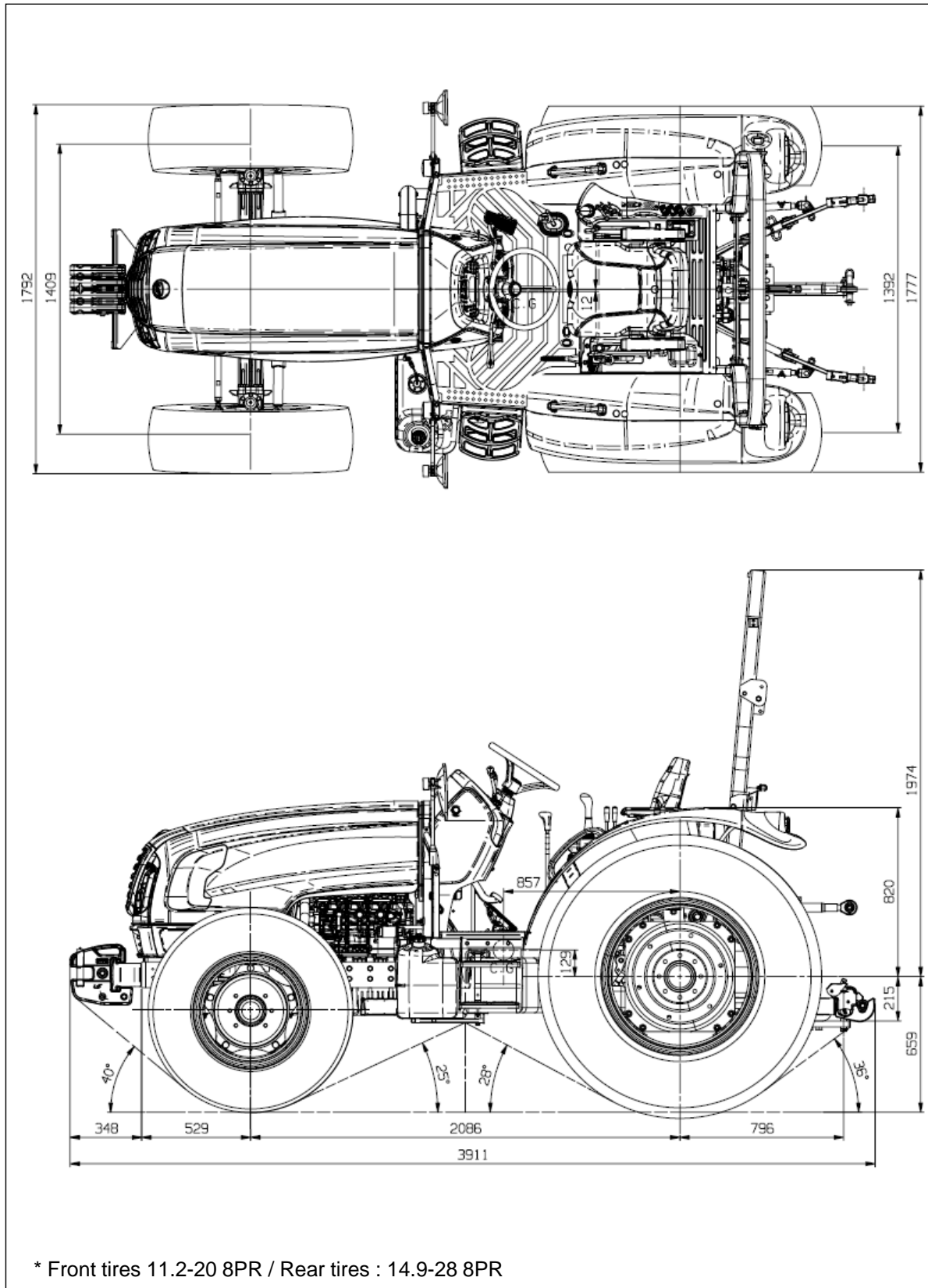


7. Dimension and Specification

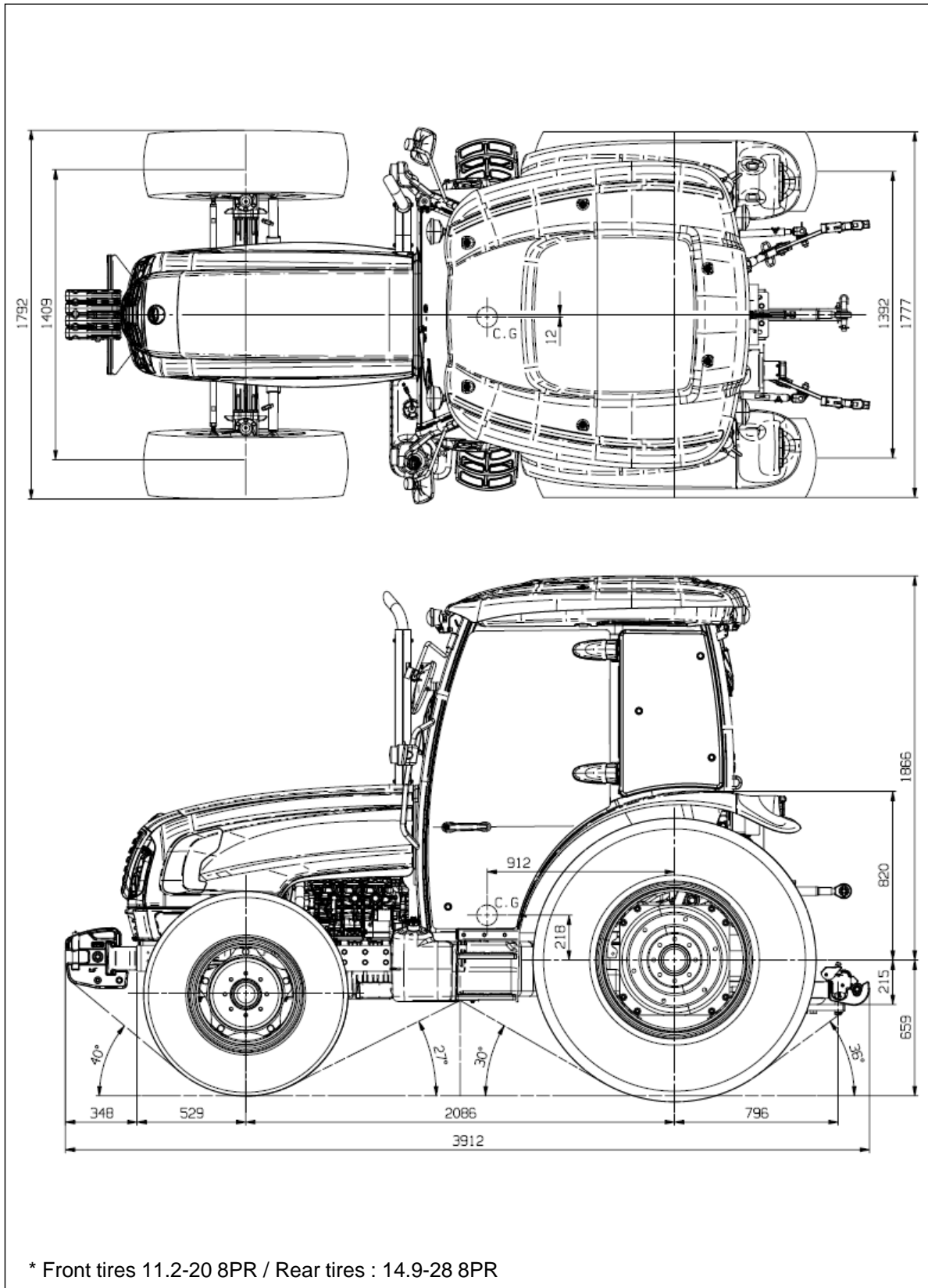
① Roll-bar type

(Unit : mm)



② Cabin type

(Unit : mm)



* Front tires 11.2-20 8PR / Rear tires : 14.9-28 8PR

		XU6158	XU6163	XU6168
WEIGHT	Frame Type	2080kg (4586 lb)		
	Cabin Type	2290kg (5049 lb)		
	Bumper	33kg (72.8 lb) (optional)		
	Front weight	20kg (44.1 lb) x 8 (optional)		
ENGINE	Model	L4C25-T4	L4C25-T3	L4C25-T2
	Type	In-line vertical, Water cooled 4-cycle diesel, CRDI		
	No. of cylinder	4		
	Diameter x stroke	88x103 (3.46x4.06 in)		
	Displacement	2505cc (152.86 in ³)		
	Compression ratio	17:1		
	Engine speed	850 ~ 2700 rpm		
	Maximum torque	206 N.m @1600rpm	221 N.m @1600rpm	236N.m @1600rpm
	Rated power	43.2kW @2500rpm	47.0kW @2500rpm	50.7kW @2500rpm
FUEL INJECTION SYSTEM	Type	CRDI		
	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 transmission / F32xR16 with Creeper (optional) F16xR16 Power shuttle (optional)		
	Main clutch	Dry single clutch (Mechanical) / Wet clutch disks (Power shuttle)		
	Forward / Reverse	Synchro-shuttle type / Power shuttle (optional)		
	Differential lock	Mechanical pedal type		

		XU6158	XU6163	XU6168
PTO	Type	Independent PTO / GSP (optional)		
	PTO gears	3-speed gears (optional)		
	PTO gears : PTO / Engine speed	540 : 540 rpm / 2409 rpm 540E : 540 rpm / 1710 rpm 1000 : 1000 rpm / 2381 rpm		
HYDRAULIC LIFT	3 Point linkage	CAT. 2		
	Draft load detection	Upper link		
	Lowering speed control and cylinder fixing device	Down speed control valve		
	Pump	Gear type, Engine drive		
	Rated flow	39.8LPM (10.5GPM)		
	System pressure	17MPa (2466psi)		
	Lift capacity	Lower link end	1850 kgf (4079 lbf)	
24" behind lift point		1580 kgf (3483 lbf)		
REMOTE CONTROL	Type	Double acting / spring return 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)	3.3m (10.8ft)		
	Max. steering angle	55° / 44°		
	No. of steering turns	3.7 turns (lock to lock)		
	Rated oil flow	17.5LPM (4.6GPM)		
	System pressure	14.2MPa (2062psi)		

			XU6158	XU6163	XU6168
ALTERNAT OR	Rated output	12V, 70A			
	Voltage control	Built-in (IC type)			
BATTERY	Voltage	12V			
	Capacity	100Ah			
START MOTOR	Output power	12V, 2.0kW			
	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 light	12V 27W(Grille) / 35W(Roll-bar) / 37.5W(Cabin)			
	Instrument lights	LED			
	Indoor light	12V 10W (Cabin only)			
	Instrument indicator light	LED			
	Cold start aid	Glow plug			
STD.AGRI. TIRE	Front	11.2-20 (8PR)			
	Rear	14.9-28 (8PR)			
WHEEL TRACK ADJUSTMENT	Front	Tracks	7		
		Dimension	1410~1742mm (55.5 ~ 68.6 in.)		
	Rear	Tracks	4		
		Dimension	1392~1718mm (54.8 ~ 67.6 in.)		
<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 ITEMS
Engine coolant (Radiator)	9.4 ℓ (2.4U.S.gals)	ASTM D6210	Soft water (50%)+ Anti-freeze (50%)
Fuel	80 ℓ (21.1U.S.gals)	ASTM D975 No.2	Ultra low sulfur diesel fuel
Engine oil (crankcase)	7.0 ℓ (1.8U.S.gals)	API CJ-4, ACEA E3	KIXX DL (Maker : GS Caltex)
Transmission oil (common use for Hydraulic lift, hydraulic steering device)	47 ℓ (12.4U.S.gals)	API GL4 ISO VG 32/46	LSTH400G (Maker : GS Caltex)
Front axle oil	10 ℓ (2.6U.S.gals)	API-GL4 SAE 80W	EPK 80W90 (Maker : S-OIL TOTAL Co. Ltd.)
Grease (Front axle arm holder, Steering cylinder pin, 3-point linkage)	Proper amount	NLGI 2	MAHWAK Multi purpose or MAHWAK All purpose (Caltex)

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