

 Made in Germany

T22

Optimas® T22 Paver laying machine



www.optimas.de

 **Optimas®**

The features make for all the fun!

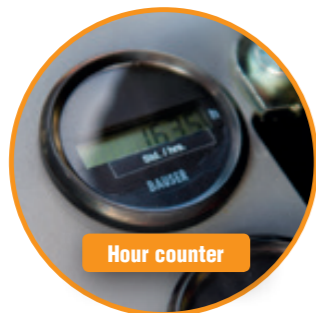
The ideal entrance into mechanical paver laying for all those who want to use the most up-to-date and affordable technology!

T22 concentrates on the essentials. Designed to be used, the machine provides a great price-performance ratio. Robust, easy to maintain and easy operation. In contrast to all other paver laying machines, the boom raising and lowering function is not performed via a foot pedal, but via joystick. With no need to adapt, digger drivers can make the changeover easily.

The v-shaped boom means that the driver always has a free view to laying edge, making for easy and precise working.



Basic configuration



- Horn
- Hydrostatic drive
- Powder paint coating

Comfort features



Further advantages



Cabin and extras

Extremely fast, the T22 paver laying machine puts down paving with a top-quality finish in record time. We focus on the comfort of the operator:

- Simple operation with an open vehicle design
- Easy to operate with best results and low effort: work up to 8-hour shifts in complete comfort.
- A tried-and-tested geometry makes for great manoeuvrability
- Both stable and agile, even during an extreme change in the balance point

Engineering and performance

The reliability and effectiveness of the T22 makes worker shortages a thing of the past:

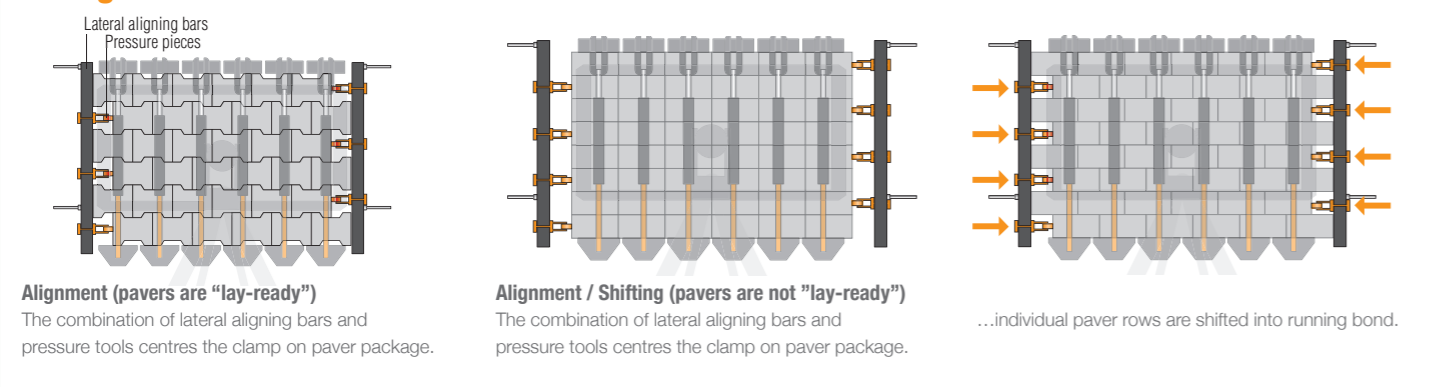
- **The optimum manoeuvrability** of our paver laying machine - whether on small or large job-sites - and its perfect combination of 2-axle turntable steering and continuous clamp rotation gear makes for simple alignment of paver clamp in front of paver package and at the laying edge
- **Versatile use...** permits operation in closed areas e.g. an underground car park
- **Excellent illumination** of the working area - Day and night
- **Short-term amortization** of the purchase - Long life span
- **Highly effective** for commercial users - Makes for easy working
- **T22 is quick...** with optimal site organization, the operator can lay pavers in a 30-seconds work cycle
- **Paver laying of 800 m² per day and more**

Mature engineering makes for top quality.

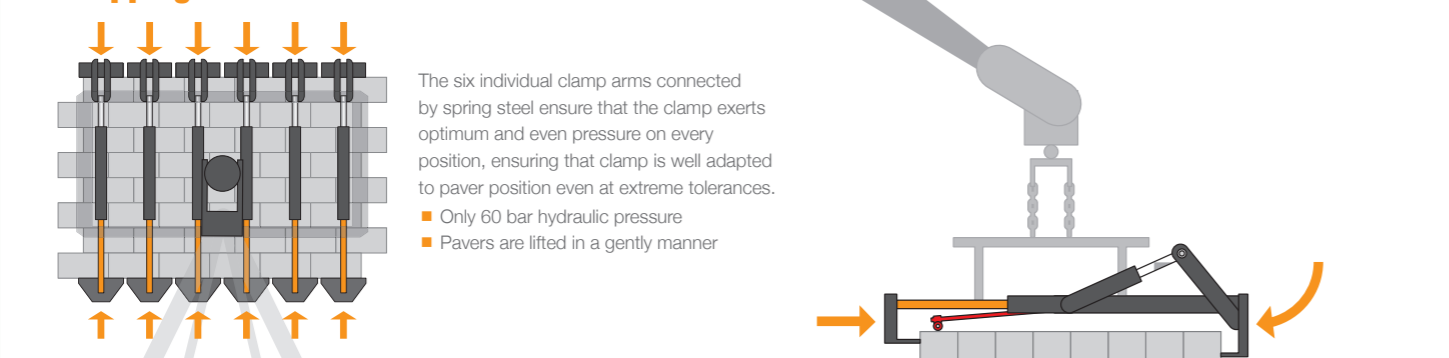
The simple operation of paver clamp makes for a multi-talent, and is fitted on T22 in series.

Three steps to a perfectly-laid paver surface:

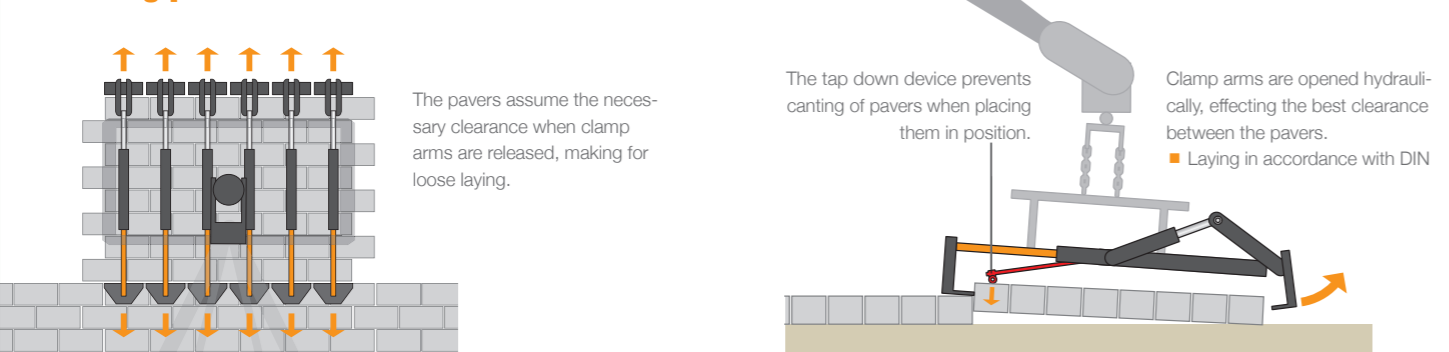
1. Alignment



2. Gripping



3. Placing pavers



A paver clamp for all your needs and applications

There are so many different concrete paver patterns available on the market. This raises the question as to whether a single paver clamp is sufficient for the countless paver types (different dimensions and mould configurations)?

Our answer is simple and clear: YES! Whilst other manufacturer rely on providing up to five different clamp types, we have designed a single system clamp to meet all your possible needs. This can be set to all paver formats and sizes, with only a very few actions and without special tools.

Reduces effort to a minimum

- Paver clamp can be connected to Optimas paver laying machine or to any other construction machine
- Paver layer sizes of 0.6 m² to 1.5m² can be processed without problem
- Paver-Clamp "Multi6" grips thin (4.0 cm) or thick (24.0 cm) pavers and paver layer weights from 130 kg to 550 kg
- Clamp can deal with even as easily as as it grips uneven paver layers

- Multi6 clamp shifts pavers into running bond pattern easily, regardless of whether rectangular pavers have been manufactured machine-lay ready or not
- Even pavers with shift-protection (big spacers etc.) can be shifted into running bond pattern easily
- Paver layers in herring bone pattern with or without half stones can be gripped and laid without problem
- Whether concrete or clay pavers – clamp does its job perfectly

Our successful experience shows: Optimas paver clamps install some 100.000m² of pavers without any trouble. This is confirmed by the solid processing and the advantages conferred by being "Made in Germany". We recommend making a price-performance comparison before purchase: Optimas cannot be beaten in terms of value for money!

... A machine for all needs!



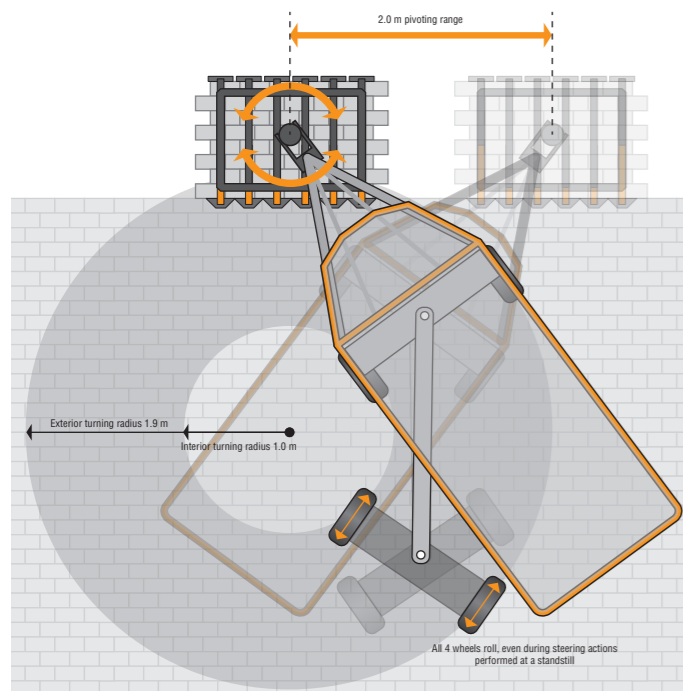
These technical highlights make Optimas T22 exceptional.

Our paver laying machine with 2-axle turntable steering

“We have Joy, we have fun...” - could be the motto of all T22 users; they can perform actions such as clamping, raising and lowering manually using the joystick. This familiar action will appeal to all digger drivers. Simple and easy-to-use.

Protection against displacement for freshly-laid pavers.

2- axle turntable steering system



All 4 wheel steering.

Advantages:

- Steering movement without lateral thrust force to the freshly-laid paver surface.
- High manoeuvrability through low turning radius.
- Large pivoting range of the clamp only via the steering movement.
- Can be deployed on narrow winding construction sites.

Strong, economical, quiet

3-cylinder diesel motor

- Can be used in environmental zones (as under 19 kW)

The Optimas T22 is available with a particulate filter (complies with TRGS554). This permits operation in closed areas (e.g. underground car parks).



Technical data

Height:	2.000 mm	Width:	1.200 mm
Overall length:	3.700 mm without clamp 4.000 mm with clamp		
Weight:	1.100 kg (without cabin) 1.250 kg (with cabin)		

Other: Diesel engine, 3 cylinders, water-cooled with electric heating, 14.8 kW (20.1 PS), soundproofed, oil cooler; hydrostatic drive with single pedal control, fully-hydraulic 2-axle turntable steering system, tank 24 l diesel, RAL 2004 paint, powder coating, CE – marking

Clean Sweeper

Optimas Clean Sweeper is a further attachment with hydraulic drive for the Optimas paver laying machines. Clean sweeper is fitted to front axle quickly and easily. Simple mechanical inclination 20° to the right and left. The swept material can also be collected in a collecting container (optional).



Ideal for cleaning construction sites and drives. Clean Sweeper is also attachable to all construction machines with forklifts using a special fixture.

Technical data

Working width:	1.80 m
Weight:	140 kg
Drive:	Hydraulic
Option:	Dirt collector

Paver Joint Filling Device

The Optimas paver joint filling device for the paver laying machine is perfectly-suited for inserting jointing material in paver joints on both small and large paver surfaces.

The paver joint filling device is fixed to the paver laying machine with socket pins without the need for tools. The extremely high manoeuvrability of the paver laying machine means that the jointing material can also be inserted in the curves and edges of paver joints exactly.

The overlapping and rotating brushes fill paver joints with jointing material completely, a precondition for a long life of paver surface. Cleaning the paver surface with Clean Sweeper carries off loose sand and parts of the jointing material between the pavers.

The Optimas paver joint filling device is ideal for subsequently filling the joints with sand and stone chips.

Only a completely filled joint transfers force from paver to paver, preventing their movement and thereby maintaining the elasticity of the paver surface.

Technische Daten

Working width:	1.70 m
Depth:	1.70 m
Height:	0.55 m
Weight:	110 kg



Use our Package Features

- BASIC**
- COMFORT**

Features package BASIC

- Paver clamp inc. tap down device
- Hydraulic rotator head 300°
- Semi-automatic
- Hydrostatic drive
- Powder paint coating
- 3 spotlights (2 front – 1 rear)
- Warning light, yellow
- Driver's seat with arm rests
- Adjustable steering column
- Adjustable foot pedal
- Arm rest
- Hour counter
- Re-settable cycle counter
- Horn

Features package COMFORT

- 2-Door cabin - tinted safety glass
- Heating with 2-stage fan
- Radio inc. speakers and antenna
- Windshield wiper

Optional:

Particulate filter (complies with TRGS554)

Special paint coating

- Paint coating in all RAL colours
- We are happy to deliver your paver machine in your company colours



Optimas® World market leader in paver laying technology

Your global contact partner – Optimas, world's no. 1!

**Trendsetting engineering through the application
of visionary technology - since 40 years.**

Your Optimas team



We develop practical and profitable solutions which work for our customers. The foundation of our success is a highly-trained and motivated workforce dedicated to the realization of our company principles and procedures:

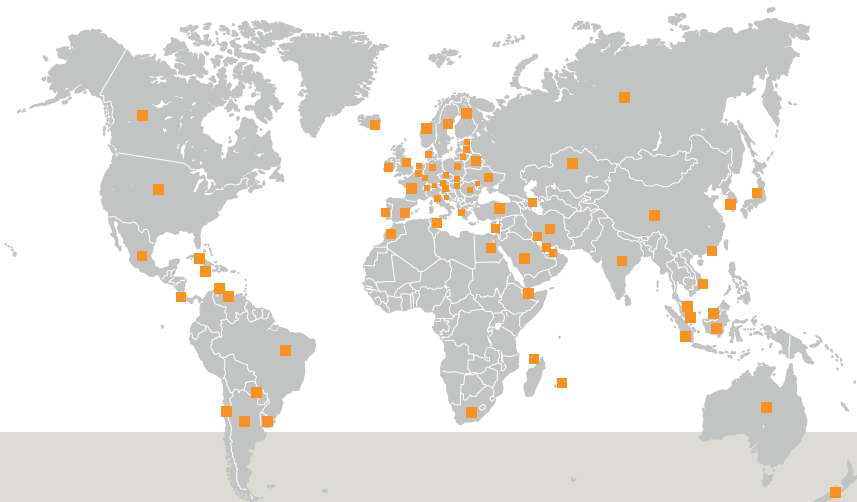
Consequent specialization on products for “rationalizing and humanizing working procedures in paving construction”.

Intensive consultation with customers to develop innovative, market-driven products. The use of cutting-edge technology with a considerable production-depth to ensure highest quality standards.

Holistic support of our international customer network with advice, demonstrations, technical services and training.

The consistent realization of these principles represents the basis of our success and makes us to **worldwide no. 1 contact partner for all things related to paving!**

Get in touch with us!



Optimas®


Specialist for road- and paving
construction-sites

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