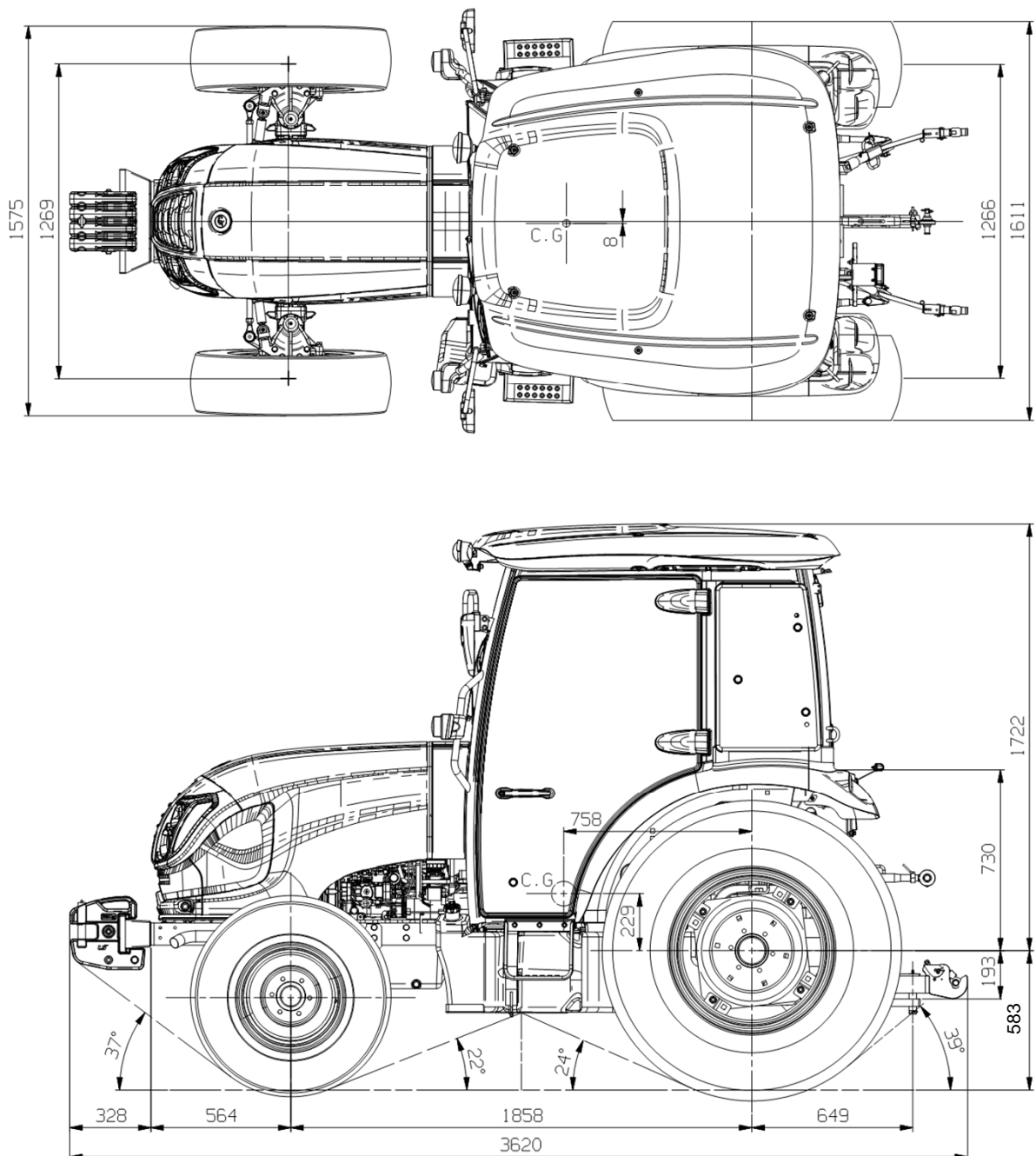


7. Dimension and Specification

- R65

(Unit : mm)



* When applying front tires : 9.5-16 6PR / rear tires : 13.6-24 8PR

		R65
WEIGHT	Mechanical Type	1930kg (4255 lb)
	HST Type	N/A
	Bumper	27kg (59.5 lb) (optional)
	Front weight	20kg (44.1 lb) x 6 (optional)
ENGINE	Model	L4AL-T1
	Type	4-stroke, vertical, water cooling
	No. of cylinder	4
	Diameter x stroke	90x103 (3.54x4.05 in)
	Displacement	2621cc (156.0 in ³)
	Compression ratio	17.5 : 1
	Engine speed	875~2800 rpm
	Maximum torque	209N.m / 1600 rpm
	Rated power	45.6kW / 2500 rpm
FUEL INJECTION SYSTEM	Type	Bosch VE Type
	Fuel filter	Replaceable cartridge type
	Injection order	1-3-4-2
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	F16xR16 mechanical / F32xR16 mechanical with creeper (optional)
	Main clutch	Dry single clutch
	Forward / Reverse	Synchrom-shuttle type
	Differential lock	Mechanical pedal type

			R65
PTO	Type		Independent PTO with wet disk clutch / GSP (optional)
	No. of speed		3 speed gears (optional)
	PTO / Engine		1 st speed : 540 rpm / 2409 rpm 2 nd speed : 750 rpm / 2375 rpm 3 rd speed : 1000 rpm / 2381 rpm
HYDRAULIC LIFT	3-Point linkage		CAT.1
	Draft load detection		Upper link (optional)
	Lowering speed control and cylinder fixing device		Down speed control valve
	Pump		Gear pump type, Engine drive
	Rated flow		31.2LPM (8.2GPM)
	System pressure		16.7MPa (170kg/cm², 2418psi)
	Lift capacity	Lower link end	1250 kgf (2756 lbf)
24” behind lift point		1120 kgf (2469 lbf)	
REMOTE CONTROL	Type		Double acting (Spring return type or detent type) (optional)
	No. of Q/coupler		4EA (optional : 2 or 6EA)
	F/Loader coupler		Front outlet valve / Joystick loader valve (optional)
STEERING SYSTEM	Type		Hydrostatic
	Oil		Transmission oil
	Min. turning radius (with brake)		2.75m (9.02ft)
	Max. steering angle		57° / 45°
	No. of steering turns		2.8 turns (lock to lock)
	Oil flow		15.6LPM (4.1GPM)
	System pressure		14.2MPa (2062.psi)

			R65
ALTERNAT OR	Rated output		12V-50A
	Voltage control		Built-in (IC type)
BATTERY	Voltage		12V
	Capacity		80AH
START MOTOR	Output power		12V-2.2kW
	Operation		Solenoid
LIGHTS	Headlights (Lower / Upper)		12V 55W / 60W
	Turn signal lights		12V 21W
	Side lights (front)		12V 5W
	Stop light / Taillight (rear)		12V 21W / 5W
	Work lights		12V 27W (Grille) / 37.5W (Cab)
	Instrument lights		LED
	Indoor light (CAB)		12V 10W
	Instrument indicator lights		LED
	Cold start aid		Glow plug
STD. AGRI. TIRE	Front		9.5-16 (6PR)
	Rear		13.6-24 (8PR)
WHEEL TRACK ADJUSTMENT	Front	Tracks	2
		Dimension	1261~1269 mm (49.6~50.0 in.)
	Rear	Tracks	N/A
		Dimension	1266 mm (49.8 in.)
** 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 **			

Lubricants and Capacity

Lubricants	Capacity	International Standard	Recommended products
Engine coolant	7.5 L (2.0 U.S.gals.)	ASTM D6210	Soft water (50%) + Anti-freeze (50%)
Fuel	58 L (15.3 U.S.gals.)	ASTM D975 No.2	Low sulfur diesel fuel
Engine oil	7.0 L (1.9 U.S.gals.)	API CF-4 or CG-4	KIXX DL (Manufacturer : GS Caltex)
Transmission oil (common use for hydraulic lift and steering system)	43 L (11.4 U.S.gals.)	API-GL4 ISO VG 32/46	LSTH400G (Manufacturer : GS Caltex)
Front axle oil	8 L (2.1 U.S.gals.)	API GL4 SAE 80W	EPK 80W90 (Manufacturer : S-OIL TOTAL Co. Ltd.)
Grease (Front axle holder, Steering cylinder pin, 3-point linkage, etc.)	Proper amount	NLGI 2	CALTEX MAHWAK Multi purpose or CALTEX MAHWAK All purpose

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											