

# SALES CATALOG

## MARVEL TS 100



Your compact and efficient solution for asphalt paver.

## THE HISTORY BEHIND MARVEL TS 100

Tech-Solution Marvel TS 100 is a product with roots in a long journey of innovation and technological development. The product was developed with the aim of offering an efficient and user-friendly solution for asphalt paving. Marvel TS 100 quickly became recognized for its reliability and ability to deliver high-level results, making it a popular choice among both the business world and the technology sector.

The development of Marvel TS 100 started as a project by Tech-Solution, a company known for creating advanced technological solutions to meet modern challenges. The company focused on developing a product that could integrate various functions and provide users with a more streamlined experience.

Throughout its development, Marvel TS 100 has undergone several updates and improvements, making it even more powerful and compatible with the latest technological trends. With a focus on high performance and durability, the product has established itself as one of the most reliable solutions in its category.

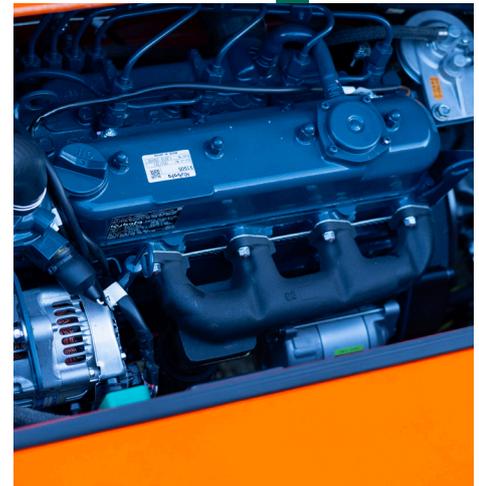
Today, the Marvel TS 100 is the epitome of innovation and quality, and it continues to be one of the most sought-after products in its class.



# MARVEL TS 100

## Micro asphalt paver Machine

Are you looking for a versatile and efficient solution for your asphalt paving? Marvel TS 100 is designed to revolutionize the way you approach asphalt paving projects. Whether you're a contractor, municipality, or involved in various asphalt paving projects, the micro asphalt paver from Tech-Solution is the ideal machine.



Its innovative features, including the compact design, trailerable concept, cost-effective operation, user-friendly controls, and versatile asphalt paving options, set it apart in the market. Additionally, it contributes to a significant improvement in the work environment, making the work processes both safer and more comfortable for the operator. Don't miss the opportunity to streamline your asphalt paving projects with this exceptional Micro Asphalt paving Machine.

### 6 benefits of the **Micro Asphalt paver Machine**:

Compact design  
for easy transport and use

Economic operation and  
fully hydraulic system

Can be trailed,  
for increased flexibility  
and easy logistics

Wide range of asphalt  
paving options

User-friendly and  
easy to operate

Simple maintenance

As standard, the asphalt paver can lay strips with a width of 15-100 cm and lay from 0-7 cm above the level.

If you choose the 4WD model, you can reach a laying width of up to 150 cm.



## TECHNICAL SPECIFICATIONS

Width: min/max	160/260 cm
Length:	345 cm
Height:	114 cm
Empty weight:	2000 kg
Container size:	1m3 Asphalt
Fuel tank:	35L
Hydraulic tank:	70L
Engine:	Kubota V1505-E4, vertical, water-cooled, 4-stroke diesel engine, 17.7 kW / 2300 RPM.
Steering system:	Servo

## 6 examples of asphalt application possibilities:

Repairs

Road repairs

Bicycle path

Driveways / Ramps in Residential Areas

Curbs and Special Edging

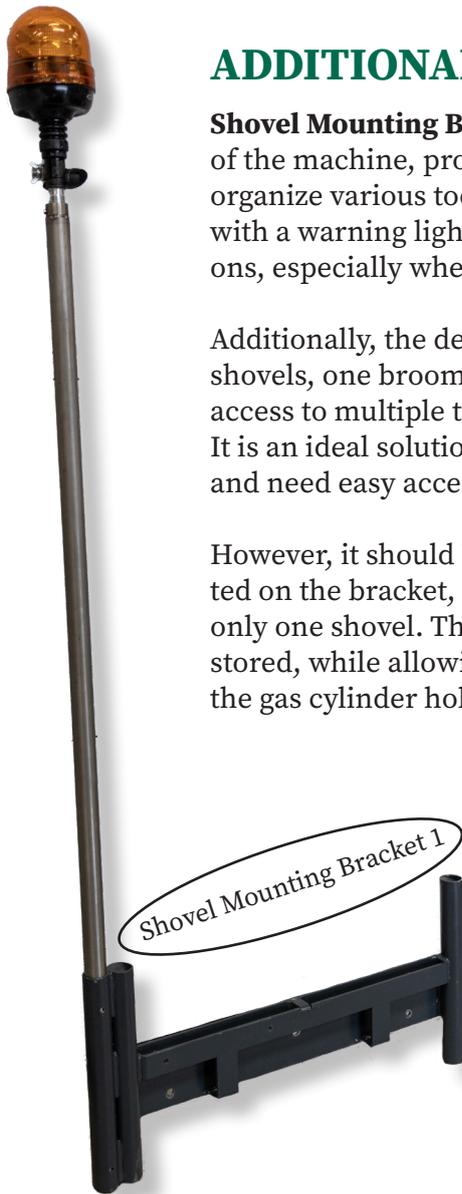
District Heating/ Fiber Optic Networks

## ADDITIONAL EQUIPMENT

**Shovel Mounting Bracket 1** is designed for mounting on the back of the machine, providing a practical and efficient way to store and organize various tools used in daily work routines. The bracket comes with a warning light, enhancing visibility and safety during operations, especially when the machine is in motion.

Additionally, the design of the bracket allows for the storage of two shovels, one broom, and one rake. This configuration enables quick access to multiple tools, saving time and increasing work efficiency. It is an ideal solution for those who perform shovel and broom work and need easy access to these tools.

However, it should be noted that when a gas cylinder holder is mounted on the bracket, the available space is reduced, leaving room for only one shovel. This design ensures that essential tools can still be stored, while allowing space for other critical components such as the gas cylinder holder.



## ADDITIONAL EQUIPMENT

**Shovel Mounting Bracket 2** is designed for mounting on the machine's right side, providing a practical and efficient storage solution for the tools that are frequently used in the work process. This bracket is particularly ideal when it's necessary to keep track of important tools while ensuring easy access to them during operations.

The bracket is designed to hold one shovel, one broom, and one rake. This configuration allows you to have the most commonly used tools right at hand, saving time and ensuring a more efficient workflow. Whether it's cleaning, tidying up, or maintaining the work area, Shovel Mounting Bracket 2 ensures that you can quickly switch between the necessary tools without having to search for them.

Keeping your tools organized is a key part of optimizing daily operations. With Shovel Mounting Bracket 2, you ensure that the tools are not only securely stored but also easily accessible when needed. This can boost productivity and reduce the risk of losing or damaging equipment.

## ADDITIONAL EQUIPMENT

**Lubrication Tank** is an essential tool in many tasks, especially when it comes to operations where lubrication and glide ability are crucial for the efficiency and durability of machines and equipment. This Lubrication Tank is designed to hold up to 20 liters of fluid, providing ample capacity for long workdays.

The tank comes with a practical hose reel, which has a 9 meter length. This allows for the application of lubrication over a larger area. The hose reel also ensures that the hose is stored neatly and properly when not in use, preventing damage and eliminating any tripping hazards.

An additional feature that makes the lubrication Tank even more user-friendly is the integrated on/off switch and timer relay. The timer relay ensures you don't have to worry about manually switching off the tank, as it automatically stops the flow after a preset period. This saves both time and energy while ensuring the equipment isn't in use longer than necessary.



## ADDITIONAL EQUIPMENT

**Guide Pin** is an important tool that helps with precision and accuracy in your work. It is designed for mounting on the left side at the front of the machine, providing easy access and excellent visibility while you work. This placement allows you to keep the guide pin close to the work area, giving you maximum control over adjustments.

The guide pin is adjustable, allowing you to easily fine-tune the tip to suit your needs. This makes it possible to work with high precision, whether you're ensuring that you are working perfectly aligned with an edge or following a marked line. Whether you're marking, cutting, or performing other precision tasks, the guide pin provides the necessary adjustability to get the job done correctly and efficiently.

With the guide pin's adjustable feature, it's possible to achieve a professional and consistent result every time. It makes it easier to maintain precision in your work, which is essential for achieving the desired outcomes and ensuring the quality of the finished task.



## ADDITIONAL EQUIPMENT

**The Gas bottle Holder** is a practical and functional solution that allows you to carry a gas bottle with you during your work. This holder is mounted on the back of the machine, ensuring that the gas bottle is securely stored without taking up valuable space in the machine's work area.

The gas bottle holder is particularly useful in situations where gas is needed for specific tasks, such as creating curbs. By having the gas easily accessible, you can quickly and efficiently access it when necessary, saving time and making the work process more effective.



## ADDITIONAL EQUIPMENT

**The Work Light** is an accessory that provides increased visibility and improved working conditions, especially when working under poor lighting or in areas where precision is crucial. The light is designed for quick and easy installation, featuring a magnet at the base of the lamp, which allows you to position it precisely on the machine where you need it.

The magnetic feature makes installation flexible, so you can place the work light exactly where it provides the best illumination, without the need for tools or additional mounting. This means you can quickly adjust the direction of the light based on what is required for the specific task at hand. Whether you need to illuminate a specific area of the machine or a work zone, the work light offers you freedom and control.

With the work light, you gain both increased comfort and safety, as you can easily adjust the lighting to suit the working conditions. It is a practical and versatile solution that helps optimize your work, especially in dark or poorly lit areas.



## ADDITIONAL EQUIPMENT

**The Console for Curb Boxes** is an essential component that provides a stable and practical solution for curb boxes. It is designed to be mounted on the left side of the machine and can be quickly installed and removed with just 4 nuts. The console is equipped with a handle, allowing for height adjustments, as well as a spring mechanism that can be set to the desired pressure against the surface. This ensures that the curb box follows the surface, even when it is uneven. Additionally, the design makes it easy and fast to switch between different models of curb boxes.



## ADDITIONAL EQUIPMENT

**4WD (Four-Wheel Drive)** is an accessory that can be added to your equipment to enhance traction and mobility during operation. This feature is especially useful in terrains or on worksites where extra grip and stability are needed, such as on slopes or when using a paver extender. For more information, please contact us.

**Grease Cartridges** capable of withstanding temperatures up to 230 degrees are a reliable choice for lubricating equipment that operates under hot and demanding conditions. These cartridges ensure consistent lubrication and extend the life of your equipment. If you need effective lubrication in challenging environments, these grease cartridges are an ideal choice and are designed for use in central lubrication systems. For more information, please contact us.

## ADDITIONAL EQUIPMENT

**Curb Box Type 1** is an effective and practical solution for managing water drainage in specific areas. This curb box is designed to direct water to the desired destination, helping to prevent flooding and water accumulation in unwanted locations.

With dimensions of 20x50x150 mm, the curb box is suitable for smaller, controlled areas where precise water management is needed. It is ideal for guiding rainwater away from residential areas and directing it toward drains or natural waterways, thereby helping to protect buildings and roads from water damage.

**Curb Box Type 1** is both durable and functional, making it a reliable choice for those looking to improve water drainage in residential areas. Its design and size make it easy to integrate into existing infrastructure, offering a practical and effective solution for water management.



## ADDITIONAL EQUIPMENT

**Hand Tool Curb Type 1** is a practical and functional tool designed for precise tasks where you need to create or work with curbs. With its dimensions of 20x50x150 mm, it is ideal for handmade curbs or creating glitter edges. The tool allows for detailed and accurate work, making it an excellent choice for those requiring precision in curb construction or similar tasks.

## ADDITIONAL EQUIPMENT

**Curb Box Type 2** is a specially designed solution for effective water management on roads and highways. This curb box is developed to be placed in areas where proper drainage of rainwater is of the utmost importance – such as along highways, where large amounts of water can accumulate quickly and cause flooding or reduced road traction.

With the curb box dimensions of 20x100x150 mm it is designed to ensure that water is efficiently directed away from the roadway and towards the desired destinations, such as drainage ditches, channels, or other stormwater runoff paths. By using the curb box, water accumulation on the roadway can be prevented, reducing the risk of aquaplaning and improving traffic safety.

**Curb Box Type 2** is approved by road authorities and is equipped with a vibrator to ensure that the material in the box is properly compacted. The vibrator helps compress and stabilize the curb, providing more effective and long-lasting functionality within the road structure. This technology ensures that water is efficiently directed away, even during heavy rainfall and in areas with high traffic pressure.



## ADDITIONAL EQUIPMENT

**Hand Tool Curb Type 2** is a practical and functional tool designed for precise tasks where you need to create or work with curbs. With its dimensions of 20x100x150 mm, it is ideal for handmade curbs or creating glitter edges. This tool allows for detailed, accurate work, ensuring that the curb or decorative edge is shaped to the desired specifications with high precision.



## ADDITIONAL EQUIPMENT

**Paver Extender** is an accessory designed to optimize and expand your paving capabilities in construction projects. There are two specially developed extenders that allow you to increase the paving width up to 1.25 meters or 1.50 meters (**for 4WD use only**), providing you with significantly greater flexibility and efficiency in your work.

With its features and design, the laydown extensions are ideal when you need to lay over 1 meter quickly and accurately. These extensions allow you to work with larger working surfaces, meaning you can lay asphalt over a wider area, saving both time and effort. With the screw extension, you get a complete system that ensures precise and efficient laying.



## CONTACT US:

Tech-Solution offers expertise and solutions tailored to your specific needs. Whether you're looking for specialized technology, advice, or products to optimize your processes, our sales team provides you with the necessary knowledge and guidance to make the best choices.

Additionally, our team stays up-to-date with the latest trends and updates, ensuring that you have access to the most advanced solutions and technologies. Our sales professionals are committed to delivering personalized and professional service, guaranteeing that you receive the right support and a product that meets your requirements saving you time and preventing costly mistakes.



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