

GLOBAL

The Ultimate Challenge

SELF-PROPELLED ROAD WIDENER



EL1000



Principle

- High motor torque
- Lateral feeding and adjustment of all material types, to the left or right
- 2,50 m transport width
- High flow rates
- Self-propelled
- Multiple use

Materials implemented

- Unworked gravel-sand mixtures
- Stabilised gravel-sand mixtures
- Cold mixes
- Hot mixes (with special optional strip)
- Topsoil...

Implementation thickness

- 30 cm with respect to rolling level, implemented to the left or right

Average output

- Higher than 800 t/h, according to the materials used

EL1000 characteristics

Weight

- Unladen weight 22.000 kg

Working dimensions

- Length 8.600 mm
- Width 3.800 mm
- Height 3.500 mm
- Wheelbase 4.800 mm

Engine

- Diesel Phase 3, EPA Tiers 3
- 4 compressed Turbo cylinders
- Power as per 2004/26 EC: 92 kW at 2.100 rpm

Capacity

- Hopper 3,5 m³
- Fuel tank 300 l
- Hydraulic tank 300 l

Drive

Hydrostatic with variable flow rate and electrical control

Two-gear gearbox and two-speed engine

Two driving axles driven by cardan shafts

Four drive and steering wheels in pairs (+/- 20°)

Speeds

- Work 0 – 22 m/min (2 ranges)
- Travel 0 – 14 km/h (2 ranges)

Tyres

- Front/Rear 15 R 22,5

Brakes

Hydrostatic brakes on all four wheels

Underpressure disc handbrake at the rear axle inlet

Service drum brake with hydraulic control on the rear wheels

Steering

2 drive and steering axles

Front axle with ORBITROL control

Rear axle with throttle control

Front receiving hopper

Equipped with pusher rollers

Hydraulic lift for loading on float

Hydraulic lift of the front shutter

Internal working width 3,20 m

Conveyor

- 800 mm wide conveyor belt
- Drive by hydraulic motor
- Variable speed 0 to 3 m/s
- Reversible direction of travel

Blade

Spreading width up to 3,20 m according to materials used

Collapsible into the machine jig for transport

Made up of bolted components

Component with hydraulic extension (30 cm travel)

Hydraulic adjustment of height (+/- 30 cm)

Adjustment of hydraulic (+/- 10°) + mechanical (+/-5°) slope

Management and electrical system

- Electrical control
- Management by PLC and bus CAN link
- 12 V operating voltage
- 1 unit 175 Ah battery

Standard equipment

Driver's stand with high visibility, offset positioned, to the left or right according to working direction, roof made of flexible canvas with translucent sides, removable for transport; Management by PLC; Emergency stop buttons; Back-up alarm

Optional equipment

Rear brush; Strip for hot mixes; Jib attachment for component handling; Air-conditioned cab; Hydraulic predispositions for options; Blade extension; Automatic levelling system; Articulated girder for pusher rollers

Transfer dimensions

- Length 11.000 mm
- Width 2.500 mm
- Height without cab 3.200 mm



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