



Driven by Yamaha

LOGIC



Work hard. Work smart.

Yamaha has been building some of the world's toughest and most reliable ATVs for over 35 Years. Every Yamaha is engineered to perform effectively and efficiently in the harshest environments. And what makes our latest utility models so successful is their innovative industry-leading technology that enables them to work harder, work smarter and work longer.

Logic is a British manufacturing company that is leading in the design and manufacture of equipment and accessories for ATVs, and SSV's. This ever expanding range of high quality products with its compact dimensions and robust construction are designed to accomplish full sized tasks on farms, estates, public areas, etc.

We are proud to bring together the best of both worlds. The combination of tough Yamaha ATV's and smart Logic equipment results in high quality utility solutions for a wide range of tasks. Whether you use the versatile Grizzly 350 with a STT trailer to clean your yard, or the flagship Grizzly 700 EPS with a TRM mower to maintain a Highland estate, you can rely on the unique Yamaha-Logic utility solutions, all day every day.





Logic

Agricultural background

Logic was formed in the early 1970's from a farming background of equipment manufacture for the livestock industry. Most of the products had a unique design advantage that stood them apart from any others and are still recognised as the best of their type. Many of these early products are still in use today. This strong background has led to an ever improving and expanding line-up of practical equipment.

Quality

Logic products are designed and manufactured in the UK using the latest design systems. The highest quality materials and components are formed to a perfect combination of strength and performance. As a result, logic products can be used every day and will last a lifetime even in a professional environment. You can have confidence in the superior construction and durability of Logic equipment and be assured that each product will meet your particular requirements.

Innovation, Quality and Integrity are key to the Logic brand.

Sectors

The quality and usability of Logic products is recognized by users in many different sectors. From a farmer in search of a flexible way to feed his livestock, to a horse owner looking to carry out tasks more quickly and efficiently. A Yamaha ATV with Logic equipment will do the job for you.

As a result the Logic products and line-up have evolved over time to meet and exceed each customer's expectations with its specific design details.

Please note the sector icons to easily see which Logic products are especially suitable for your area of utility task.



Agriculture—The ATV has revolutionised the way farmers go about their business. Many farming tasks can be done more effectively using this low ground pressure vehicle. Logic has driven this evolution and developed complimentary equipment for all aspects of this sector.



Equestrian—Small and flexible equipment is good for this industry. Many families can enjoy and benefit from the use of this type of equipment, particularly when looking after smaller paddocks.



Game-keeping—Compact equipment used with a SSV or ATV is ideal for game-keeping in woodland areas which are often a difficult environment.



Forestry— Forest and woodland maintenance has been much improved by the introduction of the ATV to work in confined spaces with suitable implements.



Municipal— Where reduced size can be an advantage for this type of work, an ATV with suitable equipment can go into places others cannot.



Winter Maintenance—ATVs and SSVs are ideally placed to travel in winter conditions and when teamed up with one of our spreaders either trailed or deck mounted, provide a go-anywhere facility to spread de-icing products.





STT Trailer



The STT is a general purpose off-road trailer. It is a versatile asset and quickly becomes an almost indispensable tool. The standard unit has low sides for easy loading and unloading. It benefits from a very strong, all welded construction and has a fully hot-dip galvanised body. The standard construction features a strong, high quality timber floor which provides good grip for objects in the trailer although there is an option of an alloy tread plate floor if required.

- Standard Features
- Trailer body dimensions: 1500 x 1000 x 380mm
 - All-welded monocoque construction to provide maximum strength with minimum unladen weight
 - Galvanised for long term protection
 - Swivel hitch for Health & Safety compliance
 - Hot-dip galvanised body for durability
 - Quality timber floor for long life
 - Bead lock wheel rims for added safety
 - 50mm swivel tow hitch
 - Flotation tyres for low ground pressure
 - Bolt-in stub axles for ease of replacement
 - Top quality wheels and tyres



Bead-lock wheel rims provide additional security for tyre to rim adhesion, particularly as these tyres operate at low pressure.



Bolt-in stub axle to allow easy maintenance or replacement when the time comes, without disturbing the galvanising protection.



Swivel hitch provides safe coupling with articulation for travelling over rough ground.



S215 Power Brush



The power brush is ideal for rapid cleaning of roads, yards, grain stores, foot paths, parks and sports fields.

The brush features a special end brush for sweeping close to walls and kerbs, is adjustable left or right and has accurate height adjustment. It features a safety kill switch fitted as standard and a parking leg for safe storage, which keeps weight off the bristles, preventing distortion. The brush is mounted using the system 20 chassis which allows quick attachment/detachment of front mounted equipment. The complete chassis can be easily removed from the vehicle mounting brackets when attachment not in use.

Standard Features

- 1.35 metre wide brush
- 6.5hp engine
- Manual lift via simple over-centre lever or electric actuator.
- Special end brush
- Adjustable for left or right
- Accurate height control
- Sturdy construction for long life.
- Enables much more use of the host ATV or UTV
- N.B. Requires System 20 chassis for ATV or UTV (contact Logic to determine type and availability)



TRM Rotary mower



The Logic TRM trailed rotary mower is a superb machine for topping larger areas of well maintained grass, such as sports pitches, paddocks, orchards, driveways, parkland areas and woodland walkways. Triple cutting blades and a cutting height adjustment ranging from 20mm - 160mm are the main product features but it is always worth mentioning the low ground pressure ability of these machines when used with an ATV/UTV as the towing vehicle. However, as the mower has its own engine it can be towed behind any suitable vehicle.

- Standard Features
- 1.2 metre cutting width
 - Triple cutting blades
 - Simple cutting height adjustment from 20mm - 160mm
 - Offset drawbar facility for accurate edge work
 - Remote throttle
 - Safety engine kill switch
 - 50mm swivel tow hitch
 - Flotation wheels, 20 x 7-8



Three blade configuration results in a shorter, more manoeuvrable unit, greater accuracy with height adjustment and less tendency to scalp over rises.



The adjustment of cutting height is controlled by a spring assisted Lever.



Drawbar top link permits deck levelling with any towing vehicle.



MFP Flail Mower



Logic Flail Mowers are ideal for tougher mowing/topping tasks. Used behind an ATV, they have the ability to cut grass or other vegetation with low ground pressure, preventing wheel ruts in soft ground and minimising damage through gateways etc.

Like the Logic rotary mower, the ATV flail mower range is ideal for maintaining the optimum height of grass in paddocks to suit your requirements. The flail mower really comes into its own when there are further requirements such as mowing on uneven ground eg. verges and banks or mowing on rough ground eg. woodland paths/rides. In general terms you should consider a flail mower if you require the versatility for different cutting conditions, whereas a rotary mower may be the preferred choice if you only have areas of easier cutting.

- Standard Features
- Ideal for all topping requirements, including rough, uneven ground
 - 1.2 metre cutting width
 - Adjustable cutting heights between 0-140mm on standard wheels and up to 216mm on flotation wheels.
 - 16 HP V-twin engine
 - Emergency engine 'kill-switch'
 - Quick off-set draw bar
 - Anti-scalping roller
 - Wheels alongside for easy towing/balance
 - Trail behind any suitable vehicle

- Professional Option:
- Wheels behind variant available, allows closer cutting to walls/fences



Full width anti scalping roller protects the sward from scalping and allows cutting over kerbs.



The adjustment of cutting height is controlled by a spring assisted screw jack.



Drawbar lower link permits deck levelling with any towing vehicle.



Blades
There is a choice of blades which can be used on MFP models:
A General purpose, supplied as standard for most situations.
B Fine grass, for lawns and more formal areas.
C Scarifying, to remove moss, thatch, etc.



PG250 Surface Grader



PG250 Pro-Grade provides one-pass levelling to keep an arena in tip top condition, quickly and easily. It features a concave profiled blade that keeps surface material rolling along in front of the blade without spilling over the top. It has an easily unlocked swing back section to form the perimeter plough, is light to tow and has a height adjustable drawbar for different vehicle towing heights.

Standard Features

- Incorporates a rubber buffer at the edge of the blade to prevent damage
- Raise and lower transport lever - easy to operate
- 2.5 metre width
- Perimeter plough 1.1 metre wide, used to draw in material kicked up around the boards.
- Depth adjustment - allows correct blade setting for various types of surface
- Adjustable drawbar for altering the hitch height to suit different towing vehicles
- Wheel Track Levelling Kit - essential for a 'one pass' system. On any rough surface, the area immediately in front of each wheel is graded to provide a level track to travel on. This provides a stable platform for the main blade to produce a smooth finish on the first pass
- Low ground pressure tyres 20 x 7-8 ensuring all round capability on hard and soft surfaces
- Swivel hitch with 50mm ball coupling



Depth adjustment jack to set the blade to the best working level in various surfaces.



Optional tine bar fitted, seen here with perimeter plough in use to pull in material from the side boards.



Options include a wheel track levelling kit (left) to enable one pass grading.



OBS60 Sprayer



Whether it's spraying arable headlands, spot control in grassland or around buildings and sheds, there will always be a use for an on board sprayer on farms, small holdings, equestrian yards, estates, etc. Logic sprayers have always led with innovative yet simple design features and market leading qualities of strength, ease of use and accuracy, designed for use over many years.

- Standard Features
- 60 litre tank capacity
 - 12v pump with 4.5 litre/min capacity
 - 1.5 metre boom with 3 nozzles
 - Hand lance with 10 metre hose
 - Tanks are rotationally moulded for strength and durability
 - Spray lines are made of plastic or stainless steel. Other boom metalwork is electroplated to resist corrosion
 - Booms can be quickly adjusted for correct nozzle to target heigh.

- Professional Option:
- High output pump with 3m (6 nozzle) break-back boom



Break-back clutch to protect spray lines in operation or fold up in transport mode.



Drain plug to assist easy emptying of fluid.



Hedgerow nozzle, ideal for walls, curbs, fence lines, etc.



Anti drip – Hypro nozzle holders feature ON/OFF valve control.



TS400S Trailed Sprayer



These compact sprayers have all the features of a conventional sprayer with the economy of a smaller capacity and the ability to be used with a wide range of suitable vehicles. Ideal for small to medium sized areas or for headland treatments on much larger areas.

Standard Features

- 270 litre capacity
- 12v on-board pump
- 9 litres/min at 3 bar (40psi)
- 3 metre wide boom with 6 spray nozzles
- Hand lance with 10 metre hose
- Full pressure control system
- In-line filter
- Agitation system
- Pressure gauge
- Drain plug
- Filter basket
- Wiring loom to fit to ATV
- Hedgerow nozzle
- Flotation wheels
- Trail behind any suitable vehicle
- Galvanised chassis for long life



Break-back clutch to protect spray lines in operation or fold up in transport mode.



Drain plug to assist easy emptying of fluid.



Hedgerow nozzle, ideal for walls, curbs, fence lines, etc.



Anti drip – Hypro nozzle holders feature ON/OFF valve control.



EBC Electro-Broadcaster



The Electro Broadcaster is designed to spread a wide range of products including slug pellets, fertiliser, all types of seed, trace elements and minerals, etc. The stainless steel frame and metering plate with polyethylene hopper, ensure a long trouble free life.

Standard Features

- High quality construction with stainless steel frame and metering parts
- Unique metering plate, suitable for small seeds & low application rates
- Easy adjustment of flow rate and bias setting
- Can be secured on either horizontal or vertical mounting
- Low impact delivery system to prevent break up of pellets
- Translucent hopper shows contents level at a glance
- Spreads grass seed, herbicide granules, fertiliser, slug pellets, etc.
- Slug pellet spread range between 12 - 30 metres
- Small seed spread range (eg. grass) up to 6 metres
- Hopper capacity of 85 litres
- Adjustable spread pattern

Professional Option:

- Electronic spread setting to allow precise adjustments



Flow rate adjustment and Bias setting:
Twin feed apertures allow for large and small products to be successfully handled - even when a very low application rate is required.



Low impact delivery system - this central cone reduces the impact of the product hitting the high-speed spinning disc. When slug pelleting or spreading fertiliser this minimises 'dusting'. It is also a major benefit when broadcasting seeds, as they are protected from damage.



LDS Ground Driven Spreader



The LDS120DS is very good for paddocks and small acreages or for top dressing strip grazed fields. In winter, it is also capable of spreading de-icing products.

Standard Features

- Simple, robust spreaders.
- Towable by any suitable vehicle.
- Spread width up to 15.0 metres.
- Capacity of 120 litre (approx. 115 kg)
- Hopper cover
- Translucent hopper for monitoring fertiliser level
- Low ground pressure tyres
- 50mm swivel ball hitch
- Ground drive
- Drive engage handle accessible from ATV seat
- Galvanised frame



Adjustable flow control can be operated from the driving position on ATVs. Disc drive engagement is extremely simple and can be disengaged when not spreading.



There are few moving parts on this spreader and maintenance is minimal. The quality galvanised finish ensures the chassis and mounting frame will last for many years.



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