

SPECIFICATIONS

KUBOTA ZT-SERIES ENGINE

HORIZONTAL DIESEL ENGINE

Incredibly Tough and Powerful



ZT100



ZT125



ZT140



ZT155

Model		Three Vortex Combustion System (TVCS)	Direct Injection System (DI)		
		100 (TVCS)	125 (DI)	140 (DI)	155 (DI)
Type		Four-stroke water cooled horizontal diesel engine			
Bore x Stroke	mm x mm	88 x 90	94 x 96	97 x 96	100 x 98
Displacement Volume	cc	547	666	709	770
Maximum Power	kW/rpm	10 / 2400	12.5 / 2400	14 / 2400	15.5 / 2400
	HP/rpm	7.35 kW / 2400	8.19 Kw / 2400	10.3 kW / 2400	11.4 kW / 2400
Continous Rated Output	kW/rpm	9 / 2400	11 / 2400	12.5 / 2400	13.5 / 2400
	rpm	(6.62 kW / 2400)	8.09 Kw /2400	9.19 kW / 2400	9.93 kW / 2400
Rated Rational Speed	rpm	2400			
Specific fuel Consumption at Continous Rated Power	(g/PS-hi, g/kW-hi)	269	240		
Compression Ratio		22:01	18:01		17.5 : 1
Maximum Torque	Kg-m / rpm	3.5 / 1600	4.7 / 1600	5.1 / 1600	5.5 / 1600
Coolant Capacity	cm3 (litter)	2.1			
Fuel Capacity	cm3 (litter)	10.5			
Oil Capacity	cm3 (litter)	2.8			
Fuel Type		Automotive used diesel fuel (SAE No. 2-D)			
Lubricating oil grade		SAE 40 API CF			
Air cleaner type		Oil both type			
Combustion System		Swri Pre-Combustion Chamber	Direct Injection System		
Engine starting system		Hand cranking (double speed), an electric motor is provided for ES Model			
Battery capacity (ES model only)		12 Volt 30 A-h battery			
Rotation direction of flywheel		Turn counterclockwise when facing the flywheel			
Net Weight	kg.	105	111	112	112
Gross Weight	kg.	120	126	127	127

kubota.com.ph



Kubota Philippines



For details and inquiries:

Main Office: Kubota Philippines, Inc.
 232 Quirino Highway, Baesa, Quezon City, Metro Manila
 Tel. Nos.: (632) 8422-3500 to 03
 Fax Nos.: (632) 8422-3504 to 05
 Website: <https://kubota.com.ph>

Authorized Dealer:

Incredibly Tough and Powerful



High quality steel fuel tank

- The fuel tank is made of strong and durable SPCE steel.
- It has 10.5-liter capacity of fuel tank.
- Fuel Tank is made with wider fuel tank cap for easy refueling.



Thick steel mesh reinforcement to prevent damage to the radiator and the fan.

Reinforce high quality steel grates for radiator and fan cover protection

- A better steel grate filter inside the radiator screens out impurities and prevents the radiator system from clogging, as well as reducing the risk of cooling failure.
- SPCD steel grilles on the radiator side and fan side, to prevent the damage to part of the engine crashes and accidents.



Strengthened throttle control house

- Strengthening the 3 anchor points to help reduce vibration during operation.



Strong engine cover Slick and catch all eyes

- The modern design engine cover has an aluminum structure to protect the radiator and other parts while operating.
- Increased the rubber size under the top lid of the engine to lessen vibration while working.

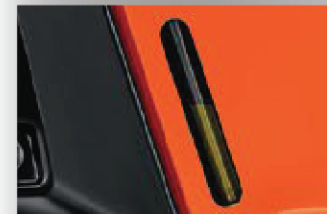


Full Power



Maximum Power

- Kubota diesel engine comes with a wide range of horsepower from 10, 11, 12, 12.5, 14, and 15.5.
 - Two types of combustion system are offered to suit the required operation.
- 1 **With direct injection combustion system**, fuel can be saved during heavy use or accelerating at over 1,200 rpm, suitable for soil preparation task, transport, etc.
 - 2 **Three Vortex Combustion System (TVCS)** with large-hole nozzle can reduce clogged soot while running at rpm, below 1,200 suitable for water pumping, running shrimp farm, wind turbines, etc.



Fuel level gauge with transparent PVC tube

- Fuel levels are visible during operation

Lighting and safety when travelling



LED headlight for security and safety while travelling

- Adjustable beam distance, during night trip and transport
- LED light density is increased by 10% for brighter and safer.



Safe with turn indicators and convenient with USB charging ports

Special function of left-light and USB charging port for electronic devices. For power tiller models only.