

Optimas® Paving Specialist

Due to the consistent further development of innovative ideas, the use of state-of-the-art production technology and the holistic support of our customers, we are the world's No. 1 contact in our market segment!

Pioneering technology through visionary engineering since 1978.

Come visit us:

You would like to test Optimas PlanMatic?

Experience our visitor and training center in Ramsloh or our experience world at Coreum. Here we will be happy to demonstrate Optimas equipment „live“ in operation!

Test Optimas equipment by yourself.



Optimas Visitor and Training Center Ramsloh



Model construction site at Coreum, Stockstadt a. R.

Optimas® Grading system

PlanMatic

Pave smart.
Not hard.



Contact us!



Paving Specialist

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Visit us at    



Optimas® PlanMatic „PRO“

The fully automatic grader - all common slope profiles can be created!

Leveling at the highest level!

The **Optimas PlanMatic „PRO“**, a grading system as an attachment for wheel-, skid steer and telescopic loaders, offers a fully automatic mobile system that implements grading work safely, quickly and efficiently.

Typical applications include the construction of road, parking and industrial areas, the levelling of equestrian, sports or tennis facilities, and the levelling of hall floors. Grading with Optimas PlanMatic is possible by both backward and forward movement. Many customers use the forward motion to roughly distribute the material at height, even into the corners if necessary. Final height is levelled by backward movement of loader.

All system components (laser, cross slope, ultrasonic) can be combined. The ultrasonic sensor automatically measures the final height, using as reference the ground, a cord or a kerb. Fully automatic side flaps reduce correction works. The screed can be controlled manually or fully automatically.



Technical data:*

Basic width: 1.40 m
Working range: 1.40 to 2.00 m
1.70 to 2.30 m (2 extensions of 0.15 m each)
2.00 to 2.60 m (2 extensions of 0.30 m each)

Weight: 670 kg

Basic width: 2.00 m
Working range: 2.00 to 2.60 m
2.30 to 2.90 m (2 extensions of 0.15 m each)
2.60 to 3.20 m (2 extensions of 0.30 m each)

Weight: 780 kg

Cylinder stroke: 280 mm

Operating voltage: 12 and 24 volts

Accuracy ± 4 mm

Other: Bottom blades changeable, side flaps hydraulically adjustable 300 mm (fully automatic in Trisonic mode)

*Subject to technical modifications

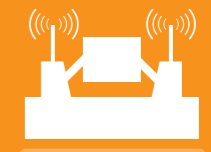
PlanMatic „PRO“ control system

- Software individually developed for Optimas PlanMatic.
- Only one operating unit (Joystick with large display) shows only the information relevant to the operator.
- Very simple operation.
- Up to 46 carrier settings can be stored.
- By pushing of one button only, the screed moves fully automatically to levelled (zero) position and screeding work can start.
- System automatically detects Laser receiver or ultrasonic sensor.
- Leica** receiver and ultrasonic sensors as standard. System also compatible with components from other well-known manufacturers.

Features of Optimas PlanMatic „PRO“:



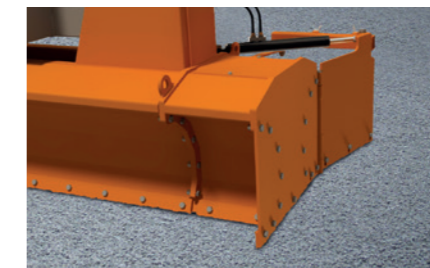
- For wheel-, skid steer, telescopic loaders and tractors
- Grading work done faster
- Less manpower required (1 person)
- Less rework
- Levelling by backward and forward movement - ensures additional time savings
- Compact design - can be used very well even on confined construction sites or in halls
- Levelling even in the corners
- Simple operation - short training period
- Fast assembly and disassembly (2 min.)
- No need to use levelling rails
- Low maintenance (central lubrication)
- Low transport costs
- All system components (laser/cross slope/ultrasonic) combineable
- Side flaps hydraulically adjustable
- Levelling of all base courses - even gravel
- Quick-change coupling for any carrier (optional)



- Available with 3D control (optional)
- Ultrasonic scanner fully automatically controls opening and closing of hydraulic side flaps. Precise driving along the string is no longer necessary
- Additional side flaps at the front in driving direction optionally available: Ideal for roads
- Hydraulically operated folding bucket in the front. (optional).
- Special RAL powder coating (optional)



Optional: Hydraulic folding bucket



Optional: Extensions



Optional: Side flaps at the front in driving direction

Optimas® PlanMatic „Basic“

The perfect solution for all flat surfaces apart from road construction

Optimas PlanMatic „Basic“, a perfect leveller - fully automatically laser controlled - for flat, one-sided and two-sided slope profiles. The grading system can be controlled both manually and fully automatically.

Our simplified version of PlanMatic concentrates on the essentials and impresses with its excellent price/performance ratio.

Typical applications are the levelling of riding arenas, sports fields or tennis courts as well as the levelling of indoor floors.



Technical data:*

Basic width: 1.40 m
Working range: 1.40 to 2.00 m
1.70 to 2.30 m (2 extensions of 0.15 m each)
2.00 to 2.60 m (2 extensions of 0.30 m each)

Weight: 640 kg

Basic width: 2.00 m
Working range: 2.00 to 2.60 m
2.30 to 2.90 m (2 extensions of 0.15 m each)
2.60 to 3.20 m (2 extensions of 0.30 m each)

Weight: 750 kg

Cylinder stroke: 280 mm

Operating voltage: 12 and 24 volts

Accuracy ± 4 mm

Other: Bottom blades changeable

*Subject to technical modifications

One-man show:
Hook it, get it, go!