



**DENNIS EAGLE**

# ELITE 2



*advancing safety one step at a time*

safer : greener : more productive

ELITE 2

**DENNIS EAGLE LTD**

Dennis Eagle Ltd is a privately owned manufacturer of custom built refuse collection vehicles and equipment located in the UK. They are owned by Ros Roca – a large multinational conglomerate specializing in providing environmental solutions on a global basis. Dennis Eagle is the number one manufacturer of refuse collection vehicles in the UK, and one of the world's largest specialty vehicle and equipment manufacturers focused on

the refuse industry. They produce around 800 to 1000 units per year with the majority of them destined for operators in the UK, but increasingly they are shipping these unique vehicles around the world. They are certified to ISO 9001:2008 and ISO 14001:2004. We are proud that Dennis Eagle has selected Western Star Trucks Australia to distribute their line of commercial vehicles in Australia and New Zealand.



**THE ELITE 2**

The Elite 2 is a state of the art bespoke custom vehicle developed from the ground up to meet the demanding requirements of the municipal waste collector. The vehicle's most important and unique feature is its true one step entry and exit cab. Coupled with tall and wide door openings and large well positioned grab handles, the vehicle provides operators with the easiest and safest entry and exit of any vehicle in its class. Furthermore, the nearly flat floor and true stand up height across the full width of the cab allows operators to safely enter and exit the vehicle from the curb side – avoiding risky traffic side entry and exits – a further plus for operator safety. The cab is fully

ECE R29 certified and is manufactured out of Cromwell stainless steel, ensuring a high degree of corrosion resistance and safety. With its largest in class cabin, large glass areas for outstanding visibility, and a complete state of the art mirror package the Elite 2 is designed to make your company more productive and your drivers safer and more comfortable. While the vehicle has been designed to meet the needs of the municipal waste collector, it is available in a wide variety of configurations, ensuring that any operator who is required to enter and exit the vehicle repeatedly can benefit from the Elite 2s unique set of features and benefits.



**CUMMINS ISL ENGINE AND ALLISON TRANSMISSIONS**

When it comes to heavy duty diesel engines and automatic transmissions no one does it better than Cummins and Allison. The ISL Euro V is the latest in mid size engine power from Cummins and has been derived from the proven ISC engine that has been the engine of choice for refuse operators over many years in Australia. The new ISL Euro V variant offers more power and torque with less fuel consumption and better emissions than its predecessor and meets the stringent requirements of Euro V and ADR 80/03 with proven SCR technology. The engine is available in the

base chassis at a rating of 280 hp and in the 8x4 chassis at 320 hp. The Allison 3000 World Series Transmission family is a proven performer whose reliability and durability is legendary and it is available in a wide range of configurations to ensure that your Elite 2s performance will exceed your expectations. Ensuring that both the engine and the transmission are operating at their desired operating temperature is an advanced cooling system, with a unique side by side radiator/charge air cooling configuration that is designed to reduce the chances of radiator/CAC clogging.



**THE CHASSIS**

The heavy duty chassis rides on proven Dana axles front and rear, with a propriety spring suspension on the front axle and a class leading Hendrickson HA4T European style air suspension on the rear. This suspension was developed in Europe to meet severe service customer requirements for a rugged suspension that offers true non-torque reactive performance for better driveline durability and zero steer input for improved road stability and handling. The vehicle is equipped with Knorr- Bremse disc

brakes all around for significantly shorter braking distance and improved stability under braking when compared to vehicles fitted with drum brakes. In addition, disc brakes generally offer increased service intervals and reduce servicing time when compared to drum brakes. The vehicle is fitted standard with an advanced 6 channel ABS system which includes traction control, ensuring that the vehicle can stop safely in less distance and move when it has to regardless of the road and terrain conditions.



best in class comfort and safety

# CONFIGURATIONS

## 4 x 2 RHS



## 4 x 2 Dual Control



## 6 x 4 RHS



## 6 x 4 Dual Control



## 8 x 4 RHS



### Cab

- Low Floor with one step entry
- Stand-up height and walk through
- Cromwell stainless steel construction
- ECE R29 compliant

### Comfort and Safety

- Adjustable air suspended driver and passenger seat with head and arm rest
- Adjustable steering column
- Tinted glass throughout
- Electric windows with dual controls
- Two half-width sun-blinds
- Electrically adjustable/heated rear view mirrors
- Kerb view mirror and front wide view mirror
- A/C standard

### Axles

- Dana axles front and rear

### Suspension

- Front axle twin leaf parabolic with dampers
- Hendrickson HA4 air suspension on drive axles

### Brakes

- Knorr Bremse disc brakes all around with ABS and traction control

### Engine

- Cummins Euro V ISLe 280 hp standard, 320 hp with 8x4 chassis

### Gearbox

- Allison World Series MD 3000, 3500 and 3200 series available

### Fuel System

- 240 litre fuel tank
- 35 litre AdBlue reservoir

### Electrical System

- 24 volt, negative earth
- 70 amp alternator
- 2 Low maintenance 1000 CCA capacity batteries
- Integral roof beacons
- Standard radio/CD player with 4 speakers



**DENNIS EAGLE**

For detailed specifications see individual specification sheets, available from your nearest dealer or visiting Dennis Eagle online.

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**NOTE:** Western Star Truck Australia Pty Ltd (the company) reserves the right to change the specification, design, material, procedures and dimensions of the vehicles described herein without prior notice at any time in the future, in accordance with the company's constant product improvement policy.

*designed with you in mind*