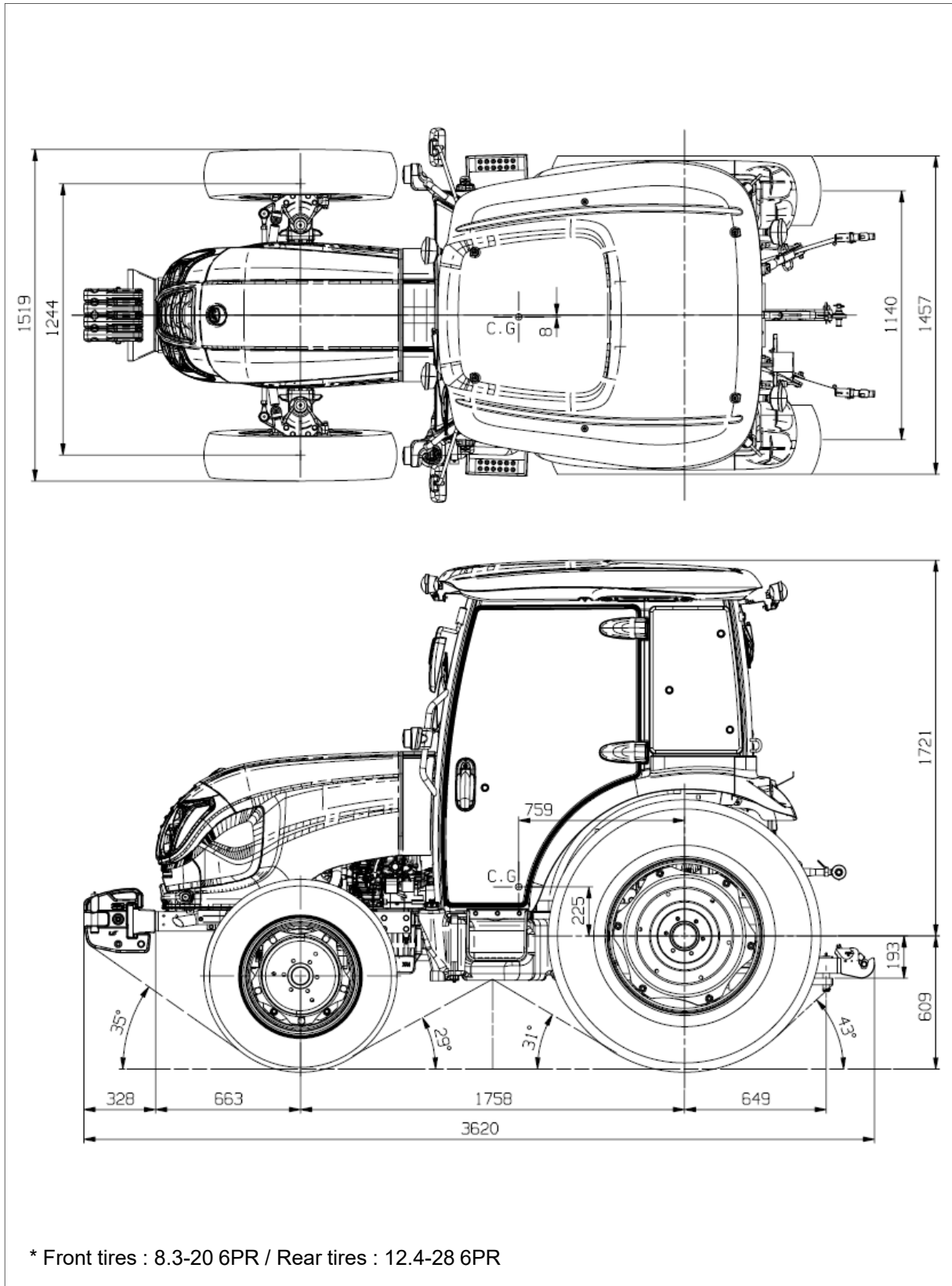


7. Dimension and Specification

① Cabin type

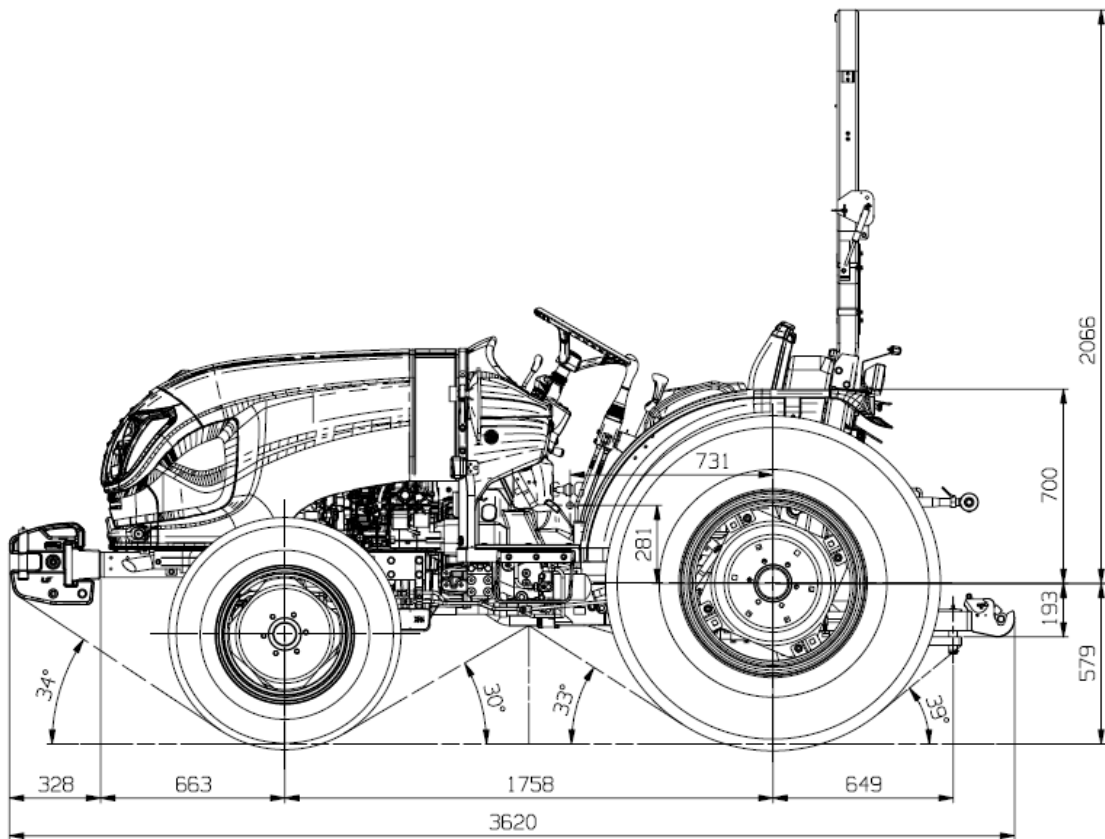
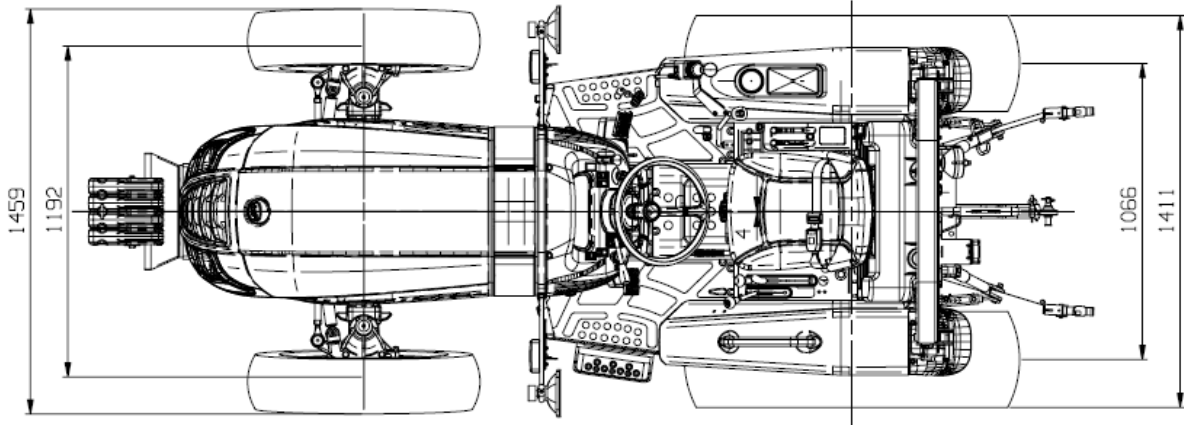
(Unit : mm)



* Front tires : 8.3-20 6PR / Rear tires : 12.4-28 6PR

② Rear foldable roll-bar type

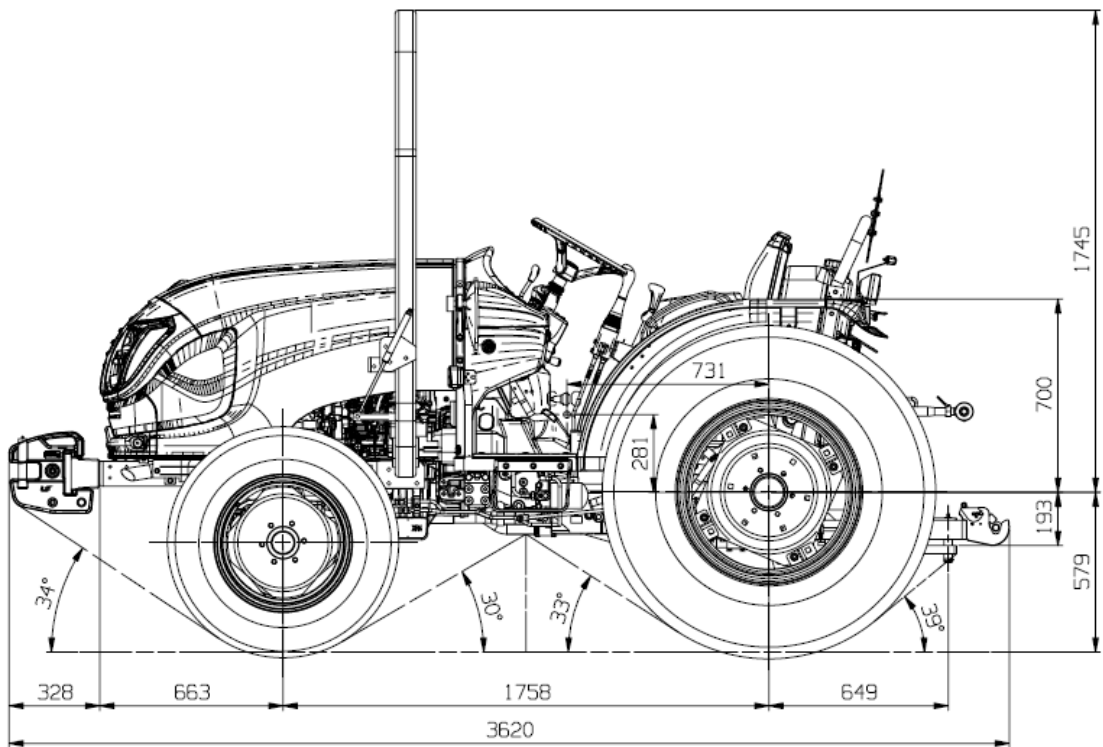
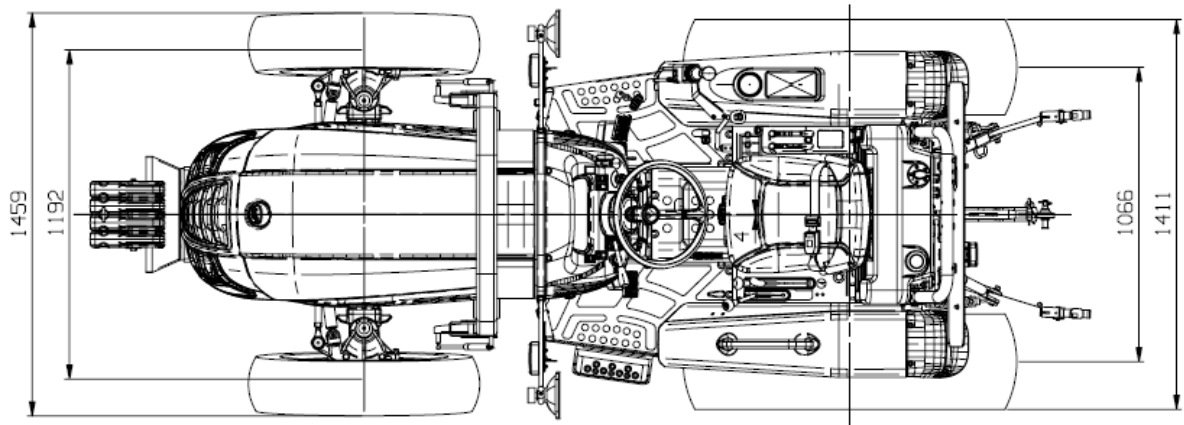
(Unit : mm)



* Front tires : 8-18 6PR / Rear tires : 13.6-24 8PR

③ Front foldable roll-bar type

(Unit : mm)



* Front tires : 8-18 6PR / Rear tires : 13.6-24 8PR

		MT3.45	MT3.50	MT3.55	MT3.60
WEIGHT	Roll-bar	1720kg (3792 lb)			
	CABIN	1950kg (4299 lb)			
	Weight distribution	Front : Rear = 0.42 : 0.58(Roll-bar), Front : Rear = 0.43 : 0.57(Cabin)			
	Bumper/Front weight	21kg (46.3 lb) / 20kg (44.1 lb) x 4ea (optional)			
ENGINE	Model	L3CRV-T10A	L3CRV-T9A	L3CRV-T8	L3CRV-T7
	Type	4-stroke, vertical, water cooling, CRDI			
	No. of cylinder	3			
	Diameter x stroke	88x103 (3.46x4.06 in)			
	Displacement	1879cc (114.7 in ³)			
	Compression ratio	17 : 1			
	Engine speed	850 ~ 2800 rpm			
	Maximum torque	162 N.m@1600	167 N.m@1600	174 N.m@1600	188 N.m@1600
	Rated power	31.3 kW@2600	35.1 kW@2600	38.8 kW@2600	42.5 kW@2600
FUEL INJECTION SYSTEM	Type	Delphi CRDI (Common Rail Direct Injection)			
	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	F16xR16 Mechanical / F32xR16 Mechanical with creeper / HST			
	Main clutch	Dry single clutch for Mechanical only			
	Forward / Reverse	Synchro-shuttle type for Mechanical / HST pedals			
	Differential lock	Mechanical pedal type			

		MT3.45	MT3.50	MT3.55	MT3.60
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 : 540 rpm / 1710 rpm (540E PTO) 3 rd speed : 1000 rpm / 2381 rpm			
HYDRAULIC LIFT	3 Point linkage	CAT1			
	Draft load detection	Upper link			
	Lowering speed control and cylinder fixing device	Down speed control valve			
	Pump	Gear pump type, Engine drive			
	Rated oil flow	30.9LPM (8.2GPM)			
	System pressure	17.5MPa (2538psi)			
	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 / 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)	3.01m (9.88ft)			
	Max. steering angle	57°			
	No. of steering turns	3.7 turns (lock to lock)			
	Rated oil flow	15.6LPM (4.1GPM)(Mechanical) 20.8LPM (5.5GPM)(HST)			
	System pressure	14.2MPa (2062.psi)			

		MT3.45	MT3.50	MT3.55	MT3.60
ALTERNAT OR	Rated output	12V - 70A			
	Voltage control	Built-in (IC type)			
BATTERY	Voltage	12V			
	Capacity	80AH			
START MOTOR	Output power	12V, 2.2kW			
	Operation	Solenoid			
LIGHTS	Headlights (Low / High beam)	12V 55W / 60W			
	Turn signal lights (front)	12V 21W			
	Side lights (front)	12V 5W (Cabin)			
	Turn signal lights (rear)	12V 21W			
	Stop light / Taillight (rear)	12V 21W / 5W			
	Work lights	12V 27W (Grille) / 37.5W (Cabin) / 27W (Roll-bar)			
	Indoor light	12V 10W (Cabin only)			
	Instrument & indicator lights	LED			
	Cold start aid	Glow plug			
STD. AGR. TIRE	Front	8-18 6PR(roll-bar) / 8.3-20 6PR(cabin)			
	Rear	13.6-24 8PR(roll-bar) / 12.4-28 6PR(cabin)			
WHEEL TRACK ADJUSTMENT	Front	Tracks	2 tracks(roll-bar) / 5 tracks(cabin)		
		Dimension	1192~1338mm (46.9~52.7 in.) / 1244~1444 mm (49.0~56.9 in.)(cabin)		
	Rear	Tracks	5 tracks(roll-bar) / 4 tracks(cabin)		
		Dimension	1066~1266mm (42.0~49.8 in.)(roll-bar) / 1140~1306 mm (44.9~51.4 in.)(cabin)		
<p align="center">** 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	9.2 L (2.4 U.S.gals.)	ASTM D6210	Soft water (50%) + Anti-freeze (50%)
Fuel	32 L for Roll-bar (8.5 U.S.gals.) 47 L for Cabin (12.4 U.S.gals.)	- ASTM D975-08a Grade 2 - EN590 : 2009 Diesel fuel - BS2869 : 2006 Class A2	Ultra low sulfur diesel fuel, below 15 ppm
Engine oil	5.9 L (1.6 U.S.gals.)	API CJ-4, ACEA E3	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	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. Contact your authorized local dealer.

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-40 →										
	← SAE 10W-30 →										
	← SAE 15W-40 →										