SCANIA RESCUE VEHICLES

EXPERIENCE TO BUILD ON
A century of knowledge to the rescue.

In 1911 the first fire vehicle rolled out of a Scania factory. Since then we have been a reliable partner to bodybuilders and fire fighters all over the world. Through narrow city streets, busy airports, remote forests, and vast oil fields we take part in the daily fight to save lives and property.

Our crew cabs, chassis and engine technology offer flexibility to build on and attention to every little detail. Because just like our fire fighting customers, we leave nothing to chance.
Always ready to get on top of a disaster.

When the alarm sounds, everyone knows the drill. Get the gear. Get in the truck. Get ready. On the scene, the system rolls smoothly. Engines pumping. Ladders rising. Hoses rolling. Every routine, every moment, every detail with one sole purpose – to protect life.
Everyday, more than 100,000 passenger aircraft flights depart the world’s civil airports and land safely at their destinations. Thousands of emergency crews remain on stand-by at each of these airports, many also at military installations. In many of these airports, Scania firefighting vehicles are ready to go at a moment’s notice, ready to provide life-saving support in the event of a disaster, or to help prevent one.

Our powerful engines and the option of all wheel drive in 4x4, 6x6 and even 8x8 configurations can ensure the firefighting vehicle reaches the scene in the shortest possible time, and that our PTOs and auxiliary engines provide plenty of power for pumping at high pressure across significant distances, even when travelling at high speed.

And don’t forget that all Scania firefighting appliances can be driven on public roads, making them easier to service and maintain.
Waiting for the unexpected.

A wide variety of industries require constant protection provided by on-site firefighting capabilities. In Australia, this can range from oil refineries and storage facilities to chemical plants and mines. All of these locations are vulnerable to rapid damage occasioned by fire, so immediate response can be provided by Scania firefighting vehicles, specifically designed, engineered and built to meet the exact needs of the terrain, climate or operating environment. From the extreme dry heat of the Outback, to the humidity of Queensland or the variability of Victoria, Scania industrial firefighting machines are perfectly placed to provide protection.
Man’s oldest enemy.

Bushfire: Australians know better than most the destructive force that can be so easily unleashed, either by Mother Nature or human negligence: A lightning strike or a spark from a brush cutter. Either way, the response must be fast and forceful in order to contain the spread and protect life and property. For Australians, bushfires not only affect the far-flung bush, but critically, the bush surrounding many of our cities and towns.

Scania firefighting vehicles can be equipped to assist in the Australian bushfire season, even providing cool respite in the midst of battle.

As population growth pushes more citizens into the peripheral bush-lands, rapid response and powerful protection become all the more vital.
Scania is well loved by the fire fighters in the service.
Peter Mason, Commander Capability and Performance, SAMFS

The Scania experience has been of a supplier of quality.
John Jenkins, Project Officer Fleet and Procurement, ACT Emergency Services Agency

Local support.
The support we receive from the local guys is outstanding.
Ken Hare, Design Engineer, CFA Fleet Department

Better ergonomic solutions.
Having airbags in the cabin, more safety features, better steps, more handles for getting in and out of the truck, they all make the new trucks easier and safer to work with for crews. They are just better ergonomic solutions.
Stuart Collis, Fleet Development Manager, MFB

Supplier of Quality.
The Scania experience has been of a supplier of quality.
John Jenkins, Project Officer Fleet and Procurement, ACT Emergency Services Agency

Well Loved.
Scania is well loved by the fire fighters in the service.
Peter Mason, Commander Capability and Performance, SAMFS
All crew aboard.

All fire fighting missions start well before the scene of fire. When the call-out comes there is no time for hesitation. En route to the destination work begins. Information is distributed, strategies are formed, and adrenaline levels are building up.

In the comfort of a Scania CrewCab there is nothing to disturb the concentration. In one of the few factory-built crew cabs in the world, every detail is thought out to enhance performance and strengthen the team. Because when every inch of the way counts, every detail matters.
The perfect shapeshifter.

Let’s make one thing clear. We don’t build fire vehicles. Our job is to create the foundation for bodybuilders and equipment providers to build on. That, on the other hand, we do very well. With our unique modular design we can offer endless combinations with few components. We know that every country, every fire brigade, every situation has its own requirements. And we would never let our specifications stand in the way of performance.

Bodybuilder preparation. Our easy-to-build frames offer features such as pre-drilled mounting holes, sub-frame brackets and pre-manufactured pump-space. All to simplify bodybuilding and equipment fittings.

New Bodywork Communication Interface (BCI). Easy to connect and even easier to program.

Compact engine installations. Our integrated engine solution lives up to the highest emission standards, while still offering optimal flexibility in your design. Such as our Euro 6 installation, possibly the most compact on the market.

Braking power. We offer lightweight, effective and well-protected disc brakes, as well as high quality drum brakes.

Springs to trust. Simple robust and secure air suspension solutions, as well as parabolic options for the toughest of conditions.

Wide range of chassis heights. Low, normal, semi-high, or high? Whatever your environment demands, we have the suspension and axle-configuration to fit.

Modular frame. Our modular concept offers almost limitless combinations of rear overhangs, axle configurations, wheelbases, and frame strengths.

Scania Chassis
Power when you most need it.

When lives are at stake reliability is a must. As is torque. And manoeuvrability. And braking power. And effective gear-changing. And...

In other words, our engines and powertrains have a lot to live up to. That is why we have the technology to deliver all the quality you expect. The perfect balance between driveability, startability, and fuel consumption is our trademark. And our comprehensive range of engines have set the standard for an entire industry.

All geared up.

When selecting a Scania, operators can choose a transmission system to suit their needs and driving styles. Scania offers a traditional manual transmission or the option of two- or three-pedal Opticruise automated gear-shifting. Scania's fully automated (two-pedal) gearboxes deliver extra smooth gear-changing and superior acceleration, perfectly matched to heavy vehicles which need to be driven with care under demanding conditions.

Power take-offs in various positions.

Our PTO options include gearbox-driven, engine-driven and flywheel-driven solutions. With our new option for flywheel-driven take-off including clutch, your power will last through hours of water-pumping.

Emission levels.

The Scania engine range offers options in emission levels of Euro 5 and Euro 6.

Power from 250 – 490hp

With a wide range of Scania engines you are always free to choose a powertrain optimised for your needs.

Wide range of PTO options.

Power take-off with gearbox-driven, engine-driven and flywheel-driven solutions.

Optimisation for gear ratio.

We offer a great variation of options for gear ratio optimisation. All to let you optimise your driving under any conditions.
Always there to the rescue.

Few trucks get as much love and care from their owners as fire vehicles. Still, when you need our help, we’re never far away. Scania’s world-wide service network makes sure your vehicles are always ready for the next call-out. Our modular concept and advanced logistics system keep spare parts always readily available. And our generous service packages secure uptime and cost-effective maintenance.

Scania Driver Training.
Our high-quality training programme improves driving and increases safety. Using our courses in vehicle technology, driving technique, and road safety is great way to keep your crew always ready for the unexpected.

Scania Fleet Management.
With our Fleet Management system you can connect all vehicles and fire stations with your administration and gain control over your operations. And of course, lower costs are part of the bargain.

Maintenance and repair with Remote Diagnostics.
Regular maintenance is the easiest way to secure uptime and vehicle availability. Our worldwide network keeps service always close at hand. And with Remote Diagnostics you can diagnose your truck while in operation, giving workshops plenty of time to prepare for your visit.

Scania Assistance
Your Scania is a premium vehicle, built for uptime. But, in the event of an incident, simply call Scania Assistance and speak to our professional team – in your own language. We know your vehicle, and can promptly send out a service vehicle with the right parts and tools. 24 hours a day, every day.
## SCANIA SPECIFICATIONS

### Cabs

<table>
<thead>
<tr>
<th></th>
<th>Short cab</th>
<th>Day cab</th>
<th>Sleeper cab</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Low</td>
<td>Normal</td>
<td></td>
</tr>
</tbody>
</table>

### Gearboxes

#### Range-change gearboxes
- **8 gears.** Light-duty gearbox
  - Options: Scania Retarder

#### Range-splitter gearboxes
- **12+2 gears.** Premium gearbox with two crawlers
  - Options: Scania Opticruise, Scania Retarder

#### Automatic gearboxes

Automatic gearboxes are available in two sizes, together with most of the 5- and 6-cylinder engines.

### Engines

#### Euro 6

<table>
<thead>
<tr>
<th>Swept volume</th>
<th>Power</th>
<th>Torque</th>
<th>Emission</th>
</tr>
</thead>
<tbody>
<tr>
<td>9 litres</td>
<td>250 hp (184 kW)</td>
<td>1250 Nm</td>
<td>EGR, SCR</td>
</tr>
<tr>
<td>9 litres</td>
<td>280 hp (206 kW)</td>
<td>1400 Nm</td>
<td>EGR, SCR</td>
</tr>
<tr>
<td>9 litres</td>
<td>320 hp (235 kW)</td>
<td>1600 Nm</td>
<td>SCR</td>
</tr>
<tr>
<td>9 litres</td>
<td>360 hp (265 kW)</td>
<td>1700 Nm</td>
<td>SCR</td>
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</table>

#### Euro 5

<table>
<thead>
<tr>
<th>Swept volume</th>
<th>Power</th>
<th>Torque</th>
<th>Emission</th>
</tr>
</thead>
<tbody>
<tr>
<td>9 litres</td>
<td>250 hp (184 kW)</td>
<td>1250 Nm</td>
<td>EGR, SCR</td>
</tr>
<tr>
<td>9 litres</td>
<td>310 hp (228 kW)</td>
<td>1400 Nm</td>
<td>EGR, SCR</td>
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</table>

### Axle configurations

- **4x2**
- **4x4**
- **6x2**
- **6x4**
- **8x2**
- **8x4**
- **8x8**
- **10x4 rear-steer**

### PTO – gearbox-driven (clutch dependent)

<table>
<thead>
<tr>
<th>Connection</th>
<th>Ratio</th>
<th>Torque</th>
<th>Max output*</th>
<th>Clock position</th>
<th>Rotates</th>
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<tbody>
<tr>
<td>Pump/Flange</td>
<td>0.82/1</td>
<td>1200 Nm</td>
<td>74/110 kW</td>
<td>5</td>
<td>CCW</td>
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<tr>
<td>Pump/Flange</td>
<td>1.03/1</td>
<td>700 Nm</td>
<td>74/110 kW</td>
<td>5</td>
<td>CCW</td>
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<tr>
<td>Pump/Flange</td>
<td>1.33/1</td>
<td>400 Nm</td>
<td>60/90 kW</td>
<td>5</td>
<td>CW</td>
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<tr>
<td>Pump/Flange</td>
<td>1.06/1</td>
<td>430 Nm</td>
<td>70/100 kW</td>
<td>5</td>
<td>CW</td>
</tr>
</tbody>
</table>

### PTO – flywheel-driven (clutch independent)

| Pump/Flange | 1.0    | 2000 Nm | 120/170/200/250 kW | 12 | CCW |
| Flange**    | 1.0    | 1000 Nm | 120/170 kW         | 12 | CCW |

### PTO – engine-driven

| Pump        | 1.19   | 600 Nm  | 75/142 kW        | 2  | CCW |

*Higher value for intermittent load (max. 15 min) or with oil cooler.
**Possible to engage/disengage when engine is running.
Scania pursues an active policy of product development and improvement. For this reason the company reserves the right to change specifications without prior notice. Due to legal requirements some products and services may not be available. For further information in these respects, please contact Shane Griffin on 0418 514 048 or via email: shane.griffin@scania.com.au