

SKID-STEER LOADER

5SDK 430 to 900 kg

5SDK SERIES



 **TOYOTA**

ON THE MOVE WITH COMPLETE CONTROL

Get on the move with Toyota's New 5SDK Series.

Just one look at this new driving force for your worksite is all it takes.

Toyota engineering brings you high quality that's apparent from the very first glance.

On entering the operator's compartment, you'll immediately appreciate the excellent comfort and ergonomics. You'll experience class-leading levels of steering and loader control with performance geared to meeting the most demanding applications.

What you get is toughness with pinpoint precision, all at your complete control.



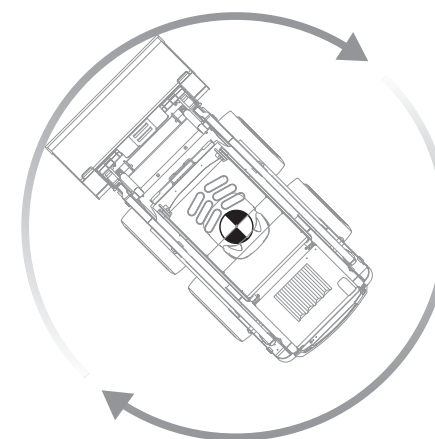


A RUGGED AND COMPACT BODY ENGINEERED FOR TOUGH CONDITIONS

The New 5SDK Series gives you what it takes. This rugged skid-steer loader boosts productivity under a variety of extreme conditions, from high ambient-temperature heavy construction work to subzero snow removal.

The hydrostatic transmission (HST) includes robust axial piston pumps matched with heavy-duty motors, for a four-wheel drive and steering system that provides outstanding maneuverability in demanding work environments.

What's more, the all-new optional high-flow system available on the 5SDK9/10/11 models operates most high-flow attachments requiring flows up to 100 liters per minutes. And it's all packaged in a tough Toyota body, for outstanding performance you can count on.



Skid-steer Control

Stepless speed control and smooth turns are accomplished by operating the low-effort pilot control levers. Tight turning within the vehicle length is achieved by operating each control lever in the opposite direction. This counter-rotates the driving wheels and pivots the vehicle around its center axis. Providing the drive power for these operations is the hydrostatic transmission (HST).

High-flow Auxiliary Hydraulic System OPT

Two hydraulic pumps are used to deliver a maximum oil flow of 100 liters per minute for attachment operations. The pumps are powered by the field-proven Toyota 2Z 3.5-liter diesel engine.

Vertical Lift Arms

The standard vertical lift arms used on the 5SDK10/11 models provide stable lifting and greatly improved reach at maximum lift height, both of which boost productivity. The trunnion-shaped cylinders also make for compact vehicle size, achieving both high load capacity and maneuverability.



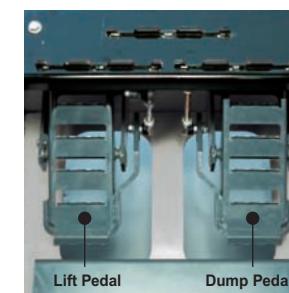


THE PERFECT FIT OF COMFORT AND QUALITY

Here you find a perfect fit, where everything is designed for comfort and efficiency. From the moment you enter the New 5SDK Series through its wide entrance, you experience its ergonomic design. The high levels of comfort, the clear field of view, and the superior control of the 5SDK are designed to deliver maximum performance for your busy operations.



Easy-to-operate Control Levers
 Short-stroke hydraulic pilot control levers provide precise, vibration-free operation with less fatigue. H-pattern and ISO-pattern joysticks are available as options.



Rugged Lift and Dump Pedals
 The pedals are shaped to minimize slips, even with muddy boots. They control hydraulic lift and dump, and the bucket can be "floated" by toeing the lift pedal into a detent position.



Self-leveling System
 Simply by operating the lift pedal, the bucket stays even and level when the arms are raised.



Comfortable Seat and Armrest System
 Productivity gets a boost from the comfortable seat and the fatigue-reducing armrest. A suspension seat with damper is available as an option.



Clear View with Plenty of Room
 The instrument panel comprises separate left and right sections, for outstanding upward visibility. The layout of the front and rear pillars is nearly parallel, providing a spacious operator compartment.



Low Vibration
 The specially designed full-floating engine and operator compartment mountings, including those for the control levers and the seat, help reduce fatigue-causing noise and vibration.



Steel Cabin **OPT**
 The sealed cabin ensures comfortable operation when working in dusty conditions, or in foul weather. A newly designed air conditioner and heater are optionally available for comfort under extremes of hot or cold.

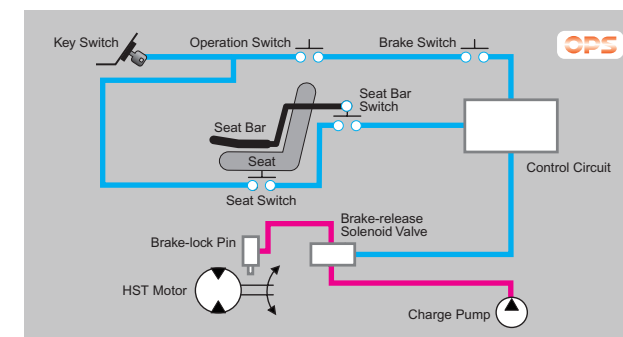
Feature-rich Interior
 Easy-to-monitor combination meters provide information on operating status and warnings. The high-quality interior design, cup holder, and accessory power socket offer you a high level of operation comfort and utility. An operation switch (blue) and a brake-release switch (red) are provided at convenient locations.

Ride Control **OPT**
 The hydraulic system for the lift cylinders includes an accumulator, which helps prevent load spills due to vibration or shaking when traveling on rough surfaces, helping to achieve a comfortable and stable ride.



A TRIUMPH OF ENGINEERING YOU CAN RELY ON

The New 5SDK Series is carefully designed with its safety, durability, and serviceability as uncompromising objectives. The 5SDK gives you what is needed for your day-to-day operations.



Multiple Safety Interlock System

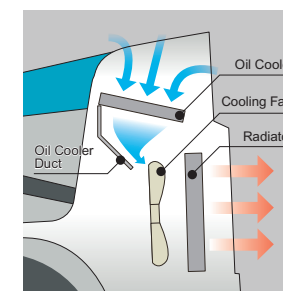
To ensure safety, the operator must be properly seated with the seat bar lowered and the operation and brake switches released before starting operation.

OPS: Operator Presence Sensing System

ROPS/FOPS Operator Guard

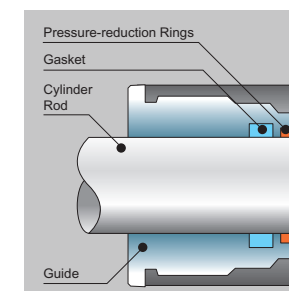
The headguard helps keep the operator safe in the event of a rollover or a falling object.

ROPS: Roll Over Protective Structure
FOPS: Falling Object Protective Structure



High-performance Oil Cooler

Through direct air cooling using a ring fan, the oil cooler installed under the engine hood keeps the hydraulic oil temperature from rising excessively. This helps ensure a long service life for key hydraulic components.



Strong Lift and Dump Cylinders

The lift and dump cylinders feature new pressure-reduction rings that absorb impact during digging. The shock-resistant feature reduces impact and noise when lowering the lift arms to the lowest height, helping to ensure smooth loader control. The double-ended structure for the bucket bracket enables powerful bucket operation and reliable loader control.



Heavy-duty HST Motors

The powerful motors offer high tolerance to extreme pressure, providing consistent power for digging and grading operations under a variety of conditions.

Dirt and Dust Resistance

An HST line filter, suction filter, and return filter are mounted to prevent dust from entering the hydraulic circuit. The 178-mm (7") dual-element air cleaner prevents entry of airborne dust into the engine, and the dirt-resistant design and lip seals keep dirt and debris out of the drive axles.

Moisture-resistant Connectors

The connectors for most electrical components are designed for high resistance to moisture, helping to maintain the reliability of the electrical system in wet weather and when washing the vehicle.

Excellent Serviceability

The tilt-up cabin, rear grille that opens a full 180 degrees, and engine hood with damper provide excellent access for inspection and maintenance, helping to minimize downtime.

COMMITTED TO THE ENVIRONMENT

Features and equipment may vary depending on market.



Toyota is serious about its concern for the environment, and the New 5SDK Series is no exception.

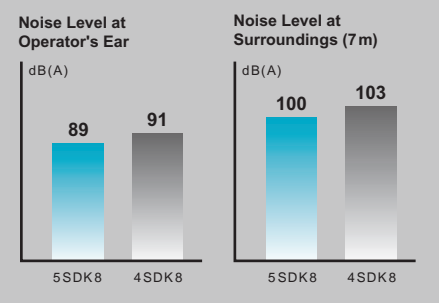
Its environment-friendly design is free of asbestos, mercury, and cadmium, and the amounts of lead and hexavalent chrome used are kept to an absolute minimum. This series achieves low exhaust emissions as well as low noise levels, making for advanced levels of environmental responsibility.



Environmentally Friendly Engines

The 5SDK uses tough and reliable engines that have built a solid reputation for low exhaust emissions and minimum levels of noise and vibration.

These engines meet or exceed European and USA emission standards. Toyota's advanced technology embodies both power and environmental friendliness.



Designed for Quiet Operation

Low operation noise is achieved by a noise-reducing design, including a sealed engine compartment, optimal use of sound-absorbing material, and shock-resistant loading features.



ONWARD TO TOMORROW

Awaiting you is all the rugged power that is needed to open up uncharted territory.

Get on the move with the New 5SDK Series, and put tomorrow at your complete control.

Features and equipment may vary depending on market.

MODEL VARIATION



5SDK5

5SDK8

5SDK10

MAIN SPECIFICATIONS

Model		5SDK5	5SDK8	5SDK9	5SDK10	5SDK11	
Engine Model		3TNV88	1DZ- [1DZ-]	2Z[3Z]	2Z[3Z]	2Z[3Z]	
Operating Load (SAE)	kg	430	650	730	820	900	
Bucket Capacity	m ³	0.22	0.32	0.32	0.34	0.34	
Overall Width w/Bucket	A mm	1230	1530	1530	1530	1530	
Clearance Circle w/Bucket	B mm	1700	1890	1930	1960	1960	
Overall Height	C mm	1860	1945	1945	1950	1950	
Overall Length w/Bucket	D mm	2875	3095	3200	3235	3235	
Machine Weight w/Full Fuel Tank and Bucket		kg	1865	2510[2660]	2660	2885	2940

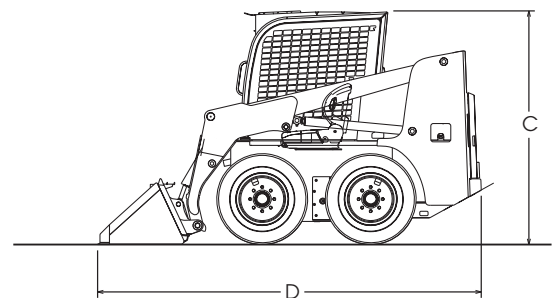
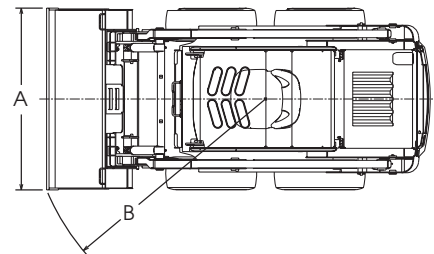
NOTE : () for optional engine

ENGINE SPECIFICATIONS

Model	Diesel	YANMAR 3TNV88	TOYOTA 1DZ-	TOYOTA 1DZ-
Piston Displacement	cc	1642	2486	2486
Rated Horsepower (Net) /r.p.m.	kW	22/2400	39/2400	38/2400
Rated Torque/r.p.m.	N-m	106/1000	160/1600	157/2200

Model	Diesel	TOYOTA 2Z	TOYOTA 3Z
Piston Displacement	cc	3469	3469
Rated Horsepower (Net) /r.p.m.	kW	44/2300	42/2200
Rated Torque/r.p.m.	N-m	200/1600	200/1600

2Z: Non-road Mobile Machinery (97/68/EC; Stage)
 1DZ- : Non-road Mobile Machinery (97/68/EC; Stage)
 EPA Non-road Diesel Emissions (40 CFR Part89; Interim Tier 2)
 1DZ- , 3Z, 3TNV88: Non-road Mobile Machinery (97/68/EC; Stage A)
 EPA Non-road Diesel Emissions (40 CFR Part1039; Interim Tier 4)



The data in this brochure was determined based on our standard testing condition. Operating performance may vary depending on the actual specifications and condition of the vehicle, as well as the conditions of the operating area. Due to photography and printing, color of actual vehicle may vary from this brochure. Some photos have been computer-enhanced. Availability and specifications are determined regionally and are subject to change without notice. Please consult your Toyota representative for details.

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