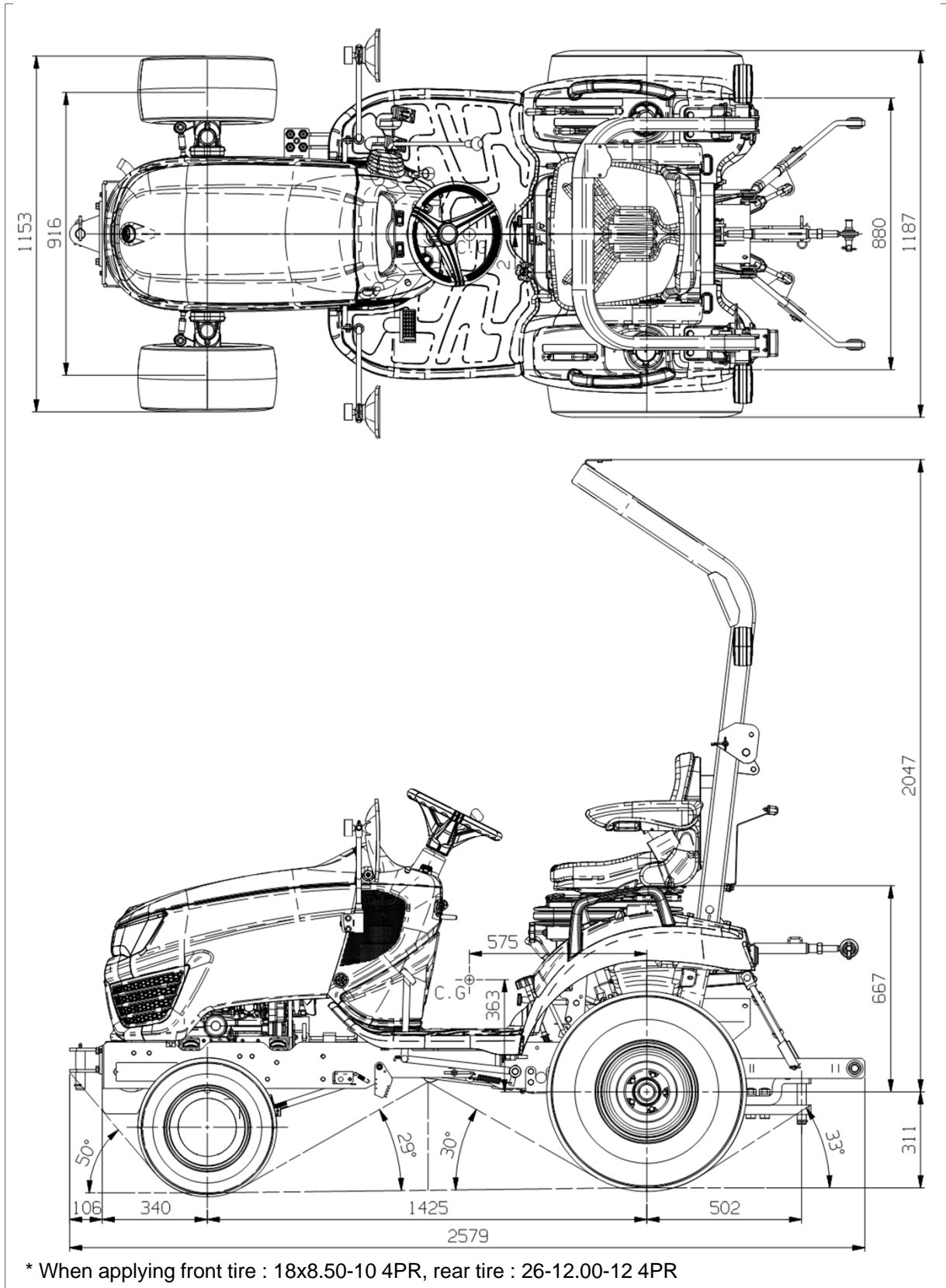


## 6. Dimension and Specification

- HST Type



		<b>MT1.25</b>
WEIGHT	Mechanical Type	N/A
	HST Type	675kg (1488 lb)
	Bumper	N/A
	Front weight	N/A
ENGINE	Model	3TNV80F
	Type	Indirect, Swirl Chamber
	No. of cylinder	3
	Diameter x stroke	80x84mm (3.15x3.30 in.)
	Displacement	1267cc (77.32 in <sup>3</sup> )
	Engine speed	1350 rev/min ~ 3235 rev/min
	Maximum torque	66N.m / 2100rev/min
	Engine rated power	18.4kW / 3000 rev/min
FUEL INJECTION PUMP	Type	IN-LINE pump
	Speed regulation	Centrifugal
	Fuel filter	Replaceable cartridge type
	Injection order	1-3-2
LUBRICATION SYSTEM	Type	Forced lubrication type
	Pump	Trochoid gear pump
	Filter	Replaceable cartridge type
COOLING SYSTEM	Pump	Centrifugal Type
	Temperature control	Thermostat
	Air cleaner	Dry
TRANSMISSION	Type	HST with 2-speed range gear
	Main clutch	N/A
	Forward / Reverse	HST pedals
	Differential lock	Mechanical pedal type

		<b>MT1.25</b>	
PTO	Type	Independent rear PTO / MID PTO	
	No. of speed	1- speed gear	
	PTO / Engine	540 rev/min / 2933 rev/min (Rear PTO) 2500 rev/min / 2841 rev/min (MID. PTO)	
HYDRAULICLIFT	3 Point linkage	CAT1	
	Draft load detection	N/A	
	Lowering speed control & fixing device	Down speed control valve	
	Pump	Gear pump type, Transmission drive	
	Rated flow	25LPM (6.6 GPM)	
	System pressure	13.0~13.5 MPa (1885~1958 psi)	
	Lift capacity	Lower link end	450 kgf (992 lbf)
24" behind lift point		330 kgf (728 lbf)	
REMOTE CONTROL	Type	Double acting (Spring return type)	
	No. of Q/coupler	2EA (optional)	
	F/Loader coupler	Front loader valve, 4EA (optional)	
STEERING SYSTEM	Type	Hydrostatic	
	Oil	Transmission oil (common use)	
	Min. turning radius (without brake)	2400 mm (7.87 ft)	
	Max. steering angle	54.5°	
	No. of steering turns	3.3 turns (lock to lock)	
	Rated flow	8LPM (1.1 GPM)	
	System pressure	8.5~9.0 MPa (1233~1305 psi)	

		<b>MT1.25</b>	
ALTERNATOR		Rated output	12V-40A
		Voltage control	Built-in alternator (IC-type)
BATTERY		Voltage	12V
		Capacity	45AH
START MOTOR		Output power	12V - 1.2KW
		Operation	Electric solenoid Type
LIGHTS		Headlights (Low / High beam)	12V 35W-H8 / N/A
		Turn signal lights (front / rear)	12V 21W
		Side lights (front / rear)	LED
		Stop lights / Taillights (rear)	LED / LED
		Work light (optional)	12V 27W (Roll-bar)
OTHERS		Instrument lights	LED
		Indoor light (CAB)	N/A
		Instrument indicator	LED
		Cold start aid	Glow Plug
STANDARD TIRE		Front	18x8.50-10 (4PR)
		Rear	26x12.00-12 (4PR)
WHEEL TRACK ADJUSTMENT	Front	Tracks	N/A
		Dimension	N/A
	Rear	Tracks	N/A
		Dimension	N/A
<p>** These specifications are only general product information about standard model. Actual data may vary depending on the various optional product, and also can be changed at any time to improve the product qualification without any prior notification **</p>			

## Lubricants and Capacity

Lubricants	Capacity	International standard	Recommended products
Engine coolant	<b>3.3L</b> (0.9U.S.gals)	ASTM D6210, D4985	Soft water (50%) + Anti-freeze (50%)
Fuel	<b>25L</b> (6.6U.S.gals)	ASTM D975 No.2	Low sulfur diesel fuel
Engine oil (crank case)	<b>2.9L</b> (0.8U.S.gals)	API CF-4 or CI-4	KIXX DL (Maker : GS Caltex)
Transmission oil (for hydraulic lift and steering system)	<b>12.5L</b> (3.3U.S.gals)	API GL4 ISO VG 32/46	LSTH400 (Maker : GS Caltex or S-OIL TOTAL co. Ltd.)
Front axle oil	<b>2.0L</b> (0.5U.S.gals)	API GL4 SAE 80W	EPK 80W90 (Maker : S-OIL TOTAL co. Ltd.)
Grease (Front axle holder, 3-point linkage, etc)	Proper amount	NLGI 2	

## RECOMMENDED OIL VISCOSITIES

The correct engine oil viscosity grade is dependent upon ambient temperature. Refer to the chart below when selecting oil for your tractor engine.

In areas where prolonged periods of extreme temperatures are encountered, local lubricant practices are acceptable ; such as the use of SAE 5W 30 in extreme low temperatures or SAE 50 in extreme high temperatures.

Starting Temperature °C(°F)	-30 (-22)	-25 (-13)	-20 (-4)	-15 (-5)	-10 14	-5 (23)	0 (32)	-10 (50)	20 (68)	30 (86)	40 (104)
Oil Viscosity											