



WORLDWIDE CONSTRUCTION MACHINERY PTY LTD.

FT254 | FT404 | FT824



WORLDWIDE CONSTRUCTION MACHINERY

GENERAL TECHNICAL SPECIFICATIONS

Frame	No Frame	Clearance to ground	229 (install 8.5 - 24 tyre) / 235 (install 9.5 - 24 tyre) [the bottom side of transmission housing to ground]
Front shaft	Reverse U pipe		
Tyres air pressure (kPa) - TRANSPORT		Turning radius (m)	
Front	200 - 250	Side brake	2.6 + 0.2
Rear	120 - 150	No side brake	3.1 + 0.3
Tyres air pressure (kPa) - TILLING			
Front	200 - 250	Structure weight (kg)	1080 (two cylinder) 1130 (three cylinder)
Rear	100 - 120	Min. operational weight (kg)	1170 (two cylinder) 1230 (three cylinder)
Tyre Specification (inch)		Ballast (kg) (optional)	
Front	4.00 - 16/5.00 - 15	Front	60
Rear	8.3 - 24/9.5 - 24	Rear	140
Toe in of front wheel (mm)	4 - 10	Rated traction force (kN)	6.5
Swing angle of front shaft (side)	12°	PTO power (kW)	16
Steering - gear	Ball worm roller type	Gearshift	8F+2R or 16F+4R
Max. steering angle of front wheel	50°	Theoretic speed (km/h) is subject to 8.5 - 24 tyre - WORK GEAR	
Brake	Shoe brake	Forward	1.96, 2.93/2.70, 4.59/4.30, 6.33/6.05, 8.88/8.40, 13.52/12.94, 21.20/20.30, 29.25/27.90
Trailer brake	Air filling brake	Reverse	2.58, 11.91
Tilling depth controlling way	Simple position	Theoretic speed (km/h) is subject to 8.5 - 24 tyre - CREEP GEAR (optional)	
controlling and floating	controlling	Forward	0.851 1.31, 2.05, 2.83, 3.96, 6.04, 9.49, 13.09
Hydraulic oil pump	CBM-E206 gear pump	Reverse	1.13, 5.20
Box x stroke (mm)	63 x 100		
Adjusting pressure of safety valve (MPa)	14.4 - 9.5	Model	FT254
Open pressure of safety valve (MPa)	16.5	Type	Vertical water cooling four stroke diesel engine
Max. lifting force (kN)	4.54	Cylinders	3
(at 610mm distance from the suspension point)	Rear installation, three	Bore x stroke (mm)	65 x 90
Suspension system (mm)		Combustion chamber type	turbo
point linkage @ category		Rated power (kW)	16.37
The pin hole Dia of upper suspension point (mm)	19	Rated speed (r/min)	2350
The pin hole Dia of lower suspension point (mm)	22	Rated fuel consumption rate (g/kWh)	<202.5
Hydraulic output	M18 x 1.5 output interface	Rated oil consumption rate (g/kWh)	<2.72
Output flow (L/min.)	13.2 - 14.1	Clutch	Single plate, dry disk spring press type normal connection not single dual stage
PTO (r/min.)	Non-independence, 540/720 (540/1000 optional) 35.6 splines, not angle shaft		
PTO shaft Dia. (mm)	The height to ground is 466-537 clockwise (looking from the back of the tractor)		
PTO position (mm)	The height to ground is 404.5-474.5 / 476.5-546.5		
PTO steering direction	20		
Trailer hook height (mm)			
Head pin Dia. (mm)			
Electric system	12V, single line, negative to ground		
Battery	6-QA-90		
Starting motor	QD1257 or QD1240, 12V, 1.8kW		
Alternator	2JF200 or JF01C, 14V 200W		
Regulator	FT70		
Head light	12V, 45W/40W 2 pieces, non-symmetric		
	12V, 10W 2 pieces		
Front steering light	12V, 30/20/10 reflector (red)		
Rear combine light	2 pieces for each		
	12V, 30W, 1 A		
Rear working light	Galvanometer, oil pressure meter, thermometer		
Dashboard	JK230		
	Pvc - heater		
Starting switch			
Cooling starting device			
Water radiator	10		
Fuel tank	21		
Engine sump	3.5		
Gearbox	11		
Lubric oil	9		
Model	FT254		
Type	4 x 4 wheeled tractor		
Overall Dimensions (mm)			
Length (including rear suspension system)	2880		
Width	1530		
Height (to muffler top)	1340		
Wheelbase (mm)	1750		
Track (mm)			
Front wheel	1200		
Rear wheel	1000/1000-1100 (adjustable) /1200-1300 (adjustable)		