

## Specifications

### DX225LL-5 (US20)

#### Engine

Engine	Doosan DL06P
Emissions (EPA)	Tier 4
Rated Power, Gross	166 hp (124 kW) @ 1,800 rpm
Rated Power, Net	163 hp (121 kW) @ 1,800 rpm
Maximum Torque, Gross	557 ft.-lb. (755 Nm) @ 1,400 rpm
Piston Displacement	359 cu. in. (5.9 L)

#### Configuration

Boom	20' 2" (6150 mm)
Arm	12' (3660 mm)
Heel	31.9" (810 mm)
Cab Riser	47.2" (1200 mm)
Counterweight	9,700 lb. (4400 kg)
Operating Weight (Without Attachment)	68,123 lb. (30 900 kg)

#### Operational

Shipping Length	45' 5" (13 850 mm)
Shipping Height (Cab Lowered)	11' 7" (3530 mm)
Shipping Width	11' 10" (3600 mm)
Cab Height	15' 2" (4620 mm)
Ground Clearance	28.5" (725 mm)
Relief Pressure (Boost)	4,978 psi (350 kg/cm <sup>2</sup> )
Max. Reach	36' 1" (10 995 mm)
Max. Depth	11' 4" (3445 mm)
Max. Height	42' 2" (12 860 mm)
Swing Torque	69,623 lbf.-ft. (9626 kgf-m)
Traction Force, Max. (Drawbar Pull)	72,605 lbf. (32 933 kgf)

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#### TRIUMPH OVER TIMBER

Doosan takes logging seriously, and we have a strong history of meeting the needs of owners and operators in the challenging timber industry. Designed specifically for forestry applications, the fast, powerful and efficient Doosan log loaders make every phase of the job more productive. It's all about moving more timber per day, and Doosan log loaders easily put better productivity within your reach.



#### LIVE HEEL DESIGN:

The live heel design on Doosan log loaders works in tandem with a log grapple. It's built strong to maximize production as well as optimize lift capacity and working range. An optional roadbuilder package is available with a work group that's designed for productive clearing of felled trees and stump removal during pioneering.

#### LIFTING CAPACITY:

Lift more with each cycle and complete the job faster. Doosan log loaders are engineered and optimized to maximize lifting capability. With an optimal loading reach, loading height and lift position, you can lift and place logs with complete confidence.

#### HORSEPOWER:

Optimized horsepower gives you better performance for tough forestry applications such as timber harvesting, shovel logging and loading.

#### SWING TORQUE:

Excellent swing torque allows the log loader to swing heavy logs quickly, even when moving the load uphill.

#### SELECTABLE POWER MODES:

Selectable power modes are available to give you more control over your log loader's performance when building roads or sorting logs.

- **P+** for the fastest work group speeds
- **P** for excellent power and heavy lifting performance
- **S** for optimized fuel consumption with high lifting performance
- **E** for reduced fuel consumption in low-demand applications

#### UPPER STRUCTURE:

The protected upper structure is specifically designed for forestry applications such as forwarding, shovel logging, sorting and loading. Cylinder guards protect your boom cylinders and arm cylinder from being damaged by debris. The cab guard and guarded cab riser are designed to match the rugged challenges of daily logging.

#### FRONT GUARD:

The front guard further protects log loader components from the debris and obstacles encountered on the job.

#### BELLY GUARD:

A durable belly guard shields log loader components and protects your productivity from the natural obstacles and debris that are part of your job.

#### CAB:

The spacious cab is fully equipped with operator protection features such as window guarding. Comfort features include heating and air conditioning, with adjustable airflow and five operating modes. The standard reclining, height- and weight-adjustable air suspension seat (with headrest, adjustable armrest and seatbelt) offers excellent lumbar support. An optional forestry cab includes additional guarding and protection for the cab and operator.

#### CYCLE TIMES:

Two variable-displacement axial piston pumps deliver superior hydraulic performance, maintaining smooth machine control and improving cycle times for quick truck loading.

#### STANDARD CAB RISER:

A 4-foot cab riser with guarding gives operators a great view of the work. The cab riser can be hydraulically tilted for transport.

#### INTEGRAL CATWALKS:

The integral catwalks enable operator access to all critical components and maintenance checks with minimal effort.

#### TIER 4 COMPLIANT:

Tier 4 compliance is achieved with cooled exhaust gas recirculation (CEGR), a diesel oxidation catalyst (DOC) and selective catalytic reduction (SCR) with the use of diesel exhaust fluid (DEF).

#### QUARTER-INCH SIDE PANELS:

These thick-skinned log loaders are made to withstand the shocks and impacts encountered on logging jobsites, protecting your machine's vital components for maximum uptime. They provide easy access to all components as well.

#### DURABLE TRACKS:

Pin links on Doosan log loader tracks are permanently sealed and never need greasing. That means you reduce your operating costs and increase your uptime. The tracks feature heavy-duty links with double grouser shoes and full-length track-guiding guards.

#### HIGH-WALKER UNDERCARRIAGE:

Doosan log loaders are equipped with a stable, fully guarded, heavy-duty, high and wide undercarriage. Heavy-duty top rollers and special cleanout brackets keep you mobile and productive. Standard rock guards protect tracks from debris.

#### CENTRALIZED ARM & BOOM GREASE POINTS:

Daily maintenance is critical – and it's simple with the centralized grease banks on the arm and base of the boom.



## Specifications

### DX225LL-5 (US30) Roadbuilder

#### Engine

Engine	Doosan DL06P
Emissions (EPA)	Tier 4
Rated Power, Gross	166 hp (124 kW) @ 1,800 rpm
Rated Power, Net	163 hp (121 kW) @ 1,800 rpm
Maximum Torque, Gross	557 ft.-lb. (755 Nm) @ 1,400 rpm
Piston Displacement	359 cu. in. (5.9 L)

#### Configuration

Boom	18' 8" (5700 mm)
Arm	9' 6" (2900 mm)
Counterweight	9,700 lb. (4400 kg)
Operating Weight (Without Attachment)	62,832 lb. (28 500 kg)

#### Operational

Shipping Length	32' 1" (9770 mm)
Shipping Height (Cab Lowered)	9' 11" (3020 mm)
Shipping Width	11' 10" (3600 mm)
Cab Height	10' 11" (3340 mm)
Ground Clearance	28.5" (725 mm)
Relief Pressure (Boost)	4,978 psi (350 kg/cm <sup>2</sup> )
Max. Digging Reach (Ground)	31' 8" (9660 mm)
Max. Digging Depth	20' 11" (6375 mm)
Max. Digging Height	32' (9760 mm)
Swing Torque	69,623 lbf.-ft. (9626 kgf-m)
Traction Force, Max. (Drawbar Pull)	72,605 lbf. (32 933 kgf)

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