



SpreaderBoxes

Computer Controlled Spreaders

Australia



the Lenny Spreaderbox

- The 'Lenny' Spreaderbox is a computer-controlled aggregate/chip spreader which is primarily used for road and pavement construction or resurfacing
- 8 years of research and development have been invested in this product
- In May 2000 the prototype was released into operation and subsequent modifications and refinements have since been applied to evolve to the current specifications (International Patents Pending PCT/AU02/00912)

- The system is computer controlled, employing the highest quality componentry
- It is successfully utilised for many applications from small cul de sacs, to sub-divisions and national highways
- Boral and the majority of North Coast Councils use the 'Lenny' Spreaderboxes on a daily basis

Some of the advantages of utilising the 'Lenny' Spreaderbox are:



- Guaranteed spread rate, regardless of speed of truck or angle of hoist
- Machine controlled spreading creates a very high level of accuracy
- 9 Individual 1ft (30cm) gates allow controlled spreadrates, down to a 1ft (30cm) spread width
- Ability to prove spread rates by data logging. Very useful in litigation situations and any situation that requires proof of spread rate, e.g. Quality Assurance Projects
- Reduces waste by over 20% by using less aggregate & precoat than manual or automatic spreading
- Operator friendly. Simple controls allow for minimal training, allowing anyone to be the operator
- Data linkage via internet modem allows for remote technical support/backup
- Significantly reduces margin for human error
- Reduces rolling time and sweeping/suction time
- You only need to spread over an area once

**Safe
& Cost
Effective**

The 'Lenny' Spreaderbox has been described as the most exciting thing that has happened to the spray seal industry in over a quarter of a century.

Bill Brown, Boral Asphalt

ABOUT THE INVENTOR



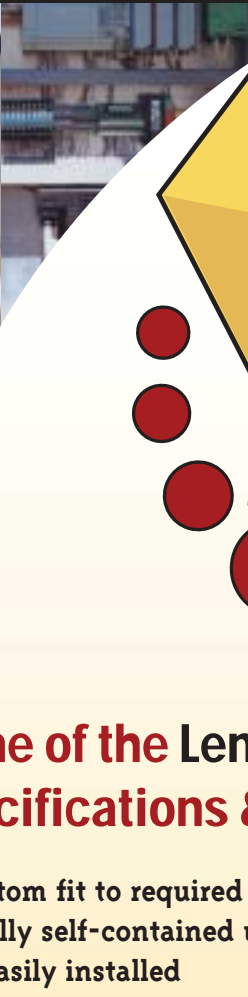
John Crampton

JOHN CRAMPTON is the creator of the 'Lenny' Spreaderbox. John has been in the business of road resurfacing and building in Australia for 24 years, with the past 15 specifically focussed on tipper trucks used in resealing & pavement work.

John's experience combined with that of his father (Lenny), who has over 40 years experience, led to the development of the prototype released in May 2000. Three years later, after consistent testing and modifications, the current fail-safe unit is in general production and usage. This equipment has been developed by people that use it every day. They have created the technology to support the product, rather than the technology defining the product.

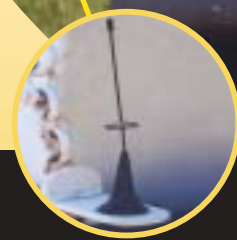


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some of the Lenny Spreaderbox specifications & features

- Custom fit to required truck width
- Fully self-contained unit
- Easily installed
- Quick release mounting points
- Removable by one operator within minutes, to allow for standard tipper truck functions to be maintained
- Self supporting legs with wheels for easy storage
 - Data logging capabilities via mobile modem
 - Remote trouble shooting capabilities via mobile modem
 - 'Real time' tracking functionalities
 - Totally washable weather-proof unit





safety features

- The protective operator's platform meets with Australian work cover specifications
- An uninterrupted hands-free hard-wired intercom system exists between the truck driver and box operator at all times
- ADR specification sealed beam tail lights
- Three possible modes of operation:

1 Operator on the back of the truck in the protective platform with hard-wired uninterruptible intercom communication with driver. This mode of operation exists to provide the user with immediate view of operations for maximum safety awareness



2 Portable console moved to inside the cab and operated from passenger seat by an individual, separate to the driver, using the video guidance system

3 Truck driver operates the 'Lenny' Spreaderbox alone while driving, using console in cab and video guidance system

operator's console

- Portable, relocatable, lightweight, heavy-duty unit
- Fits into operator's platform on back of vehicle & into truck cabin
- Single heavy duty industrial plug connection
- Simple self-explanatory operating system
- Substantially reduces long-term training requirements
- One hit emergency stop button



video guidance system

- 3 cameras, strategically placed on the back of the truck for optimum vision
- Slim, high resolution state of the art monitor which mounts neatly on the cab dashboard
- Auto rotates between camera views
- Manual control mode also available
- Camera dimensions: 85mm w x 40mm h x 44mm d
- Monitor dimensions: 195mm w x 138mm h x 57mm d



AUSTRALIAN MANUFACTURED, OWNED & OPERATED




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International Patents Pending
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