

Specification of Changfa Diesel Engines

| Model | CF170F | CF170FE | CF178F | CF178FE | CF186F | CF186FE |
|--------------------------|--|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| Photo |  | | | | | |
| Description | Diesel Engine, Vertical, Single cylinder, 4 Stroke, Air-cooled, Direct Injection | | | | | |
| Start Mode | Recoil Start | Electric Start | Recoil Start | Electric Start | Recoil Start | Electric Start |
| Bore*Stroke(mm) | 70*55 | 70*55 | 78*62 | 78*62 | 86*70 | 86*70 |
| Displacement(L) | 0.211 | 0.211 | 0.296 | 0.296 | 0.406 | 0.406 |
| Compression Ratio | 20:1 | 20:1 | 20:1 | 20:1 | 19:1 | 19:1 |
| Rated Power | 3.4hp/3000rpm 3.8hp/3600rpm | 3.4hp/3000rpm 3.8hp/3600rpm | 5.0hp/3000rpm 5.5hp/3600rpm | 5.0hp/3000rpm 5.5hp/3600rpm | 7.7hp/3000rpm 8.6hp/3600rpm | 7.7hp/3000rpm 8.6hp/3600rpm |
| Fuel Capacity | 2.5L | 2.5L | 3.5L | 3.5L | 5.5L | 5.5L |
| Lube Capacity | 0.75L | 0.75L | 1.1L | 1.1L | 1.65L | 1.65L |
| Fuel Consumption (g/kwh) | 280/ 3000rpm 288/ 3600rpm | 280/ 3000rpm 288/ 3600rpm | 276/ 3000rpm 285/ 3600rpm | 276/ 3000rpm 285/ 3600rpm | 275/ 3000rpm 281/ 3600rpm | 275/ 3000rpm 281/ 3600rpm |
| Run Time @ Full Load | 4 Hrs | 4 Hrs | 4 Hrs | 4 Hrs | 4 Hrs | 4 Hrs |
| Dry Weight | 27KG | 31KG | 33KG | 38KG | 48KG | 53KG |
| Dimension(mm) L*W*H | 335*380*415 | 335*380*415 | 400*420*450 | 400*420*450 | 420*440*495 | 420*440*495 |
| 20' Container | 390 | 390 | 192 | 192 | 192 | 192 |

- To guarantee the high quality, we use Bosch injector, Japan NSK bearing and Taiwan piston on our air-cooled series products. All of these and strict quality control system ensure Changfa products good performance.

- We keep one year quality guarantee for all products, if main spare parts such as crank shaft, piston, cylinder head, block and side cover are broken because of quality defect, we supply new ones free of charge.