



## 2.5L 3.5L 5.5L Single Cylinder Diesel Engine Electric Start Direct Injection

Our Product Introduction

### Basic Information

- Place of Origin: China
- Brand Name: GET
- Certification: ISO CE
- Price: Negotiable
- Delivery Time: 15-20 workdays
- Payment Terms: LC, T/T, PayPal, Western Union, Small-amount payment, Money Gram



### Product Specification

- Type: Single Cylinder, Vertical, Four-stroke, Direct Injection, Air-cooled
- Borexstroke: 73x59mm, 78x62mm, 86x72mm
- Displacement: 247ml, 296ml, 418ml
- Compression Ratio: 20:01, 20:01, 19:01
- Rated Power(kw/rpm): 3.5/3000-3.8/3600 3.68/3000-4/3600 5.7/3000-6.3/3600
- Rated Power(hp/rpm): 4.8/3000-5.2/3600, 5.0/3000-5.4/3600, 7.8/3000-8.6/3600
- Rated Speed(rpm): 3000/3600
- Lowest Rotation Speed At Zero Load: ≤1300r/min
- Lubricating System: Pressure Splashed
- Starting System: Recoil Start/electric Starter
- Rotation Direction(face To The Output Axle ): Anticlockwise
- Fuel Type: 0#(summer) 10#(winter) 25#(chillness)

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## Product Description

### Air Cooled Single Cylinder Diesel Engine Single Cylinder Diesel Engine Electric Start

The single-cylinder air-cooled diesel engine is a diesel engine that adopts air-cooled heat dissipation method and has the following characteristics:

**Lower cost:** Compared with water-cooled diesel engines, single-cylinder air-cooled diesel engines generally have lower costs. They eliminate the need for cooling water pumps, radiators and associated water cooling piping, reducing manufacturing and maintenance costs.

**Simplified cooling system:** The single-cylinder air-cooled diesel engine dissipates heat through fans and radiator fins, and does not require additional coolant. This simplifies cooling system design and maintenance, reducing coolant use and replacement.

Model	GET173F	GET1 86FA	GET1 78F
Bore x Stroke mm	296 x 418	-	-
Displacement mL	247	-	-
Compression Ratio	13.5/3000	3.68/3 000	5.7/3 000
Rated Power KW/rpm	4/3600	6.3/36 00	3.8/3 600
Rated Power HP/rpm	5.2/3600	5.4/36 00	8.6/3 600
Rated Speed/≤r/min	-	-	≤130 0
Lubricating system	Pressure splashed	-	-
Starting system	Recoil Start/electric starter	-	-
Rotation direction(face to the output axle)	Anticlockwise	-	-
Fuel type	2.5L,3.5L,5.5L diesel	-	-
Fuel consumption/related rotation speed(g/kW.h///min)	288.3/3600,285.6/3600,281.5/3600	-	-
Lube oil type	CD grade or SAE 10W-30,15W-40,0.75,1.65L1.1	-	-
Lube oil capacity	12V,0.8kWV,kW	-	-
Starting motor capacity	V,A12V8.3ACharging generator capacity	-	-

**Quick Start:** Single-cylinder air-cooled diesel engines generally have faster start times because they do not require preheating coolant. This makes them advantageous in applications requiring quick start-up, such as emergency power generation and emergency power equipment.

**Lower power loss:** Since there is no need to drive the cooling water pump, the single-cylinder air-cooled diesel engine has lower power loss. This means more power is available for output, improving fuel efficiency.

**Suitable for light-load applications:** Due to their typically single-cylinder construction, single-cylinder air-cooled diesel engines perform well when suitable for light-load applications, such as small generators, agricultural equipment, and small machinery.



单缸风冷柴油机系列 Single Cylinder Air Cooled Diesel Engine Series

Model	GET173F	GET1 86FA	GET1 78F
Model Type	单缸、立式、风冷、电启动、电启动、电启动 Single cylinder, vertical, air-cooled, electric start, electric start, electric start		
缸径/冲程 Bore/Stroke	mm 296/418	mm 296/418	mm 296/418
排量 Displacement	L 247	L 247	L 247
压缩比 Compression Ratio	13.5/3000	3.68/3000	5.7/3000
额定功率 Rated Power	4/3600 5.2/3600	6.3/3600 8.6/3600	3.8/3600 5.7/3600
额定转速 Rated Speed	r/min 3600	r/min 3600	r/min 3600
最低空载转速 Lowest speed at idle	r/min 1500	r/min 1500	r/min 1500
润滑系统 Lubrication system	压力飞溅式 Pressure splashed		
启动系统 Starting system	电启动 Electric start		
旋转方向 Rotation direction	逆时针 Anticlockwise		
燃油消耗率 Fuel consumption	g/kWh 288.3/3600, 285.6/3600, 281.5/3600	g/kWh 288.3/3600, 285.6/3600, 281.5/3600	g/kWh 288.3/3600, 285.6/3600, 281.5/3600
润滑油容量 Lubrication capacity	L 1.1	L 1.1	L 1.1
电启动功率 Starting motor capacity	W 1200	W 1200	W 1200
充电发电机容量 Charging generator capacity	W 1200	W 1200	W 1200
整机重量 Total weight	kg 120	kg 120	kg 120



**Wuxi Guangertai Power Machinery Co.,Ltd**



13813650506



2415819289@qq.com



dieselenginepumps.com

NO.88 Shenxing East Road, Wanshi Town, Yixing City, CHINA