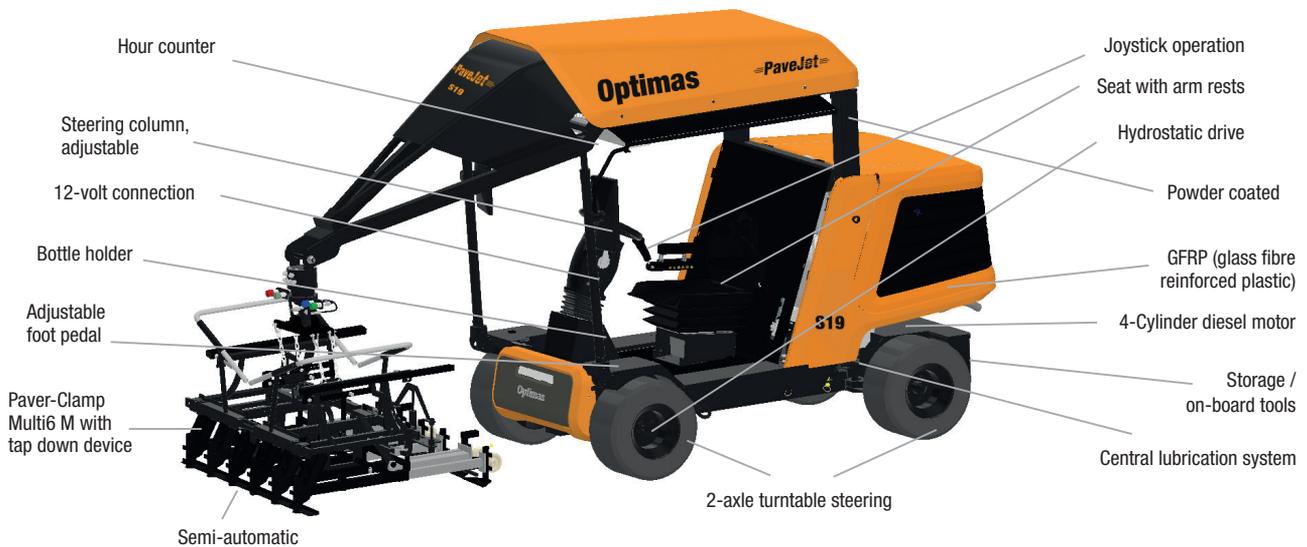


# Our machine functions never fail to convince!

**The Optimas S19 PaveJet paver laying machine – solid and well thought-through!**

	<b>Engineering</b>	<b>Customer benefits</b>
<b>Multi6 M Paver-Clamp</b>	See explanation on pages 14 + 15	A flexible frame and push-in handles allow precise positioning along a wall.
<b>Tap Down Device</b>	Tap down device for the first row of pavers when laying.	Twist free placing of paving stones and a perfect paving joint in accordance to German DIN standard requirements.
<b>Joystick - operation</b>	All operating buttons triggering the clamp function (open/close; lateral alignment/shifting) are mounted on a single joystick.	Simple operation via logic arrangement of the operating buttons. Joystick can be adjusted for inclination and longitudinal direction. Comfortable position, produces fatigue-free working.
<b>Semi-automatic</b>	The clamp functions “lateral aligning” and “gripping” are triggered by only one single button press.	Simple operation.
<b>Adjustable steering column</b>	The steering column can be set for height and incline.	No need to bend down to the steering wheel. Comfortable position during steering makes for fatigue-free working.
<b>Adjustable foot pedal</b>	The foot pedals are conceived as a rocker and can be adapted for the angle of inclination.	An optimal sitting position protects health and makes for fatigue-free working. Feet and legs are relaxed.
<b>Seat</b>	The back rest is adjustable, the seat can be set individually to the weight of the driver, the arm rests can be folded up. Seat suspension with 80 mm deflection.	An optimal sitting position protects health and makes for fatigue-free working.
<b>4-Cylinder diesel motor Kohler/LDW1404</b>	4 - cylinder water-cooled, 17.9 KW (24.3 HP), engine block mounted on special rubber buffers, motor compartment fitted with special sound insulating material	High-performance motor, rarely used to its fullest extent, thus very low wear and constantly high-performance reserves. Long life span extremely low vibration and quiet.
<b>The hydrostatic drive can be set with throttle valve</b>	The front wheels are driven continuously by hydraulic wheel motors. A foot pedal is used to regulate the speed sensitively and to control the forward and reverse drive steplessly. The hydraulic oil quantity can be regulated exactly by using the throttle valve.	Simple operation; the machine speed and direction depends on the position of the pedal. This enables very sensitive driving. The throttle valve can be used to set the driving behaviour of the machine for every driver type from cautious to very aggressive.



### 2-axle turntable steering system

### Engineering

All 4-wheel steering. All 4 wheels roll even with steering at a standstill. 2-axle turntable steering.

### Customer benefits

No thrust force impacts on the freshly-laid paver from steering movements. High manoeuvrability through a low turning radius (inside radius 0.75 m; outside radius 1.8 m). The clamp can be moved 1 m left and right from a standstill only via steering movements. Narrow, angled construction sites do not pose a problem. (e.g. cycle paths 1.20 m wide).

<b>Storage / on-board tools</b>	Storage space with cover	Waterproof storage room
<b>Steel components</b>	Powder-coated	Coating is very resistant and durable
<b>Roof, front panel, side panels, bonnet</b>	glass fibre reinforced plastic in RAL colour 2004 (pure orange)	GFRP-parts: among other things high strength, UV-resistant, weatherproof and not rusting.
<b>Bottle holder</b>	Stable holder for bottles and cans.	To accommodate drinks in a fixed position accessible during driving.
<b>12 Volt connection + USB charging socket</b>	12 Volt connection at steering column + USB charging socket	e.g. for charging a mobile telephone
<b>Central lubrication system</b>	Axle bearing and steering cylinder are connected to the central lubrication system	Otherwise poorly-accessible lubrication points are easy to access and are lubricated. Long life span.
<b>Cycle counter</b>	Counts every working cycle.	Calculation aid.
<b>Cycle counter, resettable</b>	Counts every work cycle, reset button can reset the counter to zero at any time.	Calculation aid – the operator and operating company can get an overview of the work output at any time.
<b>Hour counter</b>	Counts all operating hours.	Overview of the total operating hours. Checking the maintenance intervals.
<b>Rev counter</b>	Indicates engine speed.	For operators very simple to drive with the best engine-performance (optimum torque at 2,200 rpm) - which means less diesel is consumed and the machine is also pleasantly quiet.