



For Earth, For Life
Kubota

ST

KUBOTA DIESEL TRACTOR STW34/STW37/STW40

Exceptional reliability, easy operation, quick performance and powerful engines highlight the new STW Series.







Step up to—and into— new levels of comfort and performance.

Introducing Kubota's all-new STW Series of diesel tractors. Easy to operate and exceptionally reliable, these compact and lightweight tractors provide amazingly quick and powerful performance for a wide range of jobs, from mowing, to front-loader work. A new spacious factory-installed cabin offers a new level of comfort—the best in its class—as well as unparalleled visibility on all sides. So step into a Kubota STW Series diesel tractor today. They're all new and ready to go to work.



LIGHTWEIGHT/COMPACT BODY

Our already popular and lightweight design translates into a faster, more effective and less damaging tractor on any terrain. Manoeuvrability has also been improved making your work easier and more efficient.



STW SERIES

STW34/STW37/STW40



Exceptional performance, exceptionally reliable.

KUBOTA DIESEL ENGINES

Renowned for their exceptional performance and reliability, Kubota's diesel engines offer high and stable output over a wide rpm range, to handle every heavy-duty task with power to spare. They also feature a large torque rise, which you will appreciate during low-speed operations. You will also notice the low levels of noise and vibration, which helps minimise operator fatigue even after a full day at work.



A supremely comfortable environment for the operator.

FACTORY-EQUIPPED CAB

The STW Series is available with a quiet and comfortable cab that significantly lowers operator discomfort. The cab features a 4-pillar design, with a large and curved windscreen that provides an unobstructed view to the front and significantly enhances the spaciousness of the interior. Glass at the sides and rear also enhance overall visibility.



- A. REMOTE CONTROL VALVE LEVER
- B. REAR PTO GEAR SHIFT LEVER
- C. POSITION CONTROL LEVER
- D. PTO CLUTCH CONTROL SWITCH
- E. HAND THROTTLE LEVER

- F. MID PTO GEAR SHIFT LEVER
- G. 4WD ON/OFF LEVER
- H. STEERING WHEEL TILT LEVER
- I. CRUISE CONTROL LEVER
- J. RANGE GEAR SHIFT LEVER

WINDOW WIPERS AND REAR DEFOGGER

Also standard, are front windscreen wiper and rear defogger that allows you to continue working, regardless of the weather.

**A rear window wiper is available as an option.*



12V POWER SOCKET (Cab models only)

STW cab models come with a convenient 12V socket to recharge mobile-phones and other small electronic devices.



AIR CONDITIONING

The cab's curved shape and ergonomically located air conditioner outlets produce an ideal airflow that keeps you comfortable, no matter what the season or weather outside.



Other Standard Equipment for Cab:

- Work lights (2 at the front, 2 at the rear)
- Speakers & antenna (for optional radio)

Cab Options:

- Radio/CD or radio

Rugged, reliable and ready to go to work.

**34
km/h**

INSTRUMENT PANEL

The instrument panel has been redesigned with large and easy-to-read fonts and symbols.



TRAVEL SPEED

The STW Series has the fastest maximum travel speed in its class—34 km/h—letting you travel faster between sites and giving you more time at work.

REMOTE CONTROL VALVES

To meet a wide variety of professional applications, the STW Series is equipped with three remote control valves: one single-acting valve, one double-acting valve and one single/double-acting valve.



BONNET AND HEADLIGHTS

The sloped bonnet provides a better view of operations at the front of the tractor and opens easily and fully to provide quick access, for routine maintenance and inspections. Two headlights provide plenty of light for night-time tasks.

EXTERNAL POWER CONNECTOR (Cab model only)

For rear implements that require power, the STW cab models are equipped with an external power connector.



HYDRAULIC PUMP CAPACITY

With a large hydraulic pump capacity and a flow rate of 30 l/min, the STW Series can handle a wide variety of implements.

60A ALTERNATOR (Cab model only)

A 60A alternator capacity results in brighter work lights and more reliable illumination of the work site during early morning and late-night operations.

REAR PTO / MID PTO

The STW Series provides both 2-speed rear PTO and 1-speed mid PTO to ensure better performance with a large variety of implements.





INDEPENDENT PTO

With independent PTO, you won't need to constantly adjust the tractor speed while mowing, etc. A single lever engages and disengages the PTO, further helping to reduce operator fatigue.

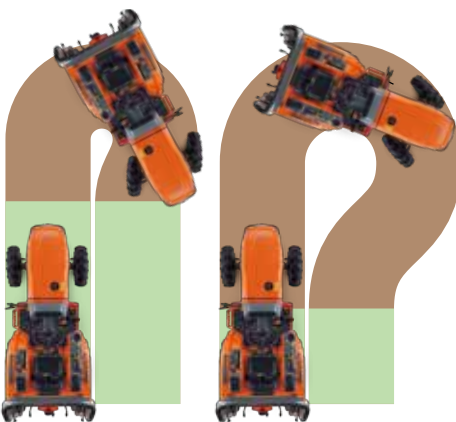


SELECTABLE REAR PTO SPEED CONVERSION KIT

The STW Series provides two PTO rotation speeds: 540 and 540E rpm.

BI-SPEED TURNING

The Kubota exclusive Bi-Speed turning, standard on STW series makes turns quicker, Smoother and tighter. This also minimises potential damage to the ground surface.



*Bi-Speed
Turning*

*Without
Bi-Speed
Turning*

CRUISE CONTROL

Extremely simple to operate, the STW Series' stepped, notch-type cruise control lever greatly reduces operator fatigue, by letting you maintain a constant speed for mowing and other tasks, without constantly adjusting the accelerator pedal.



POWER STEERING

Smooth and responsive hydraulic power steering lets you perform tighter turns and handle front loader work with ease and confidence, helping to reduce operator fatigue.

Extra functionality from a variety of standard and optional features.

NEW LA454ST FRONT LOADER

The LA454ST front loader's large lifting capacity makes short work of landscaping and light utility work. The curved boom offers better visibility during front loader operations and matches the new sloped bonnet design.



MECHANICAL SELF-LEVELLING

Mechanical self-levelling keeps the bucket horizontal as you raise and lower the boom, reducing spillage even when the bucket is completely filled with sand or earth. It also lets you smoothly raise and lower pallets.



2-LEVER QUICK COUPLER (Option)

Kubota's optional quick coupler features two levers for faster and easier attachment/detachment of front implements.



THIRD FUNCTION VALVE (Option)

An optional third function valve lets you attach front-loader implements that require hydraulic power, allowing you to smoothly perform "push," "grab," and other specialised front loader operations.



INTEGRATED LOADER VALVE AND JOYSTICK (Cab models)

Loader operations are more convenient, thanks to the integrated 3-position valve and control lever. This ergonomically positioned valve lets you quickly and easily attach the front loader and other front implements.

Front Loader Specifications

Tractor applications		LA454ST
Max. lift height (to bucket pivot pin)	mm	2400
Clearance with bucket dumped	mm	1850
Max. dump angle	deg.	37
Max. rollback angle	deg.	46
Lift capacity (pivot pin)	kg	550
Raising time	sec.	2.2
Lowering time	sec.	2.2
Bucket dumping time	sec.	1.8
Bucket rollback time	sec.	1.3



SIMULTANEOUS ATTACHMENT OF FRONT LOADER AND FRONT LINKAGE SYSTEM

The front loader can be mounted while the front linkage system is still attached.

Specifications

Model				STW34		STW37		STW40	
Engine									
model				Kubota D1703		Kubota D1803		Kubota D1803	
Type				ETVCS, water-cooled 4-cycle diesel					
Number of cylinders						3-cylinders			
Engine Gross power		SAE	kW (PS)	24.9 (33.9)		27.3 (37.1)		28.7 (39.0)	
		97/68/EC	kW (PS)	24.5 (33.3)		26.9 (36.6)		28.3 (38.5)	
Engine power ECE-R24			kW (PS)	23.6 (32.1)		25.9 (35.2)		27.3 (37.1)	
PTO power			kW (PS)	16.6 (22.6)		19 (25.9)		20.4 (27.8)	
Total displacement			cm³	1647		1826		1826	
Rated revolution			rpm	2700					
Fuel tank capacity			ℓ	29.5					
PTO									
Rear PTO-revolution			rpm	1st: 540 (@ 2670) / 2nd: 800 (@ 2717) (Optional* 1st: 540 / 2nd: 1000)					
Mid PTO-revolution			rpm	2500 (@2734)					
Transmission									
Type				HST: 3range					
Travelling speed/forward			km/h	0–34.1 (w/9.5–22 tyre)					
Travelling speed/reverse			km/h	0–26.2 (w/9.5–22 tyre)					
Clutch				Single dry disc					
Brake				Wet disc type					
Rear diff. lock				Equipped					
Bi-speed				Equipped					
Steering				Hydrostatic type power steering					
Tyre									
Front		Turf/Farm		24 × 8.50–14 / 6.00–12					
Rear		Turf/Farm		13.6–16 / 9.5–22					
Dimensions									
Overall length			mm	2940 (with 3P)					
Overall width			Turf/Farm mm	1335 / 1185					
Overall height (w/ROPS, w/Cab)			Turf/Farm mm	2340, 2155 / 2350, 2165					
Wheel base			mm	1610					
Tread	Front	Turf/Farm	mm	1020 / 1020					
	Rear	Turf/Farm	mm	990, 1065 / 950, 1070					
Ground clearance			Turf/Farm mm	225 / 235					
Weight (w/ROPS)			Turf/Farm kg	1130 / 1105					
Weight (w/Cab)			Turf/Farm kg	1275 / 1250					
Turning radius				2.5 m w/Bi-speed engaged w/o brake					
Hydraulics									
Pump capacity			ℓ/min	30					
Relief valve capacity (at lift point)			kgf/cm³	173					
Control valve			kgf	Position control system					
Hydraulic outlet				Mid					
Auxiliary control valve				Single/double acting changeable × 1, double acting × 1, single acting × 1 (triple valve)					
Equipment									
Seat				High back					
Cruise control				Notch type					
Instrument panel PTO lamp				Equipped					
Instrument panel parking brake lamp				Equipped					
PTO protector				Flip-up					

* Not available in the UK
 The company reserves the right to change the above specifications without notice.
 This brochure is for descriptive purpose only. Please contact your local Kubota dealer for warranty and safety information.
 For your safety, Kubota strongly recommends the use of a Roll Over Protective Structure (ROPS) and seat belt in almost all applications.

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