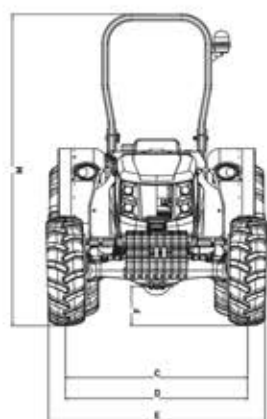
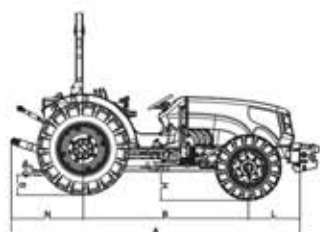




502 FG-504 FG



	502 FG		504 FG	
ENGINE				
Emissions	STAGE III-A (Tier 3)		STAGE III-A (Tier 3)	
Model	PERKINS / 1103D-33 (3308/2200)		PERKINS / 1103D-33 (3308/2200)	
Power	36.9 kW @ 2200 rpm		36.9 kW @ 2200 rpm	
PTO Power	31 kW		31 kW	
Rated speed	2350 rpm		2350 rpm	
Number of cylinders - Cubic capacity	3 Cylinders / 3.3 liters		3 Cylinders / 3.3 liters	
Aspiration	Naturally aspirated		Naturally aspirated	
Bore x Stroke	105 mm x 127 mm		105 mm x 127 mm	
Max Torque	196 Nm		196 Nm	
Torque reserve	22.5%		22.5%	
CLUTCH				
Type	Dry, dual, mechanical control		Dry, dual, mechanical control	
Diameter	11" (280 mm)		11" (280 mm)	
Lining	Serametalic		Serametalic	
TRANSMISSION				
Type	ZF T-537		ZF T-537	
Shifting	(F)x(H+L)x4x2 - (R)x4x2		(F)x(H+L)x4x2 - (R)x4x2	
Gears forwards/reverse	16 forward / 8 reverse		16 forward / 8 reverse	
Speed	1.63 – 33.66 km/hr		1.63 – 33.66 km/hr	
PTO SHAFT				
Type	Independent		Independent	
Speed	540/540E rpm 540-1000 rpm (optional)		540/540E rpm 540-1000 rpm (optional)	
HYDRAULICS				
Type	Mechanical with draft		Mechanical with draft	
Three point linkage	Cat. 2 linkage with ball ends		Cat. 2 linkage with ball ends	
Control	Position, draft and mixed		Position, draft and mixed	
Lift capacity	2400 Kg		2400 Kg	
Operating Pressure	180 Mpa		180 Mpa	
Pump capacity	48.5 lt/min @ 2400 rpm		48.5 lt/min @ 2400 rpm	
Remote valves	Standart 2 set Valves		Standart 2 set Valves	
OTHER				
Drive system	2 WD / 4 WD		2 WD / 4 WD	
Operating space	Rollbar		Rollbar	
Steering	Hydrostatic		Hydrostatic	
Service Brake	Mechanical, oil-cooled, 4+4 plate disc brakes		Mechanical, oil-cooled, 4+4 plate disc brakes	
Parking Brake	Mechanic		Mechanic	
Front axle 2WD	10° Oscillation - 50° turning angle		10° Oscillation - 50° turning angle	
Front axle 4WD	8° Oscillation - 52° turning angle LSD		8° Oscillation - 52° turning angle LSD	
Rear axle	Planetary gear system Mechanical diferantial locking		Planetary gear system Mechanical diferantial locking	
Standart Ballast				
Front Ballast			4 X 30Kg	
Rear Ballast	2 x 40Kg		2 x 40Kg	
DIMENSIONS				
A-Length	4020mm		4020mm	
B-Wheelbase	2100 mm		2130 mm	
C-Front track width	1300 mm		1350 mm	
D-Rear track width	1300 mm		1300 mm	
E-Width	1680 mm		1680 mm	
F-Ground clearance	395 mm		285 mm	
G-Ground clearance with Trailer	260 mm		260 mm	
H-Folded ROPS height	1550 mm		1550 mm	
K-Distance from Muffler				
L-Distance from front to axle axis	960 mm		915 mm	
M-Maximum Height	2530 mm		2530 mm	
N-Distance from lowerlink ends to rear axle axis	925 mm		925 mm	
Standart Front Tyre	Front	6.50 - 16	280/70 R20	
Standart Rear Tyre	Rear	380/70 R28	380/70 R28	
Tractor Weight (Unballast)	Rollbar	2400 Kg	2750 Kg	
	Cab			
ROPS				
Rollbar	YES		YES	
Cab	NO		NO	