | Axles | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | Gross Weight KG | 2,700 | 3,500 | 3,500 | 2,700 | 3,500 | 3,500 | 2,700 | 3,500 | 3,500 |
| | Unladen Weight KG | 540 | 760 | 610 | 570 | 745 | 815 | 700 | 980 | 920 |
| | Payload KG | 2,160 | 2,740 | 2,890 | 2,130 | 2,755 | 2,685 | 2,000 | 2,520 | 2,582 |
| | Internal Dimensions LxW [mm] LxW [ft x ins] | 2,490 x 1,260 8' .2" x 4'1½" | 3,050 x 1,800 10' .1" x 5' .11" | 2,780 x 1,260 10' x 5' .7" | 2,780 x 1,260 9' .1" x 4' .1" | 3,040 x 1,680 10' x 5' .6" | 3,650 x 1,830 12' x 6' | 4,795 x 1,805 Height 1,800 | 5,070 x 2,305 Height 1,760 | 5,070 x 2,030 Height 1,760 |
| | Bed Height [mm] | 404 | 456 | 367 | 430 | 430 | 430 | 390 | 370 | 370 |
| | Studding | 5 X M16 on 165.1 mm PCD | 5 X M16 on 165.1 mm PCD | 5 X M16 on 165.1 mm PCD | 5 X M16 on 165.1mm PCD | 5 X M16 on 165.1 mm PCD | 5 X M16 on 165.1 mm PCD | 5 X M16 on 165.1 mm PCD | 5 X M16 on 165.1 mm PCD | 5 X M16 on 165.1 mm PCD |
| | Spring Assisted Ramp | Standard | Standard | Aluminium split ramps | Standard | Standard | Standard | Swaged steel split ramps with bolt on knees | | |
| | Spring Ramp Angle | 13° | 17° | 15.5° | 13° | 13° | 13° | 11° | 11° | 11° |
| | Tyre Size [5 stud] | 165 R13C | 185/70 R13C | 185/70 R13C | 165 R13 C | 185/70 R13C | 185/70 R13C | 165 R13 C | 185/70 R13C | 185/70 R13C |
| OPTIONS | LED Lighting | Standard | Standard | Standard | Standard | Standard | Standard | Autoclamp™ Optional Features Pecker location bracket (+2 KG to trailer weight) 50mm coupling head Triple locking coupling head 40mm towing eyes Spare wheel (loose) Prices are available on request | | |
| | Spare Wheel | Prices are available on request | | | | | | | | |
| | Additional Deck Rings (Pair) | Prices are available on request | | | | | | | | |
| | Locking Head | Prices are available on request | | | | | | | | |
| Bag of 4 Ratchet Straps | Prices are available on request | | | | | | | | | |

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