ELITE 6
Overview

www.dennis-eagle.co.uk
ALL-NEW DESIGN FROM THE LOW ENTRY SPECIALIST

The all-new Elite 6 is a direct response to the wants and needs of our customers. Aiming to improve the design of the best purpose-built RCV possible, we set about upgrading the cab design, improving the chassis specification and enhancing our vehicles’ safety features, all while catering to the new Euro 6 environmental standard. We’re proud to bring you the best of British engineering and manufacturing.
ENGINE, DRIVETRAIN & GEARBOX

Packing a 6 cylinder D8K 7.7-litre engine, the heart of the Elite 6 is perfect for RCV operations. Making use of Selective Catalytic Reduction (SCR), Exhaust Gas Recirculation (EGR) and Diesel Particulate Filter (DPF) technology, the engine can deliver a greater torque at lower revs and boasts 280bhp (18t to 26t) or 320bhp (32t) while meeting every element of the Euro 6 standard. Also improved, the Allison Transmission 3000P series gearbox is a 5th generation control system, featuring Park Brake Auto Neutral (PBAN) and an Enhanced Converter Load Reduction (ECLR).
PROTECTING YOUR INVESTMENT

Now safer than ever before, the Elite 6 includes a number of new features to protect your investment and assist your crew on the road: an Electronic Braking System (EBS), Electronic Stability Control (ESP/Anti-Roll), Brake Assist and Emergency Brake Signal. The streamlined redesigned exterior features daytime running lights, plus LED front-of-grille strobes and powerful integrated LED corner cab beacons. The premium build quality continues with an aluminium constructed fuel system, available with a range of tank capacities all featuring anti-siphon, anti-spill and anti-theft technology.
Purpose-built for urban operations, the remodelled panoramic cab offers an unparalleled standard of driver visibility and cyclist safety, while the low driving position and narrowed ‘A’ and ‘B’ posts aid peripheral vision for an unobscured view. The reworked interior boasts a new steering column, dash layout and stalk controls, while the single-step low entry and unobstructed walkthrough cab floor provides unrivalled ease of entry/exit for the crew.
SUSPENSION & LOAD SENSE

Concentrating on ride and handling, the Elite 6 now has a much improved suspension system. Standard width models are now fitted with full air suspension to both front and rear axles as standard*, while narrow width vehicles have air assist suspension to the front and full air suspension to the rear. The Elite 6 is also fitted with our brand new LoadSense technology. Acting as an integrated axle overload protection system, complete with packer cut out, LoadSense ensures that your vehicle performs safely on the road and adheres to legal limits.

*Rubber suspension as standard on 6x4. Rear air suspension optional.
CHASSIS WIDTH
Dennis Eagle understands that each of our customers have differing operational environments that present their own unique challenges.

Our wealth of experience has allowed us to develop a product portfolio that is truly bespoke to the waste collection industry. As the only manufacturer to offer a low entry chassis in multiple width variants, Dennis Eagle is confident that whether you have tight urban streets, narrow rural lanes or wider carriageways, we have a solution that can meet your needs.

NARROW WIDTH
- Is ideal in built up urban areas, narrow access roads or country lanes
- Is less likely to make contact with the kerb or parked cars which means reduced tyre and insurance costs
- Gives maximum payload due to reduced unladen weight
- Offers improved packing due to using the same force as the standard over smaller surface area
- Enjoys the stability & comfort of front ‘Air Assist’ suspension and rear air suspension

STANDARD WIDTH
- Features a wide range of axle configurations, enabling flexibility of operation
- Is compatible with a range of Dennis Eagle and other manufacturers bodies
- Achieves greater volume when combined with our standard width body. This is useful when volume is more important than payload i.e. when collecting light but bulky materials such as plastic and cardboard
- Enjoy the stability & comfort of front air suspension and rear air suspension

WHEEL PLANS

DENNIS EAGLE
RosRoca