



CHIPSEALER T



CHIPSEALER CT



CHIPSEALER A



CHIPSEALER 42

CHIPSEALER Models

Depending on the work to be carried out, the chip supply mode is a choice criterion. Operating in a forward direction with a single operator sometimes requires remaining in the clearance zone, especially to guarantee safe passage under bridges, cables or trees.

Horizontal container CHIPSEALER

The CT Chipsealer is fitted with a horizontal conveyor-fed hopper. This very simple method has proven its worth for many years and makes it possible to remain inside the truck clearance zone, even when working. It also makes it possible to maintain stability, whatever the load level, thanks to its very low centre of gravity. This model is fitted with a telescopic spray bar and spreader that can extend to up to 4.50 m.

The CHIPSEALER 42 is mounted on a semi-trailer that can support a working load of up to 44 tonnes.

CHIPSEALER with tipping or half-tipping hopper

The Chipsealer A is fitted with a traditional tipping hopper. It is perfectly suited for multi-purpose work. It is also recommended when the road type requires high ground clearance.

The CHIPSEALER T with a half-tipping hopper makes it possible to work 80% of the time in a low position without extending higher than the tank.

It is fitted with a telescopic spreader unit that can extend to up to 4.50m.

Available equipment

Versatility and autonomy are two fundamental criteria for a Synchronous Chipsealer. The machine can be fitted with a loading arm.

A pre-compacting system is also available to carry out the three operations simultaneously (binder spraying, chip spreading and compacting).

Finally, removability also makes it possible to use a single carrier chassis for two items of equipment.



Pre-compacting (Option available only for Chipsealer A)



Loading arm (option)



Removability (option)

| RGS on carrier | Carrier | Spreading width | Binder capacity | Chip capacity | Chip supply |
|----------------|-----------------|-----------------|------------------|-------------------------|---------------------|
| Chipsealer A | 2, 3 and 4 axle | 3.20 m | 3,500 to 9,000 l | 4.5 to 9 m ³ | Tipping hopper |
| Chipsealer T | 2, 3 and 4 axle | 3.20 m to 4.40m | 3,500 to 9,000 l | 4.5 to 9 m ³ | Half-tipping hopper |
| Chipsealer CT | 3 and 4 axle | 3.20 m to 4.40m | 4,000 to 9,000 l | 4.5 to 9 m ³ | Conveyor-fed hopper |

| RGS on a semi-trailer | Spreading width | Binder capacity | Chip capacity | Chip supply |
|-----------------------|-----------------|-----------------|-------------------|---------------------|
| Chipsealer 40 | 3.80 m | 6,000 l | 12 m ³ | Tipping hopper |
| Chipsealer 41 | 3.80 m | 6,000 l | 12 m ³ | Conveyor-fed hopper |
| Chipsealer 42 | 4.40 m | 9,000 l | 12 m ³ | Conveyor-fed hopper |

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CHIPSEALER Simultaneous Sprayer Spreader



Document not contractually binding due to the continuous improvement policy applied by SECMAIR - (03/2016)

A synchronous sprayer spreader (Chipsealer): for what type of work?

Since the Chipsealer was invented by SECMAIR in 1982, its use has considerably evolved. Indeed, from at first being designed for patch repair, it has become an essential equipment for many other activities. Consequently, Chipsealer specifications must be carefully defined depending on the type of work to be carried out.

The main type of works a Chipsealer can carry out are multiple:

- Tack coats before slurry spreading,
- Temporary coating and impregnation layers,
- Surface dressing,
- Patch repair, localised treatments,
- Curative treatment (potholes, regulating, etc.)

The capacities, working widths, operating mode and options will be adapted to each client depending on the type of work.

Furthermore, the work conditions, as well as the "work site" environment also determine the choice of Chipsealer model. (rural or urban roads, mountainous zones or plains, etc.)



Impregnation layers Chipsealer 320A

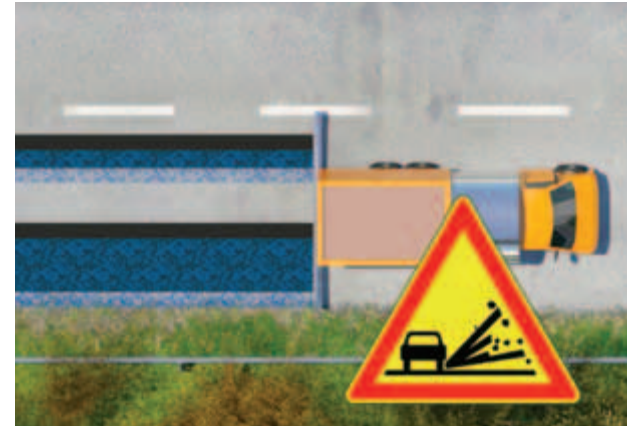


Full section slurry: Chipsealer 440CT

Curative work: Chipsealer 320A Greenswift



Urban work: CHIPSEALER 360 T or CT

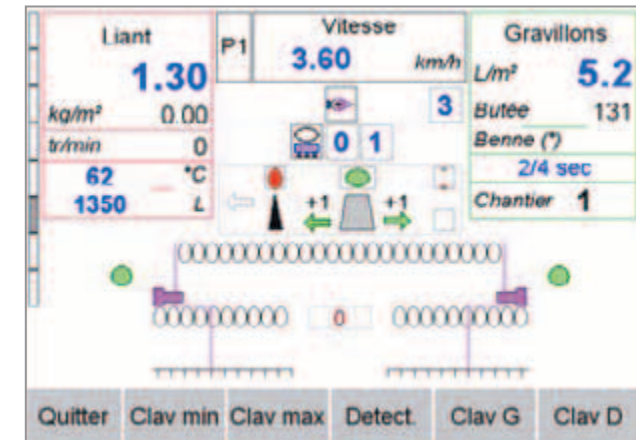


Case of banking without a side offset



Lateral spray bar offset

Dosage computer



Synchronous spraying



Dosage quality

Whatever the type of work, it is imperative to have precise dosage. All SECMAIR line Chipsealers guarantee binder and chip spreading identical to traditional machinery (Sprayer + Spreader).

The sprayer function

The Chipsealer meets the same requirements as binder sprayers. (Test standard on a test bench: NF P 98 726). Its dosage is regulated depending on its travelling speed and the width being treated.

The spray bar is also fitted as a standard with an offset movement, essential when spraying/spreading on banking and curves.

Finally, the spray bar height can be adjusted to guarantee the correct coverage of the jets.

Special case for local treatment

Local treatment, or patch repair are one of the Chipsealer specificities. This is why, if this activity represents a significant proportion of the work, some of the options are essential.

The challenge behind local treatment is accuracy and material consumption: "accurately covering the deteriorated zone".

The correct spreading of the binder over the full width of the patch is also a fundamental issue, both for the aesthetics of the treatment and for its durability over time.

SECMAIR Chipsealers fitted with the NEW PILOT device make it possible to complete accurate patch treatment without over-consuming binder and chips.

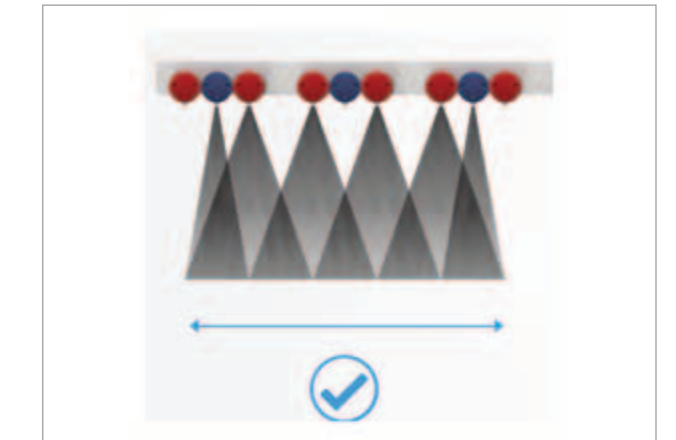
Using a camera placed at the front of the vehicle, the operator inside the cabin can accurately select the zone to be treated using a joystick. The savings compared to a basic pilot device are in the order of 20%.

The DUOSPRAY spray bar fitted with two types of nozzle (main jets and enriching jets) guarantees an optimal coefficient of transversal variation (< 3%).

This system eliminates any ejection of chips on the sides of the patch that is usually found with traditional machines.



Local treatment



DUOSPRAY

NEW PILOT



NEW PILOT

