































# SPECIAL FEATURES

## Suspension

- Front: Semi-independent, self-leveling hydro-gas suspension
- Rear: Free-swinging tandem housing

## Articulation hinge and steering

- Articulation hinge with forward-mounted turning ring
- Steering cylinders (2): Double-acting
- The steering is approved according to ISO 5010
- Max. steering angle: 45°
- Ground-driven emergency steering pump

## Driveline

- Full-time 6 × 6 drive with 2 transverse differentials and one longitudinal
- Front axle transverse differential: Limited-slip diff lock with 45% locking ratio
- Rear axle transverse differential: Limited-slip diff lock with 45% locking ratio
- Inter-axle longitudinal differential:
  - Torque-proportioning differential, integrated into the ZF transmission
  - Torque distribution:
    - 1/3 to the front axle
    - 2/3 to the rear axle
    - 100 % lockable
- Tandem housing: Gear driven, free-swinging.  
Provides equal drive to rear wheels and ensures the best possible ground contact – whatever the ground conditions

## Brake system

- Dual circuit braking system
- Approved according to ISO 3450
- All hydraulic-operated brakes with enclosed oil-cooled wet multiple discs on four hubs (braking force distributed to two hubs by tandem gear wheels)
- Spring actuated hydraulic released parking brake, mounted on driveline shaft
- Max. gradient, parking brake: 15°
- Automatic transmission retarder as standard

## Cab

- Approved to ROPS/FOPS standards (ISO 3471, ISO 3449)
- Low interior sound level: 72 dB(A) (ISO 6395)
- External sound level: 108 dB(A) (ISO 6396)
- The cab is centrally located on rubber mountings
- Hand and arm vibrations are less than 2.5 ms<sup>2</sup> (ISO 5349-2)
- Whole body vibration is less than 0.5 ms<sup>2</sup> according to ISO 2631-1
- Superior visibility - for safer operation
- Superior operating controls location
- Adjustable suspended operator seat
- Adjustable steering column
- Climate control – Heater and air conditioning
- Tilting for service access
- All-around hand rails



# STANDARD AND OPTIONAL EQUIPMENT

● Standard ○ Optional

## Engine

- Scania, Stage V compliant, SCR, DPF, water-cooled, diesel engine with VGT turbo charger and air-to-air intercooler

## Hydraulic system

- 1 variable displacement piston pump for steering & tipping
- One return flow filter

## Cab & interior

- Armrest at operator seat
- Headrest at operator seat
- Safety belt at operator and instructor seat
- Adjustable steering column
- All instrumentation in LCD display
- Cigarette lighter
- 12V and USB charging point
- Retractable roller sunblind
- Tinted safety glass
- Sliding window (left & right side)
- Windshield wiper and washer
- Side mirrors
- Protection for rear window
- Emergency steering, ground-driven
- Radio/MP3 and Bluetooth
- Cab tilting system
- Emergency shutdown switch
- Anti-slip steps & platform
- Cool box compartment
- Storage space
- Electronic climate control
- High-comfort seat (vertical and longitudinal suspension)
- Heated operator seat
- Heated mirror
- Electrically adjustable mirrors

## Safety

- Gradient meter with anti-flip-over protection system
- Payload meter & cycle counter
- Wet disc brake
- Rear-view camera
- Hammer for emergency escape
- Hand rails on the fenders
- Seat belt green warning light
- Blue or orange flashing reverse light
- White noise alarm

## Other

- Transmission retarder brake
- Automatic lubrication system
- DEVELON Fleet Management Web (telematic system)
- Mud flaps
- Towing hook, front and rear
- Work light kit (rear and front)
- Webasto heating system (heat up the cooling system)
- Electrical engine heater
- Tail gate
- Fire extinguisher
- First aid kit
- Beacon
- Light bar
- Speed limitation
- Work light kit (rear and front) LED
- Tool kit
- Warning triangle
- Fast fill
- Tire pressure monitoring system (may not be available with all tires)
- Electric diesel refueling pump

## Undercarriage

- Quarry
- Earthmoving
- Flotation tires

Some of these options may be standard in some markets. Some of these options may not be available for certain markets. Please check with your local DEVELON dealer for more information about availability or to adapt your machine to your application needs.



Tail gate



LED lights



Quarry tires



High flotation tires

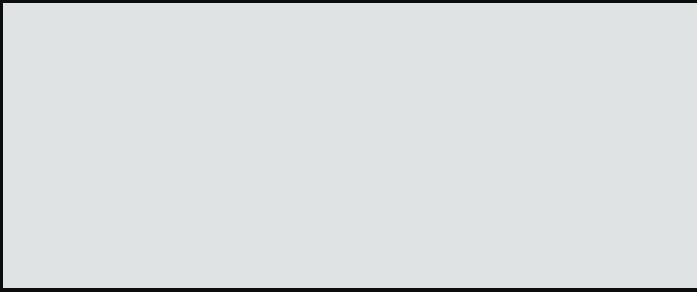


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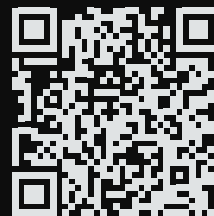
**DEVELON**

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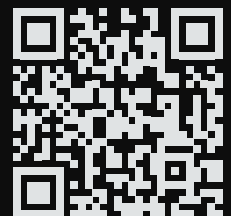


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# DEVELON

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