

424 Compact Utility Tractor Specifications



ENGINE	
Maker	Yanmar
Model	3TNV80F
Type	4 Cycle Inline, Water Cooled Diesel
Number of Cylinders	3
Bore and Stroke in. (mm)	3.15x3.30 (80x84)
Total Displacement cu. In. (L)	77.2 (1.266)
Gross Power: EPA Regulation HP (kW)	23.9 (17.8)
Net Power HP (kW)	21.7 (16.2)
Rated Revolution RPM	3,200
Maximum Torque ft.lbs. (Nm)	45.7 (62.0)
Battery	540 CCA
Fuel	Diesel
CAPACITIES	
Fuel Tank US gal (L)	6.0 (22.8)
Engine Oil US qt. (L)	3.6 (3.4)
Engine Coolant US qt. (L)	3.0 (2.8)
Transmission Oil US gal (L)	4.1 (15.5)
Front Axle Oil US gal (L)	0.8 (3.0)
DIMENSIONS in. (mm)	
Overall Length (with 3-Point Hitch)	105.8 (2,688)
Overall Width (with R4 Tires)	54.1 (1,373)
Overall Height (with Roll-Over Protection (ROPS) and R4 Tires)	87.2 (2,215)
Overall Height (with Folded ROPS, R4 Tires, Top of Steering Wheel)	71.8 (1,824)
Overall Height (with R4 Tires, Top of Steering Wheel)	56.7 (1,440)
Wheel Base	63.0 (1,600)
Minimum Ground Clearance (with R4 Tires)	9.8 (249)
Tread (with R4)	Front: 37.8 (960), Rear: 40.5 (1,028)

WEIGHT lb. (kg)		
(with ROPS, R4 Tires)		1,830 (830)
TRAVELING SYSTEM		
Tires	Ag (R1) Turf (R3) Industrial (R4)	Front, Rear: - Front: 24x8.50-14 4PR, Rear: 36x14.00-15 4PR Front: 23x8.50-12 4PR, Rear: 14-17.5 6PR
Clutch	-	
Steering	Hydrostatic Power	
Transmission	Hydrostatic Transmission, 2 Range Speeds	
Drive	Selected 4WD	
Brake	Wet Disk	
Minimum Turning Radius ft. (m)	8.53 (2.6)	
HYDRAULIC UNIT		
Hydraulic Control System	Position Control, Open Center	
Pump Capacity (main) US gal/min. (L/min)	4.3 (16.1)	
Pump Capacity (steering) US gal/min. (L/min)	3.7 (14.1)	
3-Point Hitch	Limited Category 1	
Maximum Lift Force	Lift Point lb. (kg) 24 in. Behind Lift Point lb. (kg)	- 1,209 (548)
System Pressure psi (MPa)	2,429 (16.7)	
POWER TAKE OFF (PTO)		
Power Take Off (PTO) Power HP (kW)	18.1 (13.5)	
Type	Hydraulic Clutch	
Rear	Shaft Size Type Speed/Engine RPM	35mm OD, 6 Splines Independent 554/3,200
Mid	Shaft Size Type Speed/Engine RPM	SAE16/32, 15 Splines Independent 2,057/3,200
TRAVELING SPEEDS		
Forward mph (km/h)	Low: 0-6.3 (0-10.0), High: 0-13.1 (0-21.0)	
Reverse mph (km/h)	Low: 0-6.3 (0-10.0), High: 0-13.1 (0-21.0)	

424 Compact Utility Tractor Specifications (Continued)

YL110 CURVED BOOM LOADER DIMENSIONS	
Maximum Lift Height to Pivot Pin in. (mm)	79 (2,000)
Maximum Lift Height Under Level Bucket in (mm)	58 (1,465)
Reach at Maximum Lift Height in. (mm)	36 (920)
Reach with Bucket on Ground in (mm)	53 (1,355)
Digging Depth in. (mm)	3.9 (100)
Maximum Drop Angle degree	45
Maximum Rollback Angle degree	30
Lift Capacity (Pivot Pin) lb. (kg)	1,199 (545)
Breakout Force (Pivot Pin) lb. (kg)	2,090 (950)
Rollback Force (Ground Line) lb. (kg)	1,518 (690)
Rated Flow GPM (L/m)	4.3 (16.1)
System Pressure psi (MPa)	2,429 (16.7)
Rising Time to Full Height w/o Load sec.	3.7
Lowering Time w/o Load sec	2.3
Attachment Rollback Time sec.	2.3
Attachment Dumping Time (REGEN) sec.	1.6
Bucket Width in. (mm)	53 (1,346)
Bucket Capacity cu ft. (m3)	6.0 (0.17)
Bucket Weight lb. (kg)	165 (75)