

# ASTRA HD9 64.42T

## HEAVY-DUTY 6X4 TRACTOR HEAD

### TECHNICAL DATA SHEET

Manufacturer Specification

#### CONFIGURATION

6x4 Heavy Duty

#### MAX POWER

420 HP (309 kW)

#### GVW (TECHNICAL)

40 Tonnes

#### GCW (TECHNICAL)

104 Tonnes

### GENERAL SPECIFICATIONS & DRIVETRAIN

|                   |                                                                      |
|-------------------|----------------------------------------------------------------------|
| Brand & Model     | ASTRA Veicoli Industriali – HD9 64.42T                               |
| Emission Standard | EURO 3 (Export / Non-EU Countries)                                   |
| Drive Position    | Left Hand Drive (LHD)                                                |
| Wheelbase         | 3,500 mm + 1,450 mm (Rear overhang: 800 mm)                          |
| Axle Capacities   | Front: 8 Tonnes / Rear: 16 Tonnes + 16 Tonnes (Total 40 T @ 70 km/h) |
| Engine Output     | 420 HP @ 1,900 rpm – Cruise Control included                         |
| Gearbox           | ZF manual gearbox with 16 forward speeds and 2 reverse gears         |
| Tires             | Pirelli 13R22.5 – Single front (FG01), twinned rear (TG01)           |
| Rear Axle Ratio   | Ratio V - 1:5.009 with rear differential lock                        |
| Cab Type          | AT - Sleeper Cab (2 doors, 2 seats, 1 bed)                           |
| Cab Color         | White IC 194                                                         |
| Electrical System | 2x 180 Ah batteries, 90A alternator, manual cut-off switch           |

**Special Heavy-Duty Architecture:** Engineered for extreme conditions. Features a reinforced tractor subframe, vertical exhaust stack, heavy-duty double-stage air filter with cab-roof air intake, and heated SEPAR EVO-10 fuel pre-filter.

■ CHASSIS & MECHANICAL COMPONENTS

|                  |                                                                              |
|------------------|------------------------------------------------------------------------------|
| Front Suspension | 4 parabolic/semi-elliptical leaves (24x90 mm) with hydraulic shock absorbers |
| Rear Suspension  | Heavy-duty semi-elliptical – 10 leaves (25x100 mm) (Option 052)              |
| Stabilizer Bars  | Stabilizer bar on the 1st axle of the 3 axles                                |
| Braking System   | Drum brakes with ABS + EBL (Electronic Brakeforce Limitation)                |
| Fuel Tank        | 600 Liters steel tank, heated SEPAR EVO-10 gasoil pre-filter                 |
| Fifth Wheel      | 3.5" heavy-duty fifth wheel (JOST JSK38C-1) (Option 080)                     |

■ INCLUDED EQUIPMENT & FACTORY OPTIONS

|                                                           |                                                                    |
|-----------------------------------------------------------|--------------------------------------------------------------------|
| <b>002</b> Air conditioning system                        | <b>003</b> External sunvisor                                       |
| <b>009</b> Electric battery cut-off switch                | <b>042</b> High-capacity 600-liter fuel tank                       |
| <b>048</b> Anti-lock Braking System (ABS)                 | <b>052</b> Rear semi-elliptical suspension - 10 leaves (25x100 mm) |
| <b>080</b> 3.5" fifth wheel coupling (JOST-JSK38C-1)      | <b>190</b> Provision for gearbox PTO (Power Take-Off) control      |
| <b>253</b> Speed limitation 1st threshold (90 km/h)       | <b>260</b> No speed limitation 2nd threshold                       |
| <b>274</b> SEPAR EVO-10 fuel pre-filter / water separator | <b>284</b> Tyre inflation hose included                            |
| <b>322</b> Front lights reinforced protection grid        | <b>350</b> 7-pin trailer electrical plugs                          |
| <b>443</b> Radio provision (antenna and wiring)           | <b>467</b> Heavy-duty subframe dedicated for tractor configuration |

■ ONBOARD KIT & STANDARD ACCESSORIES

|                  |                                                                 |
|------------------|-----------------------------------------------------------------|
| Driver Seat      | Air-suspended high-comfort driver seat                          |
| Maneuvering Hook | Front heavy-duty maneuvering towing hook                        |
| Spare Wheel      | Complete spare wheel 13R22.5 (supplied without winch)           |
| Tool Kit         | Standard tool kit + hydraulic jack                              |
| Documentation    | Use and maintenance manual + spare parts catalogue (in English) |

