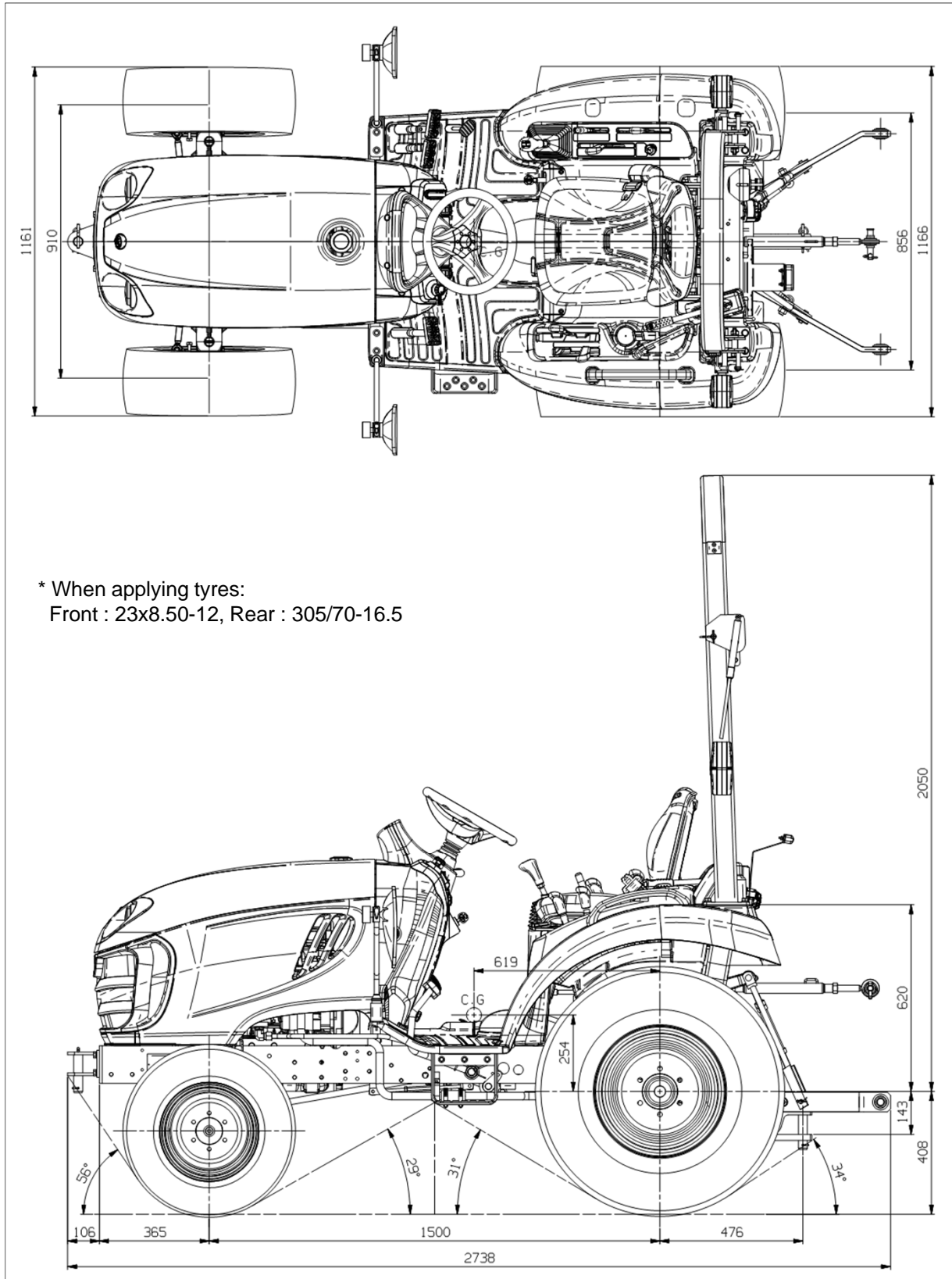


6. Dimension and Specification

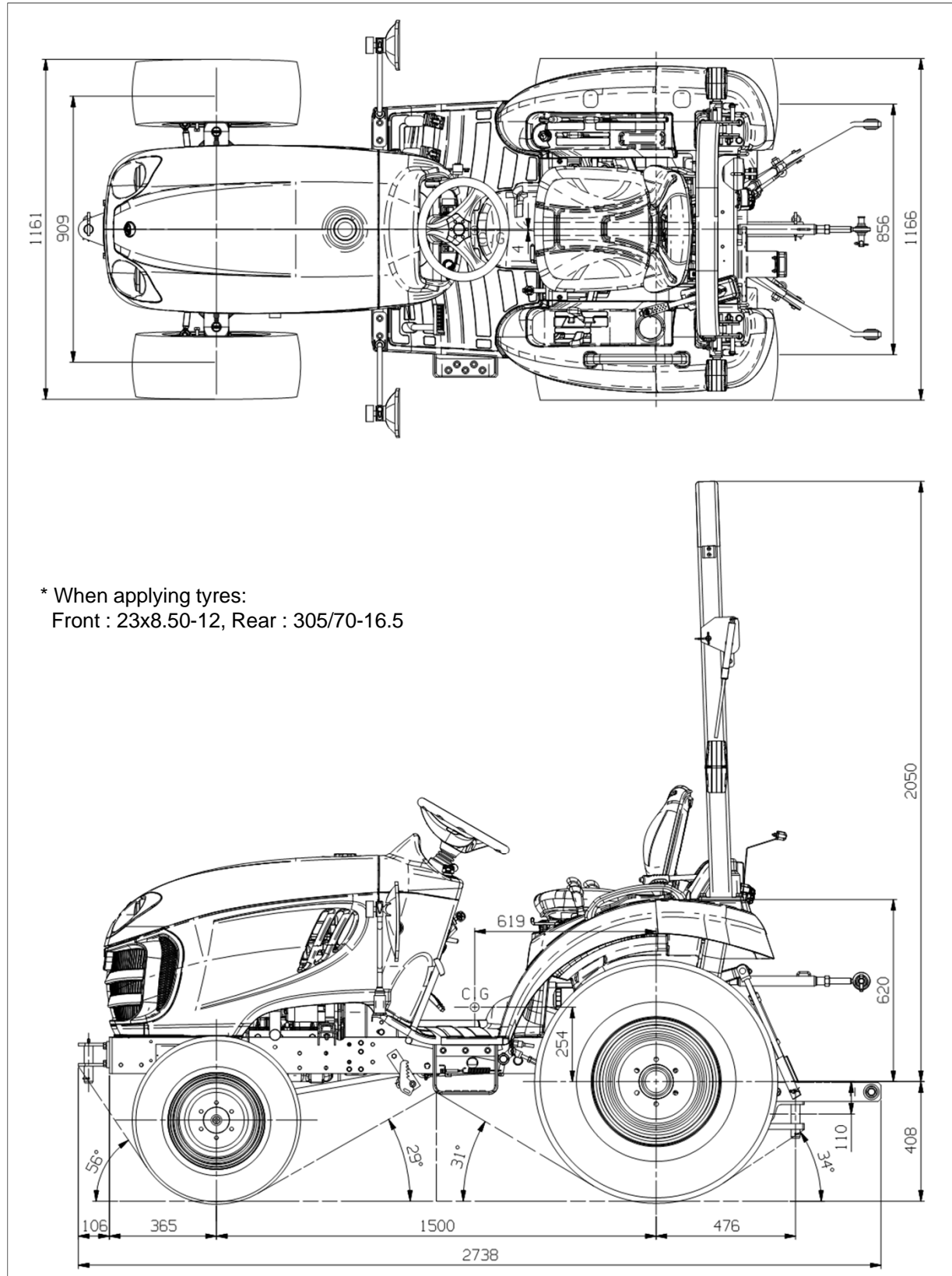
① MEC - rear foldable roll-bar type

(Unit : mm)



② HST - rear foldable roll-bar type

(Unit : mm)



		XJ25
WEIGHT	Mechanical Type	845kg (1863 lb)
	HST Type	830kg (1830 lb)
	Weight distribution	Front : Rear = 0.41 : 0.59
	Bumper/Front weight	9kg / 20kg x 4EA (optional)
ENGINE	Model	S3L2-Z561GT
	Type	4-stroke, vertical, water cooling
	No. of cylinder	3
	Diameter x stroke	78 x 92mm (3.07 x 3.62 in)
	Displacement	1,318cc (80.43 in ³)
	Compression ratio	22 : 1
	Engine speed	970 ~ 2900 rev/min (Engine only); Tractor idle rpm was adjusted to 1200 rev/min(MEC), 1400 rev/min(HST)
	Maximum torque	70.8N.m / 2200rev/min
	Rated power	18.2kW / 2700 rev/min
FUEL INJECTION SYSTEM	Type	In-line pump, ND-PFR
	Fuel filter	Replaceable cartridge type
	Injection order	1-3-2
LUBRICATION SYSTEM	Type	Forced circulation
	Pump	Trochoid gear pump
	Filter	Replaceable cartridge type
COOLING SYSTEM	Pump	Centrifugal type
	Temperature control	Thermostat
	Air cleaner	Dry
TRANSMISSION	Type	F6XR2 Mechanical / HST with 2-speed range gears
	Main clutch	Dry single clutch (MEC) / N/A(HST)
	Forward / Reverse	Built-in main gear shift lever(MEC) / HST pedal(s)(HST)
	Differential lock	Mechanical pedal type

		XJ25
PTO	Type	Electro-hydraulic rear PTO / MID PTO
	No. of speed	1 speed gear
	PTO / Engine	540 rev/min / 2603 rev/min (Rear PTO) 2000 rev/min / 2656 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, Engine drive(MEC) / Transmission drive(HST)
	Rated flow	26.9~28.4LPM (7.1~7.5 GPM) - MEC 24.3LPM (6.4 GPM) - HST
	System pressure	15 MPa (2134 psi)
	Lift capacity	Lower link end
24" behind lift point		480 kgf (1058 lbf)
REMOTE CONTROL	Type	Double acting (Spring return type)
	No. of Q/coupler	2EA (optional)
	F/Loader coupler	N/A
STEERING SYSTEM	Type	Hydrostatic
	Oil	Transmission oil (common use)
	Min. turning radius (with brake)	2.2 m (7.2 ft) – 4WD not engaged 2.6 m (8.5 ft) – 4WD engaged
	Max. steering angle	47°
	No. of steering turns	3 turns (lock to lock)
	Oil flow	4~5.5LPM (1.1~1.5 GPM) - MEC 10.8LPM (2.9 GPM) - HST
	System pressure	9 MPa (1280 psi)

		XJ25	
ALTERNAT OR	Rated output	12V-50A	
	Voltage control	Built-in (IC-type)	
BATTERY	Voltage	12V	
	Capacity	60AH	
START MOTOR	Output power	12V - 1.6kW	
	Operation	Solenoid Type	
LIGHTS	Headlights (Low / High beam)	12V 55W / 60W	
	Turn signal lights (front / rear)	12V 21W	
	Side lights (front / rear)	12V 10W	
	Stop lights / Taillights (rear)	12V 21W / NA	
	Work light (optional)	12V 27W (Roll-bar)	
OTHERS	Instrument lights	LED	
	Indoor light (CAB)	N/A	
	Instrument indicator light	LED	
	Cold start aid	Glow plug	
STD. TIRE	Front	23x8.50-12 (4PR)	
	Rear	305/70-16.5 (6PR)	
WHEEL TRACK ADJUSTMENT	Front	Tracks	N/A
		Dimension	909mm (35.8 in)
	Rear	Tracks	N/A
		Dimension	856mm (33.7 in)
<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	3.8L (1.0 U.S. gals)	ASTM D6210	Soft water (50%) + Anti-freeze (50%)
Fuel	25L (6.6 U.S. gals)	ASTM D975 No.2	Ultra low sulfur diesel
Engine oil	4.2L (1.1 U.S. gals)	API CF-4 or CH-4	KIXX DL (Manufacturer : GS Caltex)
Transmission oil (common use for hydraulic lift and steering system)	HST: 20L (5.3 U.S. gals) MEC: 24L (6.3 U.S. gals)	API GL4 ISO VG 32/46	LSTH400G (Manufacturer : GS Caltex)
Front axle oil	3.0L (0.8 U.S. gals)	API GL4 SAE 80W	EPK 80W90 (Manufacturer : S-OIL TOTAL co. Ltd.)
Grease (Front axle holder, 3-point linkage, etc)	Proper amount	NLGI 2	MAHWAK Multi purpose or MAHWAK All purpose (Caltex)

RECOMMENDED ENGINE OIL VISCOSITIES

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

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.

Ambient 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											
	SAE 5W-20										
	SAE 10W-30										
SAE 15W-40											