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READY FOR THE TOUGHEST TRACKS

Tanja Lammers, Maats, on optimising pipeline equipment performance by preparing for the toughest conditions.

Pipeline construction rarely occurs under ideal conditions. Projects span deserts, mountains, and remote regions, operating under intense pressure where a single mechanical failure can stall an entire operation. In these



environments, there is zero margin for error.

The same logic applies to racing. When pushing limits on a demanding track, any technical oversight leads to immediate downtime. In both worlds, every downtime carries a price. But the real difference is made before the race begins. Reliability is not proven on the track alone. It is built in the preparation leading up to it.

Where performance begins

At Maats Pipeline Professionals, we inspect, prepare, and configure every machine within our specialised technical 'pit lane', before field deployment. Here, every unit is prepared, checked, and ready before it hits the track. Once equipment reaches the site, it must deliver.



Figure 1. Maats, The Netherlands.



Figure 2. Maats rental equipment, 8x RL64 in action on a 48 in. jobsite in Turkey.

This preparation is both technical and strategic. In an industry facing increasing project scales and unpredictable timelines, immediate access to reliable equipment is a competitive necessity. Contractors today must balance fleet ownership with the need for flexibility. This challenge directly dictates project efficiency and financial risk. From pit lane to pipeline, success is decided long before the engine starts.

Minimising project delays

In both racing and the pipeline industry, timing is everything. A delayed start sacrifices momentum before the primary work begins. Large-scale projects involve tight schedules and complex logistics, where availability gaps immediately erode progress and increase costs.

With one of the world's largest and most modern rental fleets, Maats enables rapid global mobilisation. We deliver equipment where and when it is required, removing the burden of ownership and long-term capital commitment. This flexibility is vital in today's fluctuating market. Instead of maintaining idle assets, contractors can scale their fleet precisely to project demands.

By ensuring every machine is fully prepared before mobilisation begins, we minimise on-site setup time. Consequently, projects launch with the confidence of a perfect race start. Every component is in place from the first second and fully prepared for the demands of the track ahead.

Built for every track

Speed alone is insufficient. Just as no two tracks are identical, no pipeline project follows a standard template. Variations in pipe diameter, terrain, and material demand solutions adapted to the environment. Maats solves these challenges by bridging a vast rental fleet with deep engineering expertise.

For example, when working with high-grade steels such as X80, bending forces increase significantly. We provide reinforced machine structures and precision-controlled hydraulic systems to maintain accuracy and prevent deformation. This ensures

consistent performance under extreme stress, comparable to the most demanding race tracks.

We also prioritise multi-functionality. Our welding tractors, for instance, serve as integrated platforms providing hydraulic power, compressed air, and electrical output. This allows multiple operations to proceed without the clutter of additional equipment. Where necessary, we implement project-specific modifications to satisfy technical specifications, local regulations, or environmental constraints.

The result is a setup tuned specifically for the track at hand. It ensures every machine performs exactly as expected when it enters the field.

Performance as a team effort

The most advanced equipment cannot operate in isolation. In both racing and pipeline construction, success stems from coordinated teamwork. Efficiency drops and risks rise when people, planning and equipment are not perfectly aligned. This is why Maats integrates with contractor teams from the outset.

Our involvement includes strategic equipment selection, mobilisation planning, and ensuring operators are fully familiarised with the machinery before the first weld. This support continues throughout the entire project lifecycle, from initial mobilisation and on-site technical guidance while the project is being executed to project completion and demobilisation.

When the unexpected occurs, our access to technical expertise and replacement units ensures continuity. This keeps the project moving, just as a pit crew ensures a car stays in the race. We do not just supply equipment. We become part of the team driving the project's performance. Because in the end, it's not speed that wins. It's preparation that keeps everything moving.

No room for failure

Racing and pipeline construction share one non-negotiable requirement: reliability. Equipment must function in extreme environments, from Arctic frost to desert heat, often in remote locations where support is limited.



Figure 3. Bending insulated pipes.



Figure 4. Internal bending at Maats.

Reliability starts long before deployment. We rigorously inspect and maintain every unit in our fleet to meet stringent project requirements and safety regulations. Integrated systems, such as load monitoring and certified protective structures, ensure safe operation under all conditions. Without these safeguards, minor overloads can lead to unacceptable damage or safety risks.

Furthermore, our machines are engineered for longevity and maintain peak reliability even after periods of inactivity. Combined with global service support and rapid spare parts availability, we ensure that performance is never left to chance. No matter how demanding the track may be.

Winning in the preparation

As pipeline projects grow in complexity, the demand for flexibility and reliability intensifies. By merging global availability with engineering precision and a relentless focus on preparation, Maats ensures every machine is ready before it leaves the gate.

Prepared in the pit lane. Ready for the field.

In pipeline construction, as in racing, timing matters. Strong preparation reduces downtime and keeps projects moving.