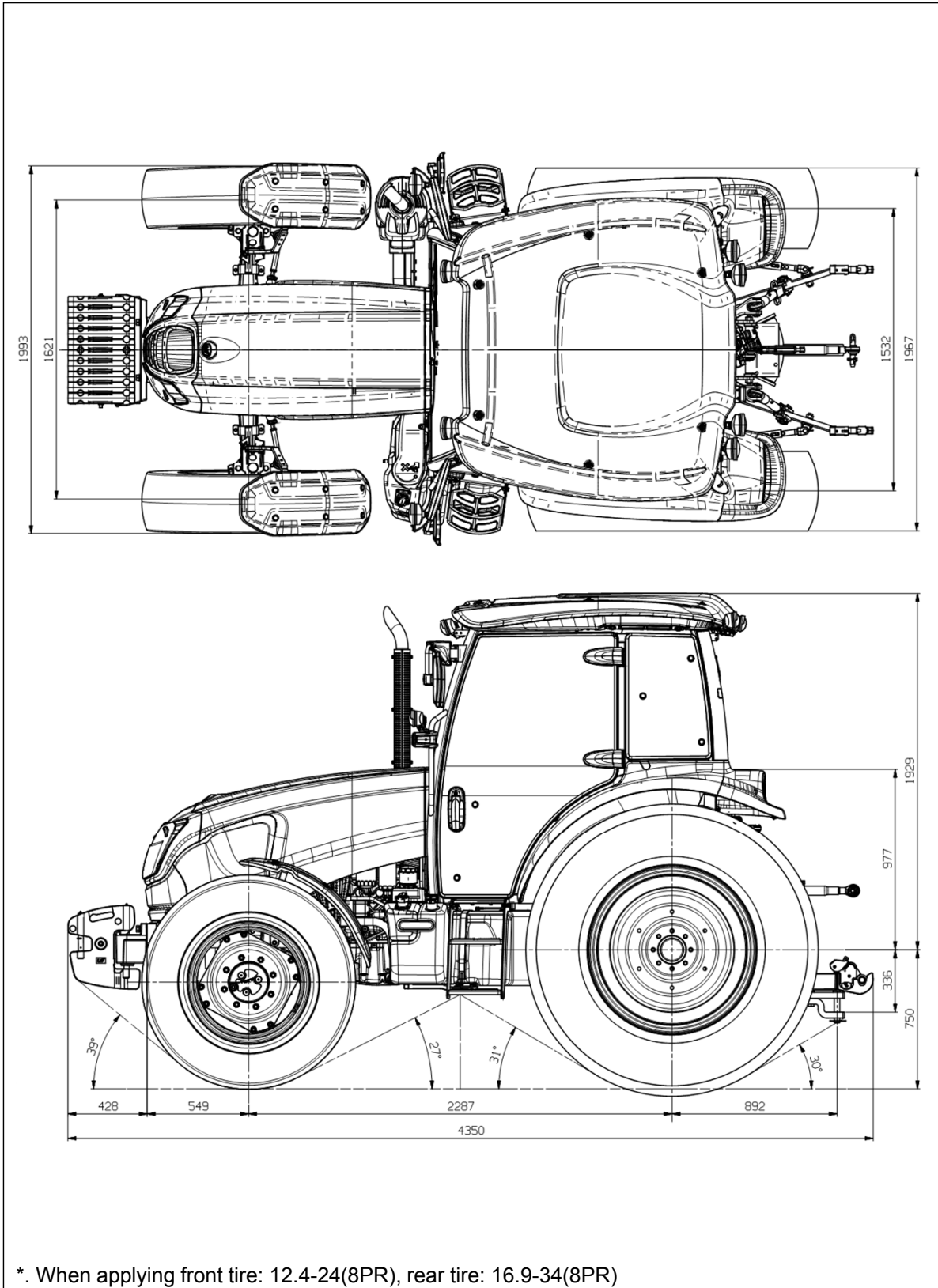


8. Dimension and Specification

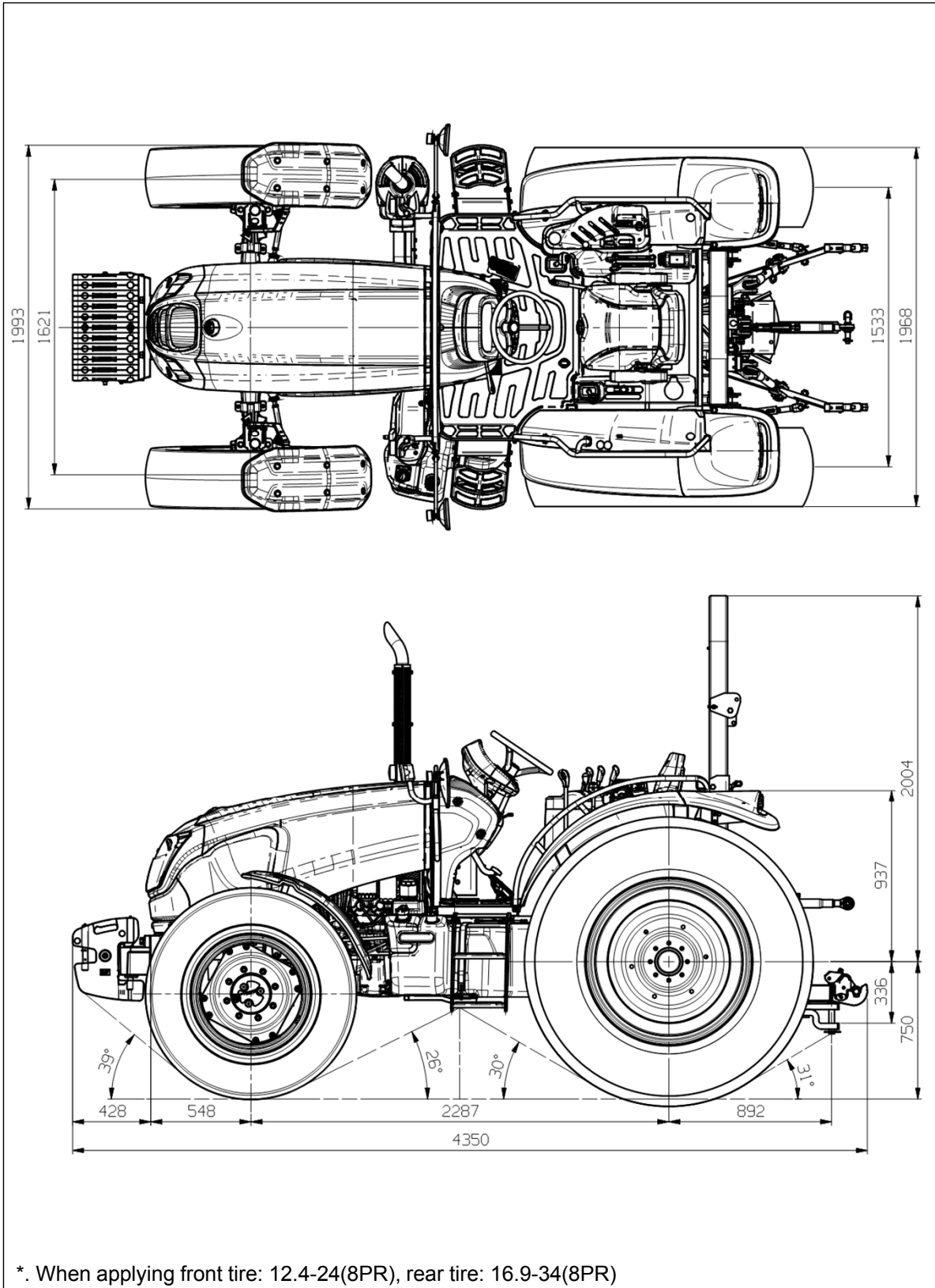
(1) Cabin type

(Unit : mm)



(2) Roll-bar type

(Unit : mm)



*. When applying front tire: 12.4-24(8PR), rear tire: 16.9-34(8PR)

		XP8084	XP8094	XP8101
WEIGHT	Roll-bar Type	3209kg (7075 lb)	3265kg (7198 lb)	3265kg (7198 lb)
	Cabin Type (with bumper)	3453kg (7613 lb)	3509kg (7736 lb)	3509kg (7736 lb)
	Weight distribution	Front : Rear = 0.43 : 0.57(Roll-bar), Front : Rear = 0.45 : 0.55(Cabin)		
	Bumper/Front weight	60kg (132 lb) / 40kg(88 lb) x 6~10ea (optional)		
	Rear weight	45kg(99 lb) x 2~4ea (optional)		
ENGINE	Model	F5G-63kW	F5G-70kW	F5G-75kW
	Type	In-line, water cooled, 4 stroke, CRDi		
	No. of cylinder	4		
	Diameter x stroke	99 x 110mm (3.90 x 4.33 in)		
	Displacement	3387cc (206.7 in. ³)		
	Compression ratio	17 : 1		
	Engine speed	850 ~ 2400 rev/min		
	Maximum torque	354N.m / 1400rpm	395N.m / 1400rpm	430N.m / 1400rpm
	Engine power	63kW / 2200 rpm	70kW / 2200 rpm	75kW / 2200 rpm
FUEL INJECTION PUMP	Type	Bosch CP4.11		
	Fuel filter	Replaceable cartridge type		
	Injection order	1-3-4-2		
LUBRICATION SYSTEM	Type	Forced circulation type		
	Pump	Trochoid gear pump		
	Filter	Replaceable cartridge type		
COOLING SYSTEM	Pump	Centrifugal type		
	Temperature control	Thermostat		
	Air cleaner	Dry type		
TRANS-MISSION	Type	F12xR12 mechanical / F20xR20 mechanical with creeper / F24xR24 Hi-Lo / F40xR40 Hi-Lo with creeper (optional)		
	Main clutch	Dry single clutch for Mechanical / Wet disks for Power shuttle (optional)		
	Forward / Reverse	Synchro-shuttle for Mechanical / Power shuttle (optional)		

		XP8084	XP8094	XP8101
Differential lock		Electro-Hydraulic Differential lock (EHD)		
PTO	Type	Independent PTO with wet disk clutch		
	No. of speed	3 speed gears (optional)		
	PTO / Engine	1 st speed : 540 rpm / 1958 rpm 2 nd speed : 540E rpm / 1535 rpm 3 rd speed : 1000 rpm / 2125 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 pump type, Engine drive		
	Rated flow	59.4LPM (15.7 gpm)		
	System pressure	18.6MPa (2702psi)		
	Lift capacity	Lower link end	3290 kgf (7253 lbf)	
24" behind lift point		2350 kgf (5181 lbf)		
REMOTE CONTROL	Type	Double acting (Spring return type / Detent type(optional))		
	No. of Q/coupler	SAE ½", 4~6EA (optional)		
	F/Loader coupler	Front outlet valve / Joystick loader valve (optional)		
STEERING SYSTEM	Type	Hydrostatic		
	Oil	Transmission oil (common use)		
	Min. turning radius (with brake)	3.5m (11.5ft)		
	Max. steering angle	53°		
	No. of steering turns	4.0 turns from stop to stop (maximum)		
	Rated flow / pressure	24.8LPM (6.5 gpm) / 14.2MPa (2060 psi)		

			XP8084	XP8094	XP8101
ALTERNAT OR	Rated output	14V, 1.68kW (120A)			
	Voltage control	Built-in (IC type)			
BATTERY	Voltage	12V			
	Capacity	110AH			
START MOTOR	Output power	3.2KW			
	Operation	Solenoid start			
LIGHTS	Headlights (Low / High beam)	12V 55W / 60W			
	Turn signal lights	12V 16W			
	Side lights (front)	LED			
	Stop light / Taillight (rear)	LED / LED			
	Work light	12V 27W(Grille) / 37.5W(Cab) / 35W(Roll-bar)			
OTHERS	Instrument panel lights & indicators	LED			
	Indoor light (CAB)	12V 10W			
	Auxiliary head lights	12V 55W			
	Cold start aid	Glow plug			
STD. AGR. TIRE	Front	12.4-24 (8PR)	12.4-24 (8PR)	12.4-24 (8PR)	
	Rear	18.4-30 (8PR)	16.9-34 (8PR)	16.9-34 (8PR)	
WHEEL TRACK ADJUSTMENT	Front	Tracks	4	4	4
		Dimension	1621~1821mm (63.8 ~ 71.7 in.)	1621~1821mm (63.8 ~ 71.7 in.)	1621~1821mm (63.8 ~ 71.7 in.)
	Rear	Tracks	4	4	4
		Dimension	1534~1838mm (60.4~72.4 in.)	1532~1844mm (60.3~72.6 in.)	1532~1844mm (60.3~72.6 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	12 L (3.2 U.S.gals.)	ASTM D6210	Soft water (50%)+ Anti-freeze (50%)
Fuel	115 L (30.4 U.S.gals.)	ASTM D975 No.2 or EN 590	Ultra low sulfur diesel
DEF/urea solution	16 L (4.2 U.S.gals.)	ISO 22241 / AUS32 / DIN V70070	32.5% Urea solution
Engine oil	8.1 L (2.1 U.S.gals.)	API CJ-4 or ACEA E8	KIXX DL (Manufacturer : GS Caltex)
Transmission oil (common use for hydraulic lift and steering system)	55 L (14.5 U.S.gals.)	API GL4 ISO VG 32/46	LSTH400G (Manufacturer : GS Caltex)
Front axle oil	4.4 L (1.2 U.S.gals) for center housing 0.6 L (0.2 U.S.gals) for each final housing =5.6 L (1.5 U.S.gals)	API GL4 SAE 80W	EPK 80W90 (Manufacturer : S-OIL TOTAL Co. Ltd.)
Grease (Front axle holder, 3-point linkage)	Proper amount	NLGI 2	MAHWAK Multi purpose or MAHWAK All purpose (Caltex)
Clutch & Brake oil	0.5 L (0.1 U.S.gals.)	Mineral based oil (ISO 7308)	LSTH400 (S-OIL TOTAL) LHM PLUS (TOTAL) LHM (Mobil) LHM-S (Shell)

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	Lubricant No.
Cold mission	-28°C ~ 35°C (-18°F ~ 95°F)	SAE 10W-30
European / North American mission	-10°C ~ 40°C (14°F ~ 104°F)	SAE 15W-40
Very hot countries / Heavy mission	0°C ~ 40°C (32°F ~ 104°F)	SAE 20W-40