

MOTO

MT170 AIR-COOLED DIESEL ENGINE



MT170FA



MT170FAE

Model	MT170FA		MT170FAE		
Type	Single-cylinder, vertical 4 cycle air cooled diesel				
Combustion system	Direct injection				
Displacement	cc (cc.in.)	219 (13.37)			
Bore x Stroke	mm (in.)	70 x 57 (2.76x2.24)			
Engine speed	rpm	3000	3600	3000	3600
Maximum output	hp	3.8	4.2	3.8	4.2
Continuous output	hp	3.4	3.8	3.4	3.8
Power take off	Crankshaft		Crankshaft		
Starting system	Recoil Starter		Electric		
Fuel tank capacity	L (US.gal.)	2.5 (0.55)		2.5 (0.55)	
Lubricating oil capacity	L (US.gal.)	0.8 (0.18)		0.8 (0.18)	
Fuel consumption	[g (ml)/kW.h]	290 (363)	295 (369)	290 (363)	295 (369)
Dimensions (LxWxH)	mm	332 x 392 x 416		332 x 392 x 416	
Dry weight	kg (lbs)	26 (57)		31 (68)	

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MT178 AIR-COOLED DIESEL ENGINE



MT178FA

MT178FS



MT178FAE

Model	MT178FA		MT178FS		
Type	Single-cylinder, vertical 4 cycle air cooled diesel				
Combustion system	Direct injection				
Displacement	cc (cc.in.)	306 (18.68)		296 (18.06)	
Bore x Stroke	mm (in.)	78 x 64 (3.07 x 2.52)		78 x 62 (3.07 x 2.44)	
Engine speed	rpm	3000	3600	3000	3600
Maximum output	hp	5.5	6.0	5.5	6.0
Continuous output	hp	5.0	5.5	5.0	5.5
Power take off		Crankshaft		Camshaft (PTO rpm is 1/2)	
Starting system		Recoil Starter/Electric		Recoil Starter/Electric	
Fuel tank capacity	L (US.gal.)	3.5 (0.77)			
Lubricating oil capacity	L (US.gal.)	1.1 (0.24)			
Fuel consumption	[g (ml)/kW.h]	280 (350)	285 (356)	280 (350)	285 (356)
Dimensions (LxWxH)	mm	383 x 421 x 450			
Dry weight (recoil)	kg (lbs)	33 (73)			
Dry weight (electric)	kg (lbs)	38 (84)			

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MT186 AIR-COOLED DIESEL ENGINE



MT186FA



MT186FV



MT186FS



MT186FVE

Model	MT186FA		MT186FS		MT186FV		
Type	Single-cylinder, vertical 4 cycle air cooled diesel						
Combustion system	Direct injection						
Displacement	cc (cc.in.)	418 (25.51)		406 (24.78)		435 (26.55)	
Bore x Stroke	mm (in.)	86 x 72 (3.39 x 2.83)		86 x 70 (3.39 x 2.76)		86 x 75 (3.39 x 2.95)	
Engine speed	rpm	3000	3600	3000	3600	3000	3600
Maximum output	hp	8.8	9.6	8.8	9.6	8.8	10.0
Continuous output	hp	7.7	8.6	7.7	8.6	7.7	9.0
Power take off		Crankshaft		Camshaft (PTO rpm is 1/2)		Crankshaft	
Starting system		Recoil Starter/Electric					
Fuel tank capacity	L (US.gal.)	5.5 (1.21)					
Lubricating oil capacity	L (US.gal.)	1.65 (0.36)					
Fuel consumption	[g (ml)/kW.h]	265 (312)	270 (318)	265 (312)	270 (318)	260 (306)	270 (318)
Dimensions (LxWxH)	mm	417 x 470 x 494				415 x 475 x 498	
Dry weight (recoil)	kg (lbs)	48 (106)				48.3 (106.5)	
Dry weight (electric)	kg (lbs)	53 (117)				53.3 (117.5)	