STOCKMASTER

Ifor Williams Trailers

BRITAIN'S LEADING
TRAILER MANUFACTURER

In Safe Hands

SPECIALISTS IN TRAILER DESIGN & ENGINEERING

For over 50 years, people have put their trust in our trailers, just ask an owner - they are not difficult to find. As specialists in trailer design and engineering, we have continued to set the standard both in the UK and throughout much of Europe.

We are an independent company with one focus: to build the best products on the market. More than 30,000 people choose our trailers each year - but we are not standing still. Our dedicated investment in new technologies and materials ensures that our products continue to exceed the expectations of our customers. We know that quality, strength, value and ease of maintenance are of vital importance to you. That is why we have made them the driving force behind everything we do.

Livestock Trailers

Located in rural North Wales, the company has grown within the agricultural community, employing local people with farming links. Our unique understanding of the industry allows us to deliver the highest quality products and contribute to the protection of this precious way of life.

Take a look at any of the features of our livestock trailers; you will find that practicality, safety, reliability and longevity are paramount to us.

Flexibility
From the smallest 6' (1.8m) unbraked model to the largest 24' (7.2m) 21 tonne trailer, Ifor Williams Trailers have something to meet the demands of most livestock farmers. From sheep and pigs to heifers and prize-winning bulls we have the trailer for the job.

Presenting the first purpose-built tractor drawn trailer from Ifor Williams Trailers, the StockMaster has been designed with the end user in mind. Renowned for the durability of our trailers up to 3.5 tonnes we have kept the same ethos in bringing a new, heavy range of trailers which will be suited for the larger livestock farmer and arable farmer alike. These trailers are offered in a choice of flatbed, cattle and sheep-decked versions with demountable container.

Built to last
The galvanised steel chassis and drawbar offers unbeatable corrosion protection. This, coupled with high strength, impact-resistant aluminium side panels ensures these trailers give many years of reliable service. The suspension is offered on our proven leaf sprung design in heavy-duty version with novel, built-in wear resistant features.

Livestock Version and Demountable Container
The distinctive steel roof channels give a strong and rigid frame and continues the iconic livestock trailer design which can be seen the length and breadth of the country. The flooring on these trailers is made of thick pressure treated timber planking protected by 2.5mm thick slip resistant aluminium treadplate.

Right from the start the design aim was to make the trailer as versatile as possible and this is achieved through the demountable container option offering both a livestock and a flatbed trailer in one. With the addition of harvest ladder accessories, the trailer can be used for carrying hay bales and straw as well as general movement of large loads.

Stability when towing
From customer feedback an important aspect was to ensure the trailer "followed" the tractor well: after testing and refining the design we have received excellent customer feedback, commending the trailer's ability to follow and turn, a real benefit on farm premises and restricted field entrances.

Why choose a StockMaster?

Our trailers are built to last and should cost a lot less in the long run compared to trailers built to a lower specification.

The Facts

- 24' × 8' / 7.2m × 2.4m bed on a galvanised chassis.
- Available as four basic models:
  - **Cattle**
  - **Decked**
  - **Flat platform with non slip aluminium treadplate floor and pressure treated timber planking**
  - **Flat platform with resin-faced ply floor**
- Gross trailer weight of 21,000kg, actual GVW's depend on current legislation and tyre options chosen
- Two Variants: **Farm** with basic 20 mph / 32kph hydraulic brakes and High Speed (over 20mph / 32kph)
- Heavy duty commercial S-cam braked axles fitted to all models and variants
- Ifor Williams Trailers unique load-sharing 4-spring suspension
- Excellent axle load sharing as well as wear protection plates
- Ifor Williams Trailers 50mm ring eye coupling manufactured from a very tough and wear resistant grade of iron
- Excellent tracking – the trailer 'follows' well

Features

- Two large cross-divisions (converts to four small when sheep decks in use)
- Cross-divisions can be opened from the outside
- Filled in vents on Cattle version
- Closable bottom side vents (on decked trailers)
- Closable bottom front vents (on decked trailers)
- One-piece aluminium treadplate floor - no welds to crack
- Fully legal 20 degree ramp angle with no step-down at top
- Four sump tanks as standard on all Cattle and Decked models
- Powered Sheep Deck – from tractor hydraulics
- Rear under-run bar
- LED lights as standard
- Extensively proven on test-track and farm

Options

- Demount kit option
- Harvest ladder option
- Sprung drawbar option

Cattle
There are two cross divisions comprising of fixed steel framed gates, with aluminium panelling that can be opened from outside. This creates 3 internal compartments.

Sheep
Hydraulically powered 8' (2.4m) long internal ramp, which lifts to become a platform. 6' (1.8m) headroom when the ramp is in the roof. 48' (14.4m) of load space for sheep. 3 compartments created in the upper deck and 3 in the lower deck.

Cattle
Deck and cross divisions completely stowed away.

Ramp
In line with EC1/2005 the ramp on the StockMaster has no "step-down" as other trailer models have. The angle on the ramp is 20 degrees meaning the angle is less for the livestock and conforms with animal transportation legislation EC1/2005.

Features

Suspension
We conducted a thorough reappraisal of every element of 4-spring suspension and came up with what we believe to be the best 4-spring suspension ever produced.

In particular, using our state of the art CAD system we have optimised axle load sharing over the full range of suspension travel, minimised load transfer under braking and dramatically reduced friction within the suspension which is a major source of poor brake performance.

Axle
The axle chosen is tested for loads up to 13 tonnes. This provides an enormous reserve of strength both for wheel bearings and axle beam when using the trailer.

The brakes and wheel fixing suit both 19.5" commercial and 18" agricultural tyres.

HIGH SPEED BRAKING OPTIONS - CONTACT US FOR MORE INFORMATION

High Speed Trailers and Brakes
Our trailer braking system will be compatible with sophisticated ABS and load sensing.*

* Additional power required for ABS system.

Coupling
Traditionally, the coupling eye is welded directly to the drawbar. This is problematic should the eye ever become damaged or worn. On the StockMaster we have designed a bolt-on coupling which is produced from a high specification material which will dramatically reduce coupling wear and is easy to replace should the eye become damaged.

Container
With over 60,000 Livestock trailers in service, the Ifor Williams Livestock design is proven in the field. We have transferred as much as possible of the existing Livestock container design to the StockMaster.

Roof
Our StockMaster roof is curved which prevents ice forming and unlike other manufacturers we have kept the roof structures on the outside – we regard this as an essential feature to facilitate cleanliness and hygiene, and in keeping with our current design.

Cross-Divisions
The cross-divisions are extremely strong as is the front bulkhead which will prove essential under heavy braking. Two cross-divisions, as opposed to one, serve the dual function of reducing compartment size and also allowing legal loading right down to very low loading density.

Powered Rear Deck Ramp
A hydraulically operated rear deck ramp for accessing the upper deck is provided. The ramp is powered directly from the tractor hydraulics and removes any manual labour from the loading process. Safety locks are provided to ensure the deck is safe and secure when sheep are being transported. When a decked trailer is required to carry cattle the rear ramp section can be hydraulically lifted and stowed securely in the roof.

Tyres
We selected the 385/55R19.5 commercial tyre as the optimum combination of diameter and load capacity. (Ensuring we achieve the 20° ramp angle legally required for livestock). Coupled with a maximum three tonnes drawbar load these tyres will allow a maximum axle load of nine tonnes and a gross trailer weight of 21,000kg. Commercial tyres have approximately three times the tread depth of a conventional agricultural tyre and the benefit of considerable steel belting to aid puncture resistance.

Wheels
We have chosen the ISO4107 8-stud 275pcd fixing as it is the most suitable for the 19.5" and 18" tyres. This is the most common wheel fitting on European trailers and is stronger than the 10 stud 225pcd alternative.

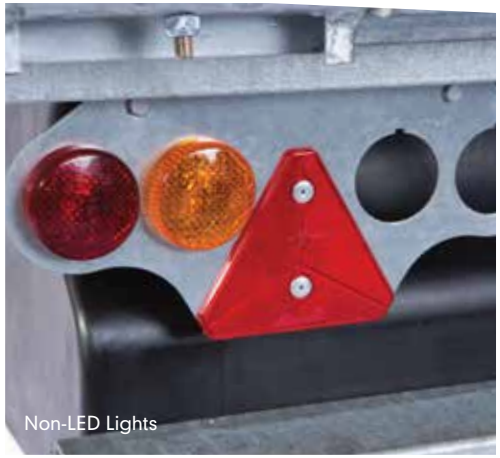
Flat Trailer
There are two floor options, a Livestock Floor (treated softwood planks, covered with a one piece aluminium treadplate sheet) or a 24mm thick resin coated ply floor.

Suspension

Coupling

Harvest ladder

Demount System



Non-LED Lights

Options

Harvest Raves/Ladder
Ladders weigh approx. 40kg which easily hook and click into the bracket on the front and rear.

Demount System
This kit allows easy container removal using your tractor and forks at home, for flat trailer work and greatly improved utilization.

Non-LED Lights
Interchangeable non-LED lights are available.

Sprung Drawbar Suspension
Using laminated rubber/metal springs which provide springing and damping. Can be converted from fixed to sprung at point of sale. This dampens noise and absorbs vibrations inevitably created by travelling.

SPARE WHEEL OPTION COMING SOON

StockMaster Options

Trailer Type*	Maximum Gross Weight 385/55R19.5 Commercial Tyres	Maximum Gross Weight Michelin 340/65R18 Agricultural Tyres	Aluminium Floor	Sprung Loaded Drawbar	Non-LED Lights	Harvest Ladder (Pair)	Demount Kit
FLATBED	21,000kg	16,000kg	Option**	Option	Option	Option	-
CATTLE	21,000kg	16,000kg	Standard	Option	Option	Option	Option
SHEEP DECKS	21,000kg	16,000kg	Standard	Option	Option	Option	Option

* All of the above trailer configurations come with hydraulic brakes as standard. ** Flat bed trailers come as standard with a ply floor.

Specifications

THE IFOR WILLIAMS COMMITMENT TO TRAILER SECURITY
Each trailer is fitted with an ID plate which has a unique serial number etched on it.

TER - THE NATIONAL PLANT AND EQUIPMENT REGISTER
When you register your new trailer it is automatically registered with TER (The National Plant and Equipment Register). Their mission is to combat plant theft and fraud in the UK and Europe. By registering ownership, both technical and marking details can be made available to international police forces through TER. All Ifor Williams Trailers include free registration to TER once your trailer is registered by your distributor. For further information on TER please see their web site at www.ter-europe.org

Maintenance

We recommend that your trailer is serviced by a recognised trailer mechanic to ensure it is always kept in best possible condition. All Ifor Williams Trailers distributors provide this service and can advise you on how regularly your trailer will need servicing.

Always clean your trailer regularly, both inside and outside, paying particular attention to the outside during winter months, as salt on the road will discolour the galvanised steel.

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