

# DOOSAN®

➤ ARTICULATED DUMP TRUCKS



**DA 30**

**DA 45**

<b>ENGINE POWER:</b>	370 hp (276 kW) @ 2100 rpm	493 hp (368 kW) @ 1900 rpm
<b>RATED PAYLOAD:</b>	61,730 lbs. (28,000 kg)	90,390 lbs. (41,000 kg)
<b>BODY CAPACITY:</b>	23.3 yd <sup>3</sup> (17.8 m <sup>3</sup> )	34.0 yd <sup>3</sup> (26.0 m <sup>3</sup> )

# Powered by Innovation

Doosan is one of the fastest-growing equipment brands in North America because we take the time to listen and understand our customers' challenges. We focus on building the durable, hard-working equipment you demand. We also work to anticipate tomorrow's challenges and develop innovative ways to help you manage projects more efficiently, work smarter and maintain equipment with less time and effort.

**AT DOOSAN**, we believe innovation can be a revolutionary technology, a timesaving equipment feature or simply a helpful suggestion from a Doosan dealer to solve an everyday problem. Our innovative approach is always based on you and what you need to compete and grow your business — today and in the future.



CONCEPT-X

## LOCAL DEALERS

Our network of dealers continues to grow across North America. These knowledgeable teams are dedicated to your success by offering durable equipment, expert service, reliable parts and trusted advice.

## DURABLE EQUIPMENT

Doosan produces rugged equipment, including crawler and wheel excavators, mini excavators, wheel loaders, log loaders, material handlers, articulated dump trucks and attachments.

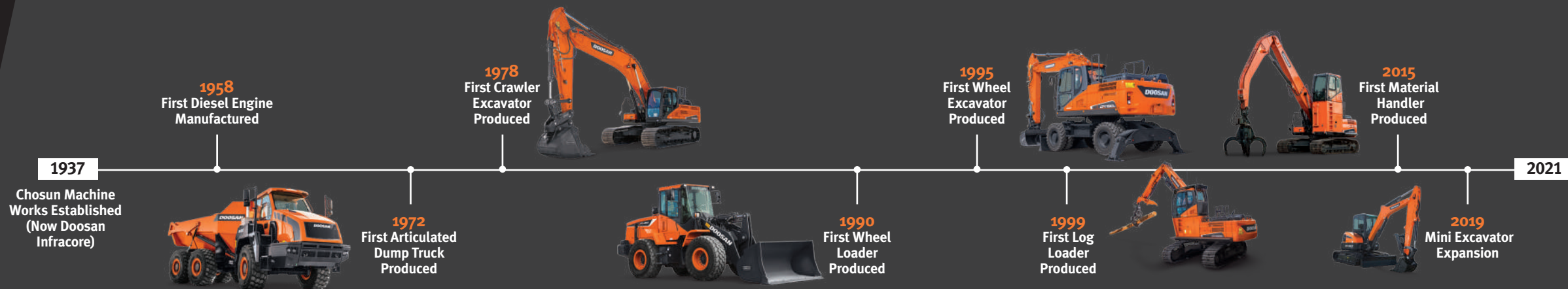
## AVAILABLE PARTS

With two Doosan-exclusive parts distribution centers in Georgia and Washington state, we offer more inventory and faster delivery — including less than two-day delivery on a majority of genuine Doosan® parts.

## INNOVATION

Doosan continues to introduce new innovations using digital technology to help you work smarter and more efficiently.

- + DoosanCONNECT® Telematics and machine monitoring delivers vital equipment data to help you impact productivity and profitability, and alerts your dealer for more proactive service and support.
- + Concept-X, a world first for future jobsite operation, is a comprehensive control solution to survey worksite topography via 3D drone scanning, establish operational plans based on the topographical data, and operate construction equipment without human intervention. See videos of Concept-X in action at [na.DoosanEquipment.com](http://na.DoosanEquipment.com).



**DOOSAN**

# TAKE A TOUR OF THE DA30

**+ Unmatched cab comfort:** Features include ergonomic controls, the most spacious cab in the market, air suspension seat, Bluetooth radio with USB and more.

**+ Ease of operation:** Features give you more information and control including an upgraded monitor, new control panel for added convenience, new active payload measuring system with traffic-light-style indicator, rear view camera and body tip boost button.

**+ More comfortable ride:** The new self-leveling, hydro-gas suspension provides a smoother ride even in harsh conditions.

**+ Excellent maneuverability:** With the unique design of the rear frame, body and front-mounted differential on the transmission, the Doosan machine is the most compact ADT in its class — offering the tightest turning radius and outstanding stability.

**+ Differential:** Featuring front and rear limited slip differentials, the longitudinal differential can be manually locked at the touch of a button.

**+ Built for Rugged Jobsites:** Doosan articulated dump trucks meet Rollover Protective Structure criteria, and include a Body Over Center of Gravity function, fenders and handrails around the cab, superior stability and excellent visibility to the front of the cab.

**+ Strong frame and body design:** These machine features 400 HB steel plates and standard tailgate, body heating and wear plates are also available for added durability.



**DOOSAN**  
**CONNECT**

**Telematics:** Monitor your fleet from anywhere. A standard feature, DoosanCONNECT telematics allows you to monitor the health, location and productivity of your equipment from a user-friendly mobile app and website.

**+ Reliable brake systems:** Doosan ADTs offer oil-cooled wet disc brakes. The standard hydraulic transmission retarder and hydraulic parking brake.



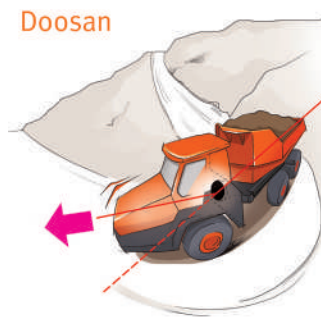
**Maintenance accessibility:** Ground-level filling for fuel, diesel exhaust fluid (DEF) and grease (for auto-lubrication system) allows for easier access. The tilt-up cab with self-positioning locking mechanism provides easy access to filter and oil filling points.

Some equipment shown on the machine may be optional.

# TOP PERFORMANCE AND FUEL EFFICIENCY

## The power to maximize productivity

The Doosan® articulated dump truck lineup offers larger load capacities in their respective weight class categories. Additional load capacities combined with superior power and traction improve productivity. Featuring permanent 6-wheel contact, a free-swinging rear tandem, front-mounted turning ring, independent front wheel suspension and sloping rear frame, these rugged machines provide excellent driving stability with equal weight distribution and superior traction. They're built to perform under the most challenging conditions.



### Engines – lower emissions / same great performance

Doosan ADTs use only proven, reliable and powerful diesel engines with excellent torque, which achieve low fuel consumption.

### New self-leveling hydro-gas front suspension

The DA30's design was based on the successful and proven design of the DA45. It has been upgraded with the self-leveling system for better shock absorption in changing operating conditions.

### Payload meter

Our standard real-life payload & load count meter provides the Doosan operator and owner with an immediate indication of the productivity. External indication lights help load the body more efficient.

### Downhill speed modulation

Powerful hydraulic retarder keeps machine's speed constant on downhills without support of service brakes. Operator can easily adjust the retarder's power by lever or simply pushing the gas pedal.

### Transportability

Thanks to its less than 3-meter width, the DA30 can be moved easily from one site to another. And thanks to the compact design of both machines, a shorter low loader can be used.

### Forward-mounted turning ring

The turning ring is located in front of the articulation point, ensuring equal weight distribution to the front wheels in all operating situations, including maximum turning. The equal weight distribution enables you to use the limited slip differentials with only 45% locking value – ensuring drive to both front wheels in all situations, without completely locking the wheels.

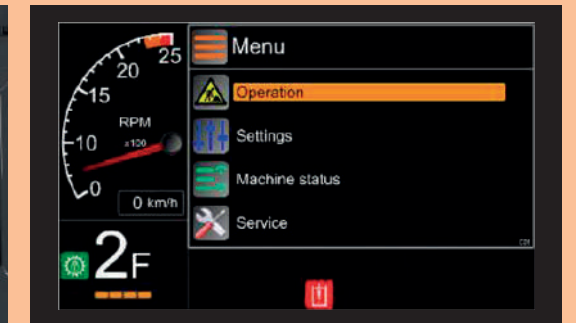
### Traction

The Doosan ADT's unique design offers permanent 6-wheel drive, ensuring stability and equal weight distribution to accommodate all job applications. The Doosan ADTs superior driveline ensures maximum traction and durability.

# SIMPLE MAINTENANCE WITH GREAT UPTIME

## Access main filling points while standing on the ground

Improved simplicity of maintenance and service reduces failure rate and improves lifetime and longevity. Convenient position of liquids' levels check and filling points, easy access to filters and very low number of rubber wearing components significantly reduce labor time.



- Easy access to factory-fitted standard automatic central lubrication system
- Dedicated space for grease cartridge and grease gun
- Easy access to filters

- Diesel and DEF filling points accessible from the ground level
- Diesel tank prepared for fast fill coupler

- LED light indicates when power isolator can be switched off
- Power isolator in convenient and safe location
- External power supply

- Multifunctional display with available service/maintenance functions
- Transmission oil level check
- Status of hydraulic and electronic components

### Filters

All filters are centralized for quicker and easier accessibility.

### Global Doosan network

With a network of Doosan Dealers & Parts Distribution Centers worldwide, your Doosan trucks can be serviced & maintained wherever you are.

### Telematics

The DoosanCONNECT® system is available for reading out vehicle operating & production parameters remotely, and providing you with total ease-of-mind. Keep day-by-day overview on the machine's productivity, status and condition.

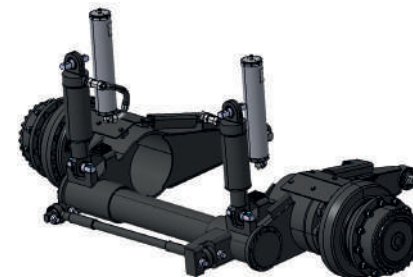


# OPERATE IN COMFORT

## Quietest truck in the industry

The spacious ROPS/FOPS cab is equipped with climate control and a high-quality operator seat with air suspension to provide excellent comfort. Precise steering, good visibility, low noise levels (72 dB(A), ISO6395) provide additional comfort and quiet.

- The sloping hood gives the operator an excellent view
- The cab is mounted on a special rubber suspension to reduce vibration and conduction of noise into the cab



### Best-in-class operator environment

The new DA30 cab was designed based on the feedback received directly from hundreds of Doosan operators. This resulted in upgrade of the cab in features and functions required by the market, including: hand grip on the right side, foot rest, improved storage room, USB charger, Bluetooth radio, all around rails outside the cab, additional lever for retarder control and a number of other new features.

### High-comfort air-suspension seat

Because a highly comfortable seat means a lot to every operator, we provide an air-suspension seat with armrest as standard.

### One key solution

To enter and safely operate your Doosan ADT, you need just 1 key to lock and unlock all the doors and also start the engine.

### Self-leveling, hydro-gas front suspension

New suspension system has outstanding performance in rough terrain due to big shock absorption capacity of the hydraulic suspension cylinders. On top of that, the self-leveling system can adjust to match changing working conditions.

### Storage compartments with extra 12 V power supply

Plenty of storage spaces, plus extra room designed to fit cool/hot box with additional 12V power supply.

### MP3, DAB and Bluetooth

Standard radio supports all modern features like MP3, DAB and Bluetooth

### Climate control

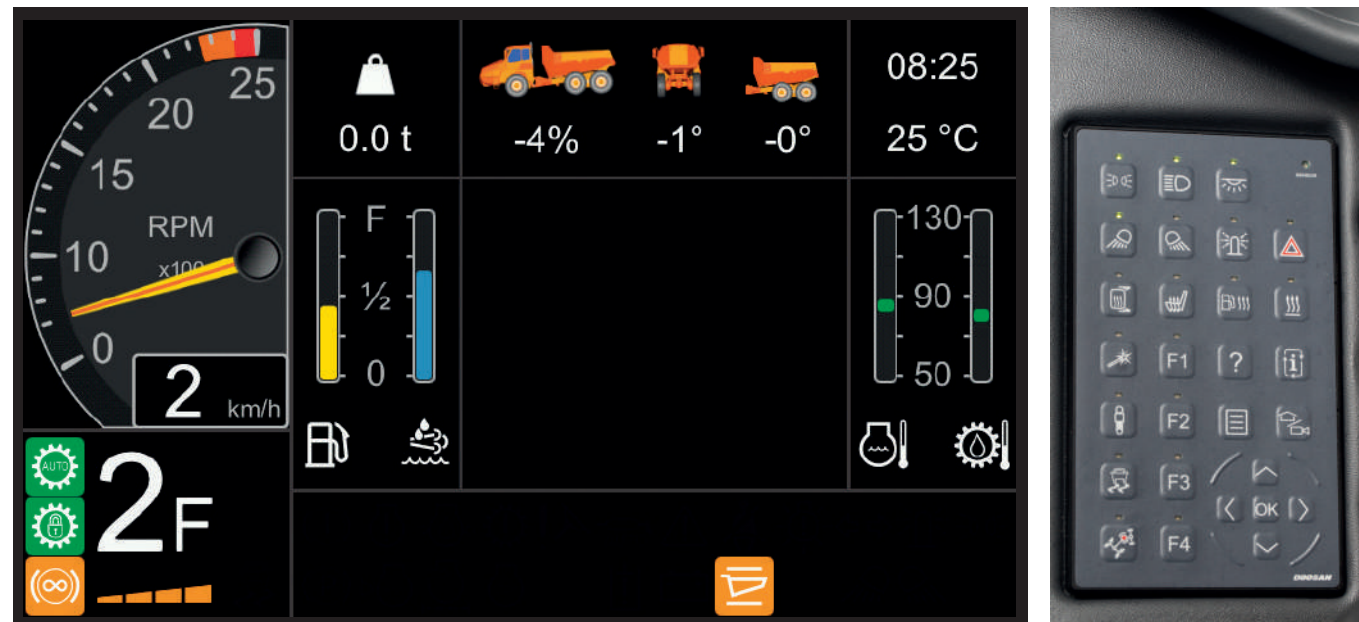
Our specially designed climate control is easy to operate and highly efficient - keeping you comfortable at all times.

# TOTAL CONTROL IN ALL SIMPLICITY

## Operate at ease in your comfort zone

The Doosan ADT is one of the industry's simplest trucks to operate and, at the same time, offers a large number of functions. Comfortably seated in this class-leading operator cab, you'll enjoy easy operation combined with excellent efficiency. And thanks to the upgraded monitor panel, you'll operate in your comfort zone.

- Bigger indications
- Multiple languages
- Integrated payload meter (as standard)
- Diagnostic section with transmission and hydraulic oil level check function
- Gradient meter indication
- Integrated rear view camera



### LCD color monitor panel

- 7" color display, resolution 800 x 480 pixels
- Shows all necessary information for driving and handling the machine
- Rear-view camera image embedded in instrumentation graphics
- Backlight dimming according to ambient light conditions
- Sub-menus for additional and diagnostic functions

### Touch pad

- Diesel fuel heater ON/OFF
- Longitudinal differential lock
- Override button
- Cab roof and mirror arm front lights ON/OFF
- Rotating beacon ON/OFF (optional)
- Operating work-lights ON/OFF

### Differential activation

With automatic limited slip differentials, automatic and manual transmission shift, power steering, "simple touchpad" and "easy to read" display, every ADT is as simple to use and operate as possible.

### Body hoist lever

The new body hoist lever is easy to operate and fingertip controlled. This electronically managed hoist lever incorporates a higher body up speed and an automatic body down feature, with soft touch down, to keep you safe at all times.

### "Tip-tronic" gear shift

To ensure the smoothest possible gear shifts and momentum, you can run the truck in both automatic and manual gears.

### Retarder force modulation lever

New lever located on the right-hand side below the steering wheel enables operator to choose from 4 power modes. On top of that, the gas pedal is responsible for retarder power reduction.



Body hoist lever with boost button

# TECHNICAL SPECIFICATIONS

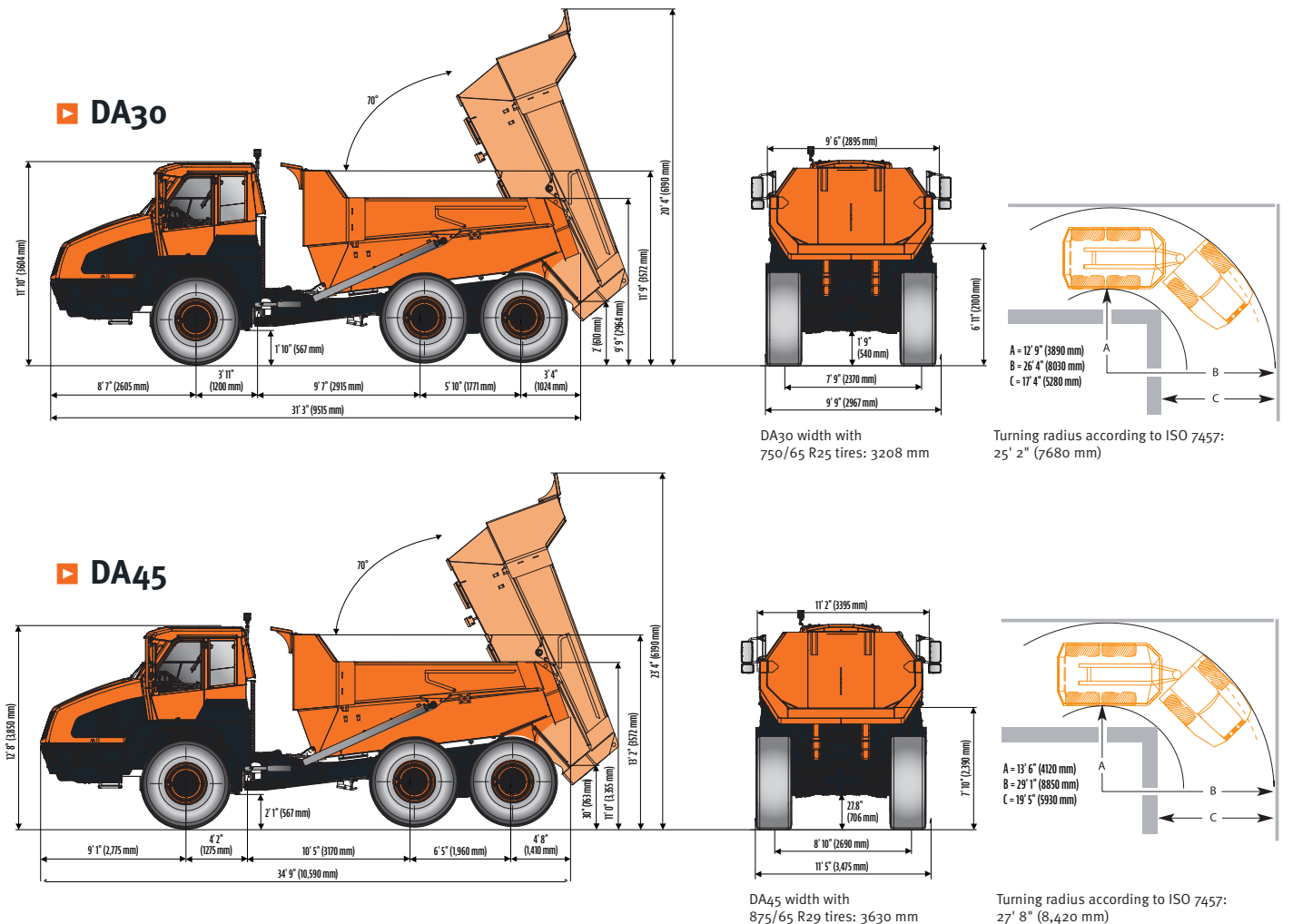
ENGINE	DA30-5	DA45-5
MAKE	Scania	Scania
MODEL	DC09	DC13
NUMBER OF CYLINDERS	5	6
RATED POWER GROSS (HP PER SAE J1995)	370 hp (276 kW) @ 2100 rpm	493 hp (368 kW) @ 1900 rpm
RATED POWER NET (HP PER SAE J1349)	362 hp (270 kW) @ 2100 rpm	483 hp (360 kW) @ 1900 rpm
MAXIMUM TORQUE (GROSS) (SAE J1995)	1381 ft.-lb. (1873 Nm) @ 1300 rpm	1750 ft.-lb. (2372 Nm) @ 1300 rpm
PISTON DISPLACEMENT	568 in <sup>3</sup> (9.3 L)	775 in <sup>3</sup> (12.7 L)
BORE AND STROKE	5.1 in x 5.5 in (130 mm x 140 mm)	5.1 in x 6.3 in (130 mm x 160 mm)
STARTER	24V, 7.4 hp (5.5 kW)	24V, 7.4 hp (5.5 kW)
BATTERY (QTY 2)	2 x 12V, 105AH	2 x 12V, 105AH
ALTERNATOR	24V, 100 amp	24V, 100 amp
AIR CLEANER	Double Elements	Double Elements
<b>HYDRAULICS</b>		
MAIN PUMP	77.7 gpm (294 L/min)	77.7 gpm (294 L/min)
RELIEF PRESSURE (MAIN)	4061 psi (286 kg/cm <sup>2</sup> )	4061 psi (286 kg/cm <sup>2</sup> )
EMERGENCY STEER PUMP	13.2 gpm (50 L/min)	13.2 gpm (50 L/min)
RELIEF PRESSURE (EMER. STEER)	3046 psi (214 kg/cm <sup>2</sup> )	3046 psi (214 kg/cm <sup>2</sup> )
<b>TRAVEL SPEED</b>		
TRAVEL SPEED - FORWARD (8)	3.7 / 5 / 6.8 / 9.9 / 14.3 / 19.9 / 28 / 34.2 (6 / 8 / 11 / 16 / 23 / 32 / 45 / 55)	3.7 / 5.6 / 7.5 / 10.6 / 14.9 / 21.1 / 29.8 / 34.2 (6 / 9 / 12 / 17 / 24 / 34 / 48 / 55)
TRAVEL SPEED - REVERSE (4)	3.7 / 5 / 6.8 / 9.9 (6 / 8 / 11 / 16)	3.7 / 5.6 / 7.5 / 10.6 / (6 / 9 / 12 / 17 / )
<b>ENVIRONMENT</b>		
SOUND LEVEL (PER ISO6395)	107 dB(A)	107 dB(A)
CABIN SOUND LEVEL (PER ISO 6394)	72 dB(A)	71 dB(A)
<b>REFILL CAPACITIES</b>		
FUEL TANK	88.5 gal. (335 L/min)	140 gal. (530 L/min)
DIESEL EXHAUST FLUID TANK	10.0 gal. (38 L/min)	10 gal. (38 L/min)
COOLING SYSTEM (RADIATOR)	11.9 gal. (45 L/min)	13.2 gal. (50 L/min)
ENGINE OIL	9.2 gal. (35 L/min)	11.9 gal. (45 L/min)
TRANSMISSION	17.7 gal. (67 L/min)	18.2 gal. (69 L/min)
FRONT DIFFERENTIAL	2.5 gal. (9.4 L/min)	2.5 gal. (9.4 L/min)
REAR DIFFERENTIAL	Included in Tandem	Included in Tandem
FRONT HUB (2)	2.5 gal. (9.6 L/min)	2.5 gal. (9.6 L/min)
TANDEM HOUSING (2)	40.9 gal. (155 L/min)	60.2 gal. (228 L/min)
REAR HUB (4)	Included in Tandem	Included in Tandem
HYDRAULIC SYSTEM	25.1 gal. (95 L/min)	26.4 gal. (100 L/min)
<b>BODY</b>		
BODY VOLUME (2:1)	23.3 yd <sup>3</sup> (17.8 m <sup>3</sup> )	34.0 yd <sup>3</sup> (26.0 m <sup>3</sup> )
BODY DUMPING TIME	Up: 12 / Down: 10	Up: 10 / Down: 10
LEVEL CAPACITY	<i>WITH TAILGATE</i> 18.6 yd <sup>3</sup> (14.2 m <sup>3</sup> ) <i>WITHOUT TAILGATE</i> 17.8 yd <sup>3</sup> (13.6 m <sup>3</sup> )	26.7 yd <sup>3</sup> (20.4 m <sup>3</sup> ) 25.6 yd <sup>3</sup> (19.6 m <sup>3</sup> )
HEAPED CAPACITY	<i>WITH TAILGATE</i> 23.3 yd <sup>3</sup> (17.8 m <sup>3</sup> ) <i>WITHOUT TAILGATE</i> 22 yd <sup>3</sup> (16.8 m <sup>3</sup> )	34 yd <sup>3</sup> (26 m <sup>3</sup> ) 31.9 yd <sup>3</sup> (24.4 m <sup>3</sup> )
DENSITY INDEX	2806 lbyd <sup>3</sup> (1667 kg/m <sup>3</sup> )	2834 lbyd <sup>3</sup> (1680 kg/m <sup>3</sup> )
<b>HYDRAULIC CYLINDERS</b>		
BODY TILT - QTY 2	4.5 in. x 90.2 in. (115 mm x 2290 mm)	4.9 in. x 102.9 in. (115 mm x 2614 mm)
STEERING - QTY 2	3.9 in. x 21.7 in. (100 mm x 515 mm)	4.5 in. x 21.7 in. (115 mm x 550 mm)

The piston rods and cylinder bodies are made of high-strength steel. A shock absorbing mechanism is fitted at the base of the Body Tilty cylinders and the rod end of the steering cylinders to ensure shock-free operation and extended piston life.

NOTE: Where applicable, dimensions are in accordance with Society of Automotive Engineers (SAE) and ISO standards. Specifications and design are subject to change without notice. Pictures of Doosan wheel loaders may show other than standard equipment. All dimensions are shown in inches. Respective metric dimensions are enclosed by parentheses. Doosan Construction Equipment is manufactured with a Quality Management System that is in compliance with ISO 9001:2008.

All dimensions are given for Doosan wheel loaders equipped with standard tires.

DIMENSIONS	DA30-5	DA45-5
GROSS WEIGHT	112,877 lb. (51,200 kg)	156,749 lb. (71,100 kg)
NET WEIGHT	51,147 lb. (23,200 kg)	66,359 lb. (30,100 kg)
PAY LOAD	61,730 lb. (28,000 kg)	90,390 lb. (41,000 kg)
EMPTY WEIGHT DISTRIBUTION	FRONT AXLE	27,999 lb. (12,700 kg)
	REAR AXLE	23,149 lb. (10,500 kg)
	FRONT/REAR	55% / 45%
LOADED WEIGHT DISTRIBUTION	FRONT AXLE	34,992 lb. (15,872 kg)
	REAR AXLE	77,885 lb. (35,328 kg)
	FRONT/REAR	31% / 69%
<b>GROUND PRESSURES</b>		
EMPTY	FRONT AXLE	15.8 psi (1.11 kg/cm <sup>2</sup> )
	REAR AXLE	7.0 psi (0.49 kg/cm <sup>2</sup> )
LOADED	FRONT AXLE	19.7 psi (1.39 kg/cm <sup>2</sup> )
	REAR AXLE	23.6 psi (1.66 kg/cm <sup>2</sup> )
<b>POWER TO WEIGHT RATIO</b>		
EMPTY	14.16 hp/tn (11.64 kW/t)	14.56 hp/tn (11.96 kW/t)
LOADED	6.41 hp/tn (5.27 kW/t)	6.16 hp/tn (5.06 kW/t)



# SPECIAL FEATURES

## DA30/DA45 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 (two): 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 two 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 acting on all six wheels.
- ▶ 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: 71 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

ENGINE	DA30-7	DA45-7
Emissions, T4 (EPA)	•	•
High Pressure Common Rail (HPCR)	•	•
Cooled Exhaust Gas Recirculation (CEGR)	•	•
Exhaust Brake	•	•
Selective Catalyst Reduction (SCR)	•	•
Diesel Exhaust Fluid (DEF)	•	•
Fuel Filter With Water Separator	•	•
Coolant Recovery Tank	•	•
Dual Element Dry-Type Air Filter With Evacuator	•	•
Electronic Engine Control (ECU)	•	•
Cool Down Mode	•	•
Diesel Powered Coolant Heater	•	•
Block Heater (110v)	■	■
<b>HYDRAULIC</b>		
Variable Displacement Axial Piston Pump	•	•
Cooling Fan - Hydraulic, Variable Speed	•	•
Emergency Steering Pump (Ground-Driven) – Variable Displacement Radial Piston	•	•
<b>CABIN</b>		
Steel, All-Weather & Sound Suppressed	•	•
Rops (ISO 3471)	•	•
Fops (ISO 3449)	•	•
Front Window With Wiper/Washer	•	•
Rear Window	•	•
Tinted Safety Glass	•	•
Visor, Retractable	•	•
Adjustable Sliding Side Door Window	•	•
Defrost	•	•
Lockable Doors	•	•
Seat – Air Suspension, 2" (51 mm) Seat Belt, Adjustable Height & Recline, Adjustable Fore/Aft, Adjustable Arm Rests	•	•
Seat - Heated	■	■
Instructors Seat, Folding	•	•
Storage For Operator's Manuals	•	•
Mirrors – Interior Rear View, Exterior (2)	•	•
Mirror, Exterior – Heater	■	■
Fully Adjustable HVAC	•	•
Multi-Function LCD Display	•	•
Cigarette Lighter	•	•
AM/FM Stereo With CD Player & MP3 Port	•	•
Speakers (2)	•	•
Antenna	•	•
Space For Cooler Box	•	•
Storage	•	•
Power Socket, 12v	•	•
Beverage Holder	•	•
Interior Light	•	•
Guard, Rear Window	•	•
Cab Tilting System	•	•
<b>ELECTRICAL</b>		
System Voltage – 24v	•	•
Alternator – 24v, 100 AMP	•	•
2 x 12v Batteries, 140AH Reserve Capacity	•	•
Blade Type Fuse Panel	•	•
Lights, Work (Halogen): Front & Rear	■	■
Lights, Work (LED): Front & Rear	■	■
Light, Stop, Tail & Direction Indicators	•	•
Rotating Beacon	■	■
Hour Meter	•	•
Rear View Camera	•	•
Laptop Service Port	•	•
Self-Diagnostics System	•	•
Emergency Shutdown Switch	•	•
<b>CONTROLS</b>		
Adjustable Steering Column – Tilting, Telescoping	•	•
Throttle Pedal (Accelerator)	•	•
Brake Pedal	•	•
Gear Selector "Tip-Tronic"	•	•
Body Hoist Lever	•	•
Adjustable Hydrodynamic Retarder Lever	•	•

• Standard ■ Optional — Not Available

CONTROLS (CONTINUED)	DA30-7	DA45-7
Switches, Console Mounted – Key Switch, Park Brake	•	•
Buttons & Indicator Lights, Keypad – Parking Lights, Main Lights, Engine Pre-Heater, Hazard Lights, Rear Axle Differential Lock, Inter-Axle Differential Lock, Retarder Control, Fuel Heater, Heated Seat, Heated Mirrors, Rear Work Lights, Rotating Beacon, Work Lights, Interior Cabin Light	•	•
<b>FRAME AND SUSPENSION</b>		
Articulation Hinge	•	•
Steering Cylinder, Double-Acting (2) – Cushion, Retracting	•	•
Turning Ring, Forward-Mounted	•	•
Towing Hook, Front And Rear	•	•
Sloping Rear Frame	•	•
Independent, Hydro-Gas Cylinder With Pressure Accumulators	•	•
Tires – Radial, 23.5 R25 (Techking)	•	—
Tires – Radial, 23.5 R25 (Various Brands)	■	—
Tires – Radial, 750/65R25 (Various Brands)	■	—
Tires – Radial, 29.5 R25 (Techking)	—	•
Tires – Radial, 29.5 R25 (Various Brands)	—	■
Tires – Radial, 875/65R25 (Various Brands)	—	■
Tire Pressure Monitoring (Certain Tires Only)	■	■
<b>DISPLAY MONITOR &amp; WARNINGS</b>		
Buzzer – Brake System, Parking Brake	•	•
Gauges – Fuel Level, Def Level, Engine Coolant Temperature, Transmission Oil Temperature, Retarder Oil Temperature, Payload Meter, Gradient Meter, Engine RPM, Speedometer, Transmission Gear Indicator, Battery Voltage, Digital Clock, Trip Meter, Hour Meter, Fuel Consumption	•	•
Warning & Indicator Lights – Seat Belt, Error Code, SCR Warning, Check Engine, Engine Oil Pressure, Radiator Coolant Level & Temperature, Air Filter, Fuel Level, Def Level, Lights (High, Main, Work, Beacon), Direction Signal, Emergency Steering, Transmission Mode, Transmission Lock-Up, Transmission Oil Temp, Transmission Gear Indicator, Retarder Oil Temp, Retarder Brake, Engine Brake, Lubrication System, Body Down, Parking Brake Indicator, Payload Indicator	•	•
Payload Indicator, External	•	•
<b>DRIVELINE</b>		
Transmission, Automatic – Electronic Shift Control	•	•
Torque Converter Lock-Up Clutch	•	•
6x6 Drive, Full-Time	•	•
Tandem Rear Bogey – Gear Driven, Free-Swinging	•	•
Driveline Interaxle Differential – 1/3 Front, 2/3 Rear, Torque Divider, 100% Locking Ratio	•	•
Front Axle Transverse Differential – Limited-Slip, 45% Locking Ratio	•	•
Rear Axle Transverse Differential (1) – Limited-Slip, 45% Locking Ratio	•	•
Rear Axle Transverse Differential (1) – Clutch-Engaged, Torque Dependent Locking Ratio	•	•
Automatic Hydrodynamic Transmission Retarder	•	•
Automatic Engine Brake	•	•
Braking System, Dual Circuit	•	•
Hydraulic, Wet Multiple Discs – 4 (Front & Mid Wheels)	•	•
Parking Brake, Spring Applied Hydraulic Release – Driveshaft Mounted	•	•
<b>BODY</b>		
Body, High Tensile HB400 Steel	•	•
Body (None)	■	■
Lifting Cylinder, Double-Acting (2) - Cushion, Extending	•	•
Tailgate, Scissor Type	•	•
Tailgate (None)	■	■
Spill Guard On Front Of Body	•	•
Body Heating Kit	■	■
Body Heating Ready	•	•
Body Lining Standard	■	■
Body Lining Full	■	■
Side Extensions	■	■
<b>OTHER</b>		
Automatic Lubrication System	•	•
Handrails & Service Platforms	•	•
Skid-Resistant Steps & Service Platforms	•	•
Body Lift Support	•	•
Fire Extinguisher	■	■
First Aid Kit	■	■
Manuals – Operation & Maintenance, Parts, AEM Safety Manual	•	•
Doosanconnect® – Free Monitoring, No Contract or Fees	•	•
Vandalism Protection – Lockable Panels, Lockable Fluid Fill Points	•	•
Tool Kit	■	■
Fast Fill	■	■
Mud Flaps	•	•



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