



SCANIA HEAVY TIPPER

# A POWERFUL PARTNER



**SCANIA**

# TIME FOR SMARTER SOLUTIONS



Many parameters determine the productivity and profitability of a mine. With a holistic approach and an understanding for the underlying details, we provide the knowledge and experience that will take your mining business to the next level.

# MAINTAINING PRODUCTIVITY

At Scania, we always try to see the bigger picture. By detecting, analyzing and continuously optimizing critical points of the mine, we create smart, tailored solutions that lead to higher availability, increased productivity and better profitability.

Our tailored product offering, on-site services and real-time data collection and monitoring work together to improve your total operating economy.

## Tailored products

Scania's modular system is renowned for being one of the most versatile in the vehicles industry. The interchangeability between Scania components enables us to tailor any vehicle according to each customer's unique demands. In addition, the need of fewer components improves parts availability and makes stock handling easier.

## On site services

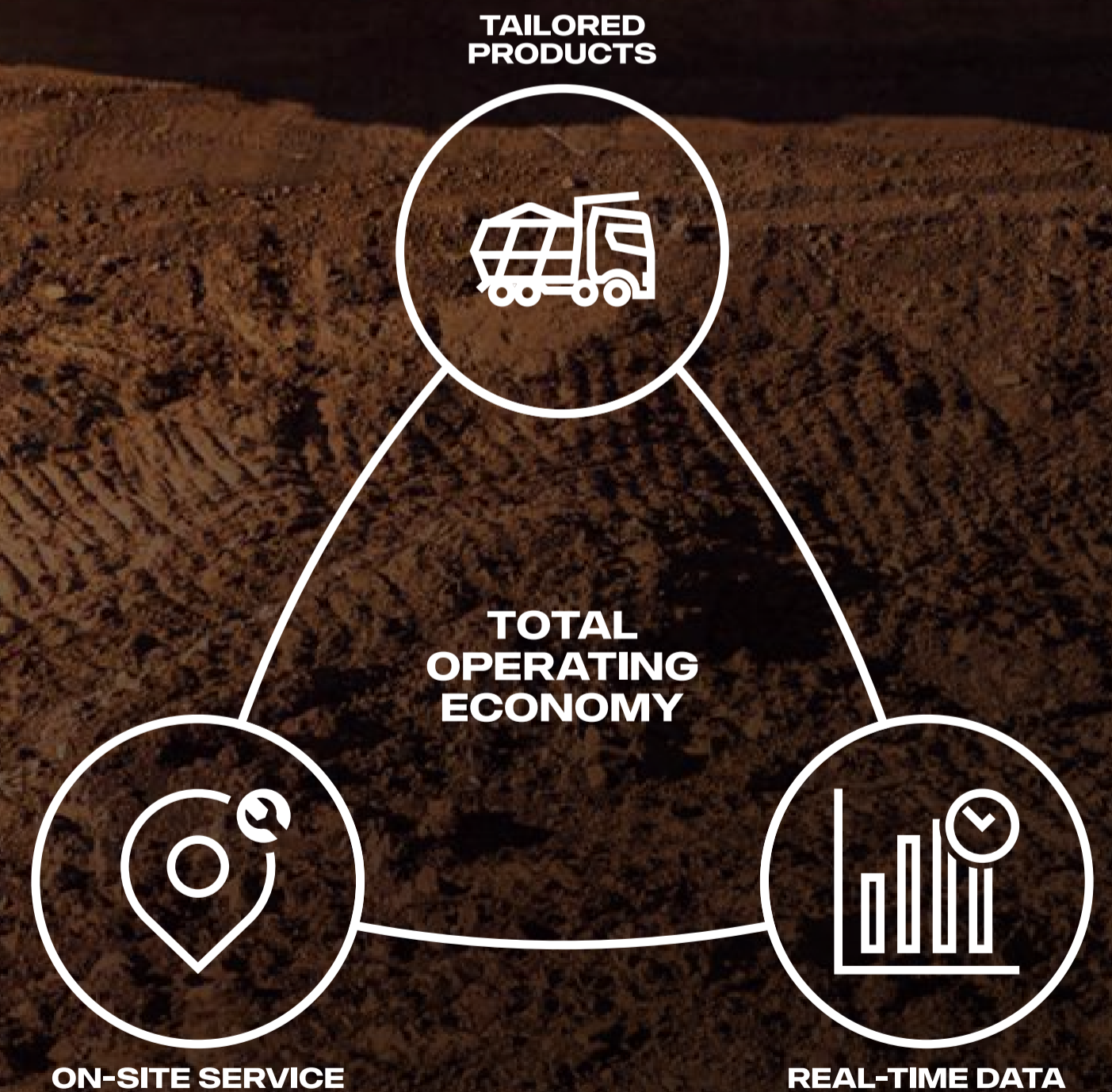
Your vehicles need to be on the move at all times. However, challenging mining environments can lead to more idle time. Scania's on-site driver and vehicle services are designed to maximise uptime and keep your operations flowing – in even the harshest conditions.

## Real time data

We apply our expertise within lean production to help you identify waste and problem areas across your cycle. Focusing on time, load and road factors, we'll work with you to ensure optimal productivity and operating costs from load to supply

## Total operating Economy

Together these three corner stones build the foundation for better mining flow, increased productivity and improved total operating economy, in other words, better long-term profitability.



We provide people, methods, tools, and information to increase productivity, reduce costs, and manage risks better in mining operations.

# THE TAILORED OFFER

## G500 XT 8X4 HEAVY TIPPER



### DIMENSIONS

Wheel base.....5475 mm  
Overall length.....9712 mm  
Overall width.....2600 mm  
Overall height.....3935 mm  
Bogie distance.....1450 mm

### WEIGHTS

#### LADEN CHASSIS WEIGHT WITH BODY (As per CMVR)

Front axle.....14000 kg  
Rear axle.....21000 kg  
Total.....35000 kg

### ENGINE DC13 155 / 500 hp

Type.....Inline Engine  
No. of Cylinders.....6 Cylinders  
Engine Displacement.....12.7 litres  
Max. Power.....500 Hp @ 1900 rpm  
Max. Torque.....2550 Nm @  
1000-1300 rpm  
Injection system.....XPI Injection System  
Emission norms.....Euro 6 / BS VI compliant  
with only SCR technology

### CLUTCH

Clutch Type.....Single Dry Plate Clutch  
Clutch Actuation.....Electro hydraulic  
Clutch plate diameter.....430 mm

### GEARBOX GRSO935

Type.....Range Splitter gearbox  
with Overdrive  
Gear shift.....Scania Opticrusie with  
program lay shaft brake  
No. of Gears.....14F+2R  
Crawler Gear.....2 Numbers

### ADBLUE AND FUEL TANK

AdBlue Tank Capacity.....80 Litre  
Fuel Tank Capacity.....395 Litre

### SUSPENSION

#### FRONT

Type.....Parabolic  
No. of leaf.....5 no's with heavy  
springs duty hydraulic shock  
absorbers and anti roll bar.

#### REAR

Type.....Trapezoidal extra wide  
bogie suspension  
No. of leaf.....8 no's with heavy  
springs duty Anti roll bar.

### AXLES

#### FRONT

Forged I beam reverse Elliot high mounted  
axle

#### REAR

Tandem bogie axle with Hub reduction  
Ratio 7.63:1

### BRAKES

Dual circuit pneumatic drum brakes.  
Automatic Slack adjusters.  
ABS Off Road Mode.  
Traction control System.  
Manual and Automatic exhaust brake  
control with two step operation.

### TYRES & RIMS

Wheel rim.....6 Ton Capacity  
Rim Size.....8.5 X 24  
Tyre Size.....12 - 24, 20 PR  
One complete spare wheel rim and tyre provided

### ELECTRICAL SYSTEM

Voltage.....2 X 12 V  
Battery Capacity.....140 AH  
Alternator.....100 A

### STEERING SYSTEM

Hydraulic power assisted steering wheel  
Steering wheel dia.....450 mm  
Pneumatically Adjustable Steering wheel  
Angle.....0-52 degrees

### CABIN CG 14L INTERIORS

Air Conditioned Cabin  
Engine hour meter Analogue  
Other features

- Fuel consumption display
- Scania Driver support system
- Auto engine shut down
- DPF filter Regeneration trigger
- DPF filter Clogging Indicator

### EXTERIORS

Tinted Windscreen  
Heavy duty steel bumper -40 Ton  
4 point suspension  
End outline Marker lamps

### TIPPER BODY

U type Rock Body for Over burden\*  
Payload.....38000 kg  
Mean length.....6191 mm  
Width.....2354 mm  
Height.....1642 mm  
Body Material.....Hardox 500 TUF/ Hardox 450  
Tipping angle.....48 Degrees  
Hydraulic cylinder.....Hyva FE169-4  
Oil tank capacity.....120 L

\*Cladded body option available based on  
request and availability.

Note : In keeping with our policy of continual improvement, we reserve  
the right to modify the specifications without prior notice

SCANIA CONNECTED SERVICES

## MANAGE YOUR ENTIRE FLEET



Our Fleet Management System gives you a lot more of both information and insights than just free monitoring reports. From core necessities like real time positioning, via vehicle performance, environmental reports, service planning and defect reporting all the way to driver evaluation which helps you quickly identify potential vehicle usage improvements that could be achieved via driver coaching.

## DRIVER COACHING

### Benefits :

- Training tailored to your operation and specific transport type
- Substantial fuel savings
- Increased Productivity and Uptime
- Reduced emissions
- Increased road safety
- Decreased wear on both tires and powertrain
- Reduced service & maintenance needs



### Scania Service Portfolio

Portfolio allows our Customers to focus on their core business and we take care of maintenance and repair.

### Scania Genuine Parts- Peace of Mind

Scania Genuine Parts and our strong Service organization contribute to improving the operating economy of our customers and the uptime of their vehicles.

### Scania Service Exchange - Sustainable Option

Service Exchange parts are of the same premium quality as brand - new Scania parts. Scania Service Exchange is the cost effective way to get your vehicle back on road quickly - and keep it there.

### Scania Genuine Oil and Fluids - Ultimate Protection

Scania Oil is engineered to deliver the best possible performance, economy and protection for your engine.



## SERVICE AVAILABILITY

To keep up productivity and profitability, you need the best solution for maintenance, repair and other services. On-site support in the mine can make all the difference.

### Scania Container Workshop Solutions

The solution consists of lubrication and a workshop for component repair. The container are 20ft in dimension and are built to suit the extreme operating conditions. It can be hauled and handled like ordinary shipping containers, they are fully self-supporting and can be stacked. All containers have an external connection for electricity. Once container are in place, you just have to plug and play.

### SSA - Site Support Agreement

Trucks have to be on the move no matter what, even in tough conditions where the running can be for many hours a day. Site support helps in delivering on-site support in mine in order to keep up the productivity and profitability.



## CONTACT US FOR MORE INFORMATION

Note : For safety, reliability and better performance of Scania vehicles, we recommend to get the service done at Scania authorized workshop and use only Scania genuine spare parts.

### **Scania CV India Pvt Ltd**

Plot No.63 (Part), 64, 66,88-97,  
Narsapura KIADB Industrial Area,  
Achhatanahalli Village, Narsapura  
Hobli, Kolar District, Pin - 563 130,  
Karnataka, India

### **South Zone PPS Motors Private Limited**

Survey No.17,18,19,22/2 part,  
34,35,36 and 38, Situated at Pedda  
Amberpet Village,Abudullapurmet  
Mandal, Rangareddy,  
Telangana, 501512  
Mob : 91549 87778

### **North Zone PPS Motors Private Limited**

3066/1, 3069/1, situated at  
NH-39, Nugarh Village, Post Kachani  
Tehsil, Singrauli, Madhya Pradesh,  
486889  
Mob : 91549 87772

### **Central Warehouse Scania CV India Pvt Ltd**

Survey # 101/1, Village Nimji, Taluka  
Kalmeshwar, Dist. Nagpur, 441501  
Maharashtra

### **East Zone PPS Motors Private Limited**

Khata No. 117/258, Laband Bud  
Village, H.Kantapali P.O, Mouza  
Beherapet,  
Jharsuguda, Odisha, 768201  
Mob : 91549 87773

### **Central Zone PPS Motors Private Limited**

Plot No. C-20, Industrial Area,  
Chandrapur MIDC, Maharashtra,  
442406  
Mob : 91549 87771

### **PPS Motors Private Limited**

177 To 182, 8571, R.P.Road,  
Secunderabad,Hyderabad,Telangana -  
500003

### **PPS Motors Private Limited**

Plot No. 614-623, Khata No 98,  
Mouza- Jiyalgora, G.T Road, KG  
Ashram,Govindpur, Dhanbad,  
Jharkhand, 828109  
Mob : 91549 87776

### **West Zone PPS Motors Private Limited**

Sy No 239, TP No 432, FP No 25,  
Shed No 10 and 11, Harikrupa  
Logistics Park, Behind shell petrol  
pump, Aslali, Ahmedabad,Gujarat  
382427  
Mob : 91549 87774