

Silage / Grain Trailers - QM/1800



Standard Tyres: NEW 385-65 x 22.5 10 Stud High Speed
Commercial Tandem Axles 120mm diameter - 420 x 180 Brakes
Tapered Body: 24' x 7' 6" - 8' x 4' 8"
Capacity: 18.5 tons
Standard Equipment: Spring Drawbar / Hydraulic Up & Over
 Grain Door / LED Beacon / Bolt-on Mudguards / Inspection
 Ladders / Adjustable Drawbar / Hydraulic Door Seal / Front
 Body Prop / Dealer Fit Ready

Quote:

Basic price		£25,739.00
560-60 x 22.5 Radial Flotation Wheels 083/01-560-60/10		£3,180.00
10 Stud Commercial Axles c/w ABS & Air Brakes 050/03-4076, Dealer Fit - 6hrs		£3,108.00
Hydraulic Door Safety Valve 082/02-3000, Dealer Fit - 1.5hrs		£185.00
Rear Tow Hitch c/w Lights & Brakes 065/04-5000, Dealer Fit - 2hrs		£325.00
Front Mudflaps 067/08-6101, Dealer Fit - 0.5hrs		£95.00
Roll Over Cover 057/01-1601, Dealer Fit - 5hrs		£1,538.00
Number Plate Bracket & Light 064/03-6390, Dealer Fit - 1hrs		£75.00
LED Lights - Large 064/03-5600, Dealer Fit - 1hrs		£205.00
High-level Rear LED Lights 064/02-9020, Dealer Fit - 1.5hrs		£292.00

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Delivery Charge
065/99-1000



£300.00

Retail Price Total ex VAT **£35,042.00**

Selling Points:

QM Range: Cereals

Our QM and QM00 range are both ideal for this type of work. The QM00 range has a marginally larger carrying capacity than the QM range with basic sides.

QM Range: Silage

Both our ranges of monocoque trailers are available with silage sides. The QM range is available with swinging tailgate style sides or silage attachment style sides; the swinging tailgate style sides allow for more capacity, while the silage attachment style sides are quicker to switch between silage and cereal set-ups. Our QM00 range is only available with silage attachment style sides. In 2014 we introduced our new silage attachment style sides that provide increased strength and rigidity thanks to the specially designed internal plate. The improvements do not stop there as the visual appearance of the sides have been modernized.

QM Body Design

The floors of the entire range are 5mm thick and the sides are either 3.5mm or 4mm thick, ensuring an extended service life. Every model also benefits from a fully-welded construction with a substantial number of floor and side bearers to improve overall rigidity and strength. The sides of the trailer are also welded on one of our robotic welders to provide an incredible level of finish that cannot be matched by hand-welding.

QM Chassis Design

The QM/11 model upwards uses a unique chassis design that is formed from heavy-duty channels with 8mm or 10mm reinforcing plates stitch welded to the channels. This set-up provides unrivaled strength, while also allowing the chassis to flex when required; if the chassis is too rigid then it can become prone to cracking and premature failure. Almost the entire chassis is now welded on a robot, ensuring perfect welds every time and adding to the overall chassis durability. The chassis design on the QM/16 and QM/1800 models are also further reinforced by an internal lattice work of steel plates, providing a tidy finish combined with the necessary strength.

QM Tipping Mechanism

The tipping points of our QM/6 and QM/8 models use a toughened 24mm bolt and on our QM/11 model upwards, a fully bushed 50mm solid steel bar is used to eliminate any potential weak link in the design. Similarly our QM/11

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model upwards also benefit from using a single chrome tipping ram, which had a faster cycle time than traditional twin ram designs increasing efficiency.

QM Spring Suspension Option

Available on all our tandem axle QM models as a no-cost option and available on our QM/6 single axle model as a priced option. Our QM/8, QM/11, QM/12 and QM/1200 models use multi-leaf springs to keep the trailer height down for improved stability, while still providing excellent road performance. On our QM/14 model upwards 4-leaf parabolic springs are utilized to handle the increased weights.

QM Axles & Braking

Every model in the QM range has hydraulic brakes as standard with the option for air brakes with load sensing and ABS. There is also the option for hydraulic load sensing. Our QM/11, QM/12 & QM/1200 models use 8 stud 350 x 90 axles, with the option to upgrade to commercial axles for high-speed road work. Commercial 10 stud 420 x 180 axles are standard on our QM/14 model upwards; these are the same size of axles that are used on HGVs and provide exceptional braking and high-speed performance.

QM Lighting Arrangement

Lights are standard on all models in the QM range, but there are also various lighting options including; LED lights, high-level LEDs, LED beacons and dual lights. All lights are recessed into the back-rail of the trailer or are fully guarded.

QM Inspection Ladder

The whole QM range comes with an inspection ladder as standard, which is fabricated from chequered plate and precision welded by our robot welders before being treated with a galvanized finish.

QM Hoses & Cables

The design of our trailers incorporates intelligent routing for our hoses and cables to go that properly protect them. The hydraulic hoses have bulkhead fittings at the front of the trailer and the hoses for the hydraulic doors run through steel tubes to tapered protection brackets. Ensuring the hydraulic hoses are effectively covered. In addition the hydraulic hoses and cables run along a tray the length of the trailer to further reduce the chances of damage.

QM Hydraulic Door Design

The QM range hydraulic door arms are formed from pressed steel plates to create a sleek and strong design. In addition the arms are now 150mm longer to provide increased clearance when discharging the load, this is particularly useful when tipping silage or maize. The hydraulic door option is standard on the QM/12 model upwards and optional on our other models.

QM Drawbar Design

This intelligent design has resulted in our new drawbars being incredibly

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strong, while also creating a modern, sleek looking finish. This is only possible due to the advanced fabrication equipment we use; two 8mm plates are folded together by our CNC presses and overlapped before our robotic welders complete the process by welding the parts together.

QM Dealer Fit Ready

The simple idea of this new design approach and concept is to allow 80% of our optional extras to be retrofitted to our product ranges without the need for any fabrication or paint rectification. The QM range is naturally designed around this idea and the benefits are huge! It allows us as manufacturers to stock basic trailers that can be adapted to meet customer demands for improved delivery, it allows dealers to supply the correct specification of trailer to customers faster and for the farmer to add to the trailers' functionality and extend its lifespan. The best example of this is the ability to add air brakes to the QM range, so if a tractor is upgraded to air brakes the trailer can be made to match without the need to change the entire trailer!

QM Robotic Welding

The introduction of robotic welders to our production line gives the Marshall QM range a unique and unrivalled level of finish and consistency. The chassis, drawbar, ram anchors and sides are all welded robotically; taking the quality far beyond what a man can achieve. This production and design method will continue to be integrated into our ranges throughout the coming years.

Paint Finish

Since November 2011 we have shot-blasted, this is acknowledged in the paint industry as the best possible method for preparing steel for painting. The shot-blasting creates a profile for the paint to adhere to, improving adhesion and in turn the protection offered to the steel. Our five man team of trained sprayers then use the latest spraying equipment to finish our products with a dual layer paint finish. Every machine is finished with 80 microns of high-build primer and 50 microns of gloss polyurethane; this combination provides excellent protection and a high-quality finish.

Delivery

Marshall Trailers uses a computerized build system to plan production to ensure that machines are delivered on time. The final stage of delivery is undertaken by our two artic lorries, a 7.5ton rigid lorry and a number of other haulage partners.

Spare Parts

Marshall Trailers has a full selection of spare parts for all our ranges, most of which can be dispatched immediately. In some cases we have spares for machines dating back forty years, which gives of mind when you buy a Marshall that you will be properly supported well into the future.