

EXCAVATORS

▪ ME1503 ▪



MUSTANG[®]



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small in size, BIG on POWER

- Telescoping undercarriage creates a variable track width, allowing for extra stability and easier access through tight entry ways.
- Heavy-duty reinforced counterweight protects the entirety of the machine's components.
- Extra-large operator station with ergonomic controls, adjustable high-back seat, and forearm supports at each joystick provide all-day comfort.
- Operators can quickly check fluid levels through hydraulic sight gauge. Test fittings create fast service and diagnostics.
- Inspection and service is made simple through a large, swing-open access door to the hydraulic tank and second swing-open door that reveals the engine compartment.



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For more information on Mustang equipment, call our literature hotline at **800-628-0491** or visit our website: **mustangmfg.com**

* Lifting capacity hydraulically limited.

SPECIFICATIONS

		ME1503
ENGINE	Make/Model	Yanmar 3TNV76-SNS
	Type	3-cyl. water cooled diesel
	Displacement (cc)	68.1 cid (1116)
	Net Power (kW)	18 hp (13.2)
	Fuel Tank (L)	6.3 gal. (24)
	Fuel Consumption - 65% of Full Load (L/hr)	0.8 gal./hr (2.9)
HYDRAULICS	Pumps	two variable-capacity, two gear
	Flow Rate - gpm (L/min)	2 @ 6.1 (23) + 4.9 (18.5) + 1.6 (6)
	Working Pressure (bar)	2900 psi (200)
	Swing System Pressure (bar)	1813 psi (125)
	Oil Cooler	standard
	Hydraulic Tank (L)	5.5 gal. (21)
UNDERCARRIAGE AND SLEWING SYSTEM	Travel Speed - dual (km/hr)	1.7 mph (2.8), 3.3 mph (5.6)
	Gradability	30° = 58%
	Rubber Track Width (mm)	(A) 9" (230)
	No. of Track Rollers (bottom/top)	3/0 per side
	Sprocket Center (mm)	(C) 4'1" (1223)
	Ground Clearance (mm)	7.9" (200)
	Ground Pressure - average (kPa)	3.8 psi (26.5)
	Slew Speed	10 rpm
	Maximum Drawbar Pull (kN)	4343 lbf (19.3)
	GENERAL SPECIFICATIONS	Operating Weight w/ Cab (kg)
Operating Weight w/ Canopy (kg)		3560 lbs. (1616)
Overall Height (mm)		(D) 7'10" (2390)
Overall Width (mm)		(E) 3'3" (990)
Overall Length (mm)		(F) 12'6" (3810)
Maximum Digging Depth (mm)		(G) 7'2" (2180)
w/long arm* (mm)		7'9" (2360)
Maximum Digging Height (mm)		(H) 11'6" (3500)
w/long arm* (mm)		13'2" (4013)
Max. Vertical Wall Dig Depth (mm)		(I) 4'9" (1490)
w/long arm* (mm)		5'6" (1670)
Max. Dump Height (mm)		(J) 8'4" (2545)
w/long arm* (mm)		8'9" (2668)
Max. Digging Radius (mm)		(K) 12'4" (3770)
w/long arm*		14'0" (4273)
Bucket Dig Force (kN)		3979 lbf (17.7)
Arm Force (kN)		1980 lbf (8.81)
Minimum Tail Swing Radius (mm)		(L) 3'9.7" (1161)
Minimum Front Swing Radius (mm)		(M) 5'11" (1555)
Swing Angle - left/right		(N/O) 80° / 45°
Hyd. Telescoping Undercarriage (mm)	3'3" - 4'3" (990 - 1300)	
Minimum Tail Swing Over Tracks (mm)	14.2" (361)	
Sound - Power / Pressure Level	93 dB(A) / 77dB(A)	
DOZER BLADE	Width - extended / retracted (mm)	51.3" / 39" (1300/990)
	Height (mm)	10.2" (260)
	Max. Lift - above / below (mm)	(Q/R) 10.2" / 9" (260/230)

REFERENCE DIAGRAMS

