

# KIRLOSKAR

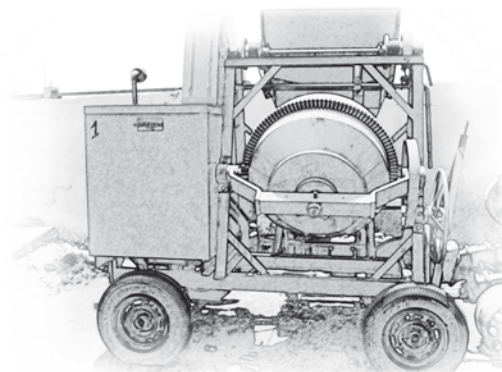
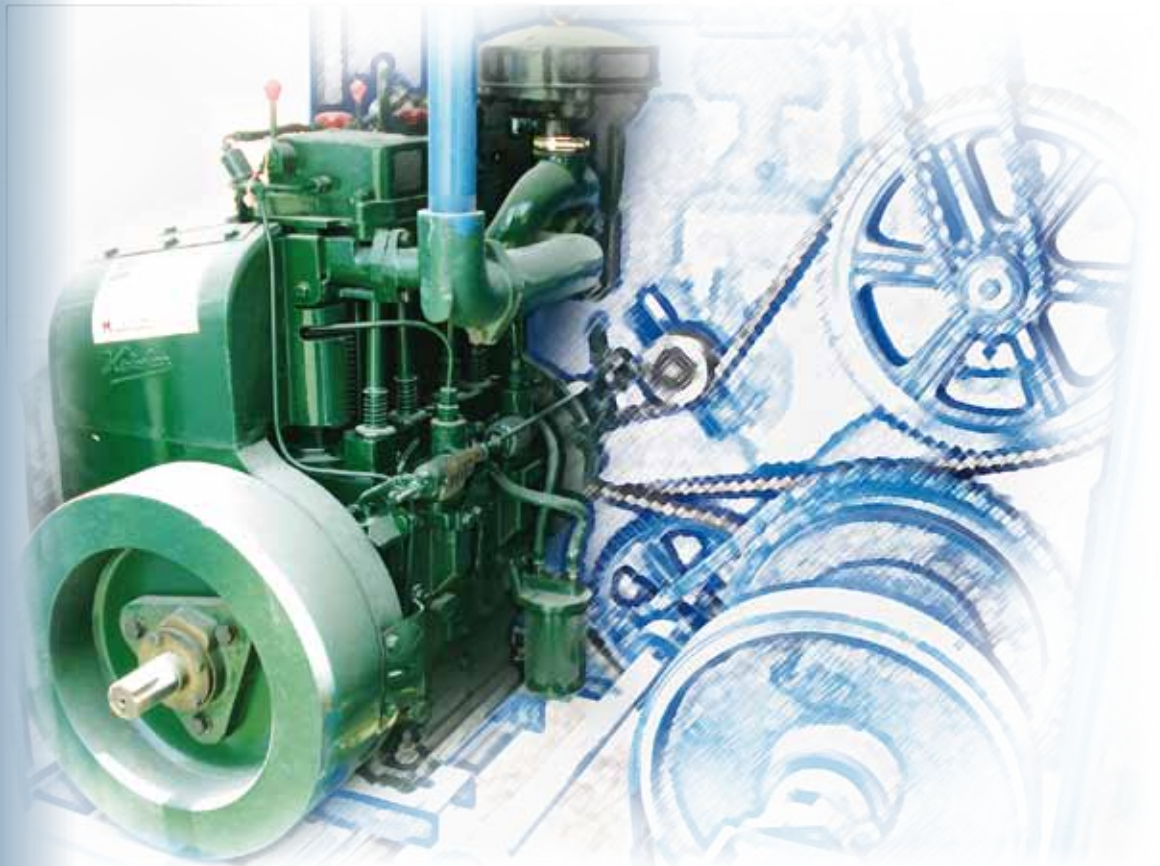
## Kirloskar Diesel Engine



Enriching Lives

### For Concrete mixer applications

Engine Model	Engine Power (hp)	RPM
TAF 1	7.7 hp	1800
TAF 2	15.4 hp	1800



*"Kirloskar Diesel Engines for more than 80 different applications"*

# Benefits of Kirloskar



Steel Cam Shaft & Crank Shaft gears for better reliability and long life



Easy access and Ready availability of spare parts and service

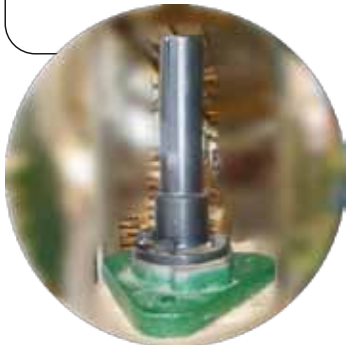


Double hole gear cover giving flexibility of half speed drive



**TAF-II Engine**

Triangular flange and extension shaft for auxillary Power take off from the engine



Efficient and reliable fuel injection system giving best fuel consumption



Ratchet type variable speed arrangement to address varying load and speed requirements





*"Kirloskar Diesel Engines for more than 80 different applications"*

## FEATURES OF KIRLOSKAR ENGINE

- Proven product designed for concrete mixers, Engines readily available for **300 Ltr. and 510 Ltr.** mixers
- Superior reliability and fuel consumption
- Ready availability of spares and service, resulting in reduced down time.
- Supply of tool kit and accessories (spanner, lube oil filter element, fuel filter element, piston ring set, cylinder head gasket, maintenance chart and part list)

## APPLICATION DATA

Tank Volume	Kirloskar Diesel type	Rating	Concrete Mixer
300 Ltr.	TAF 1	7.7 hp @ 1800	
510 Ltr.	TAF 2	15.4 hp @ 1800	

## ENGINE SCOPE OF SUPPLY

- Oil bath type air cleaner.
- Exhaust manifold central open towards fly wheel end, with Industrial type exhaust silencer
- Hand start engine with starting handle .
- Radial fan for engine cooling system.
- Variable speed drive arrangement.
- Fuel filter mounted on engine.
- Sump drainplug opening towards gear and side.
- Triangular pulley and extension shaft for starting arrangement.
- Engine mounting arrangement directly on crank case bottom.
- Efficient and reliable fuel injection system.
- Fuel tank

## TECHNICAL DATA

ENGINE MODEL	UNIT	TAF1	TAF2
NO. OF CYLINDERS	-	1	2
BORE X STROKE	mm	87.5 X 110	87.5 X 110
CUBIC CAPACITY	cc	662	1324
COMPRESSION RATIO	-	17.5:1	17.5:1
POWER OUTPUT – AS PER BS:5514/ ISO:3046			
1500 rpm	bhp (kW)	6.0 (4.4)	12.0 (8.8)
1800 rpm	bhp (kW)	7.7 (5.6)	15.4 (11.3)
TORQUE AT FULL LOAD			
CRANKSHAFT DRIVE 1500 rpm	kNm (kgm)	0.028 (2.9)	0.056 (5.8)
CAMSHAFT DRIVE 750 rpm	kNm (kgm)	0.056 (5.8)	0.112 (11.6)
LUBE OIL CONSUMPTION	-	0.5 % OF FC	0.5 % OF FC
LUBE OIL SUMP CAPACITY	lit	3.7	7.2
FUEL TANK CAPACITY	lit	6.5	11.5
FUEL CONSUMPTION			
1500 rpm	lit/hr	1.33	2.67
1800 rpm		1.76	3.59
WEIGHT OF ENGINE	kg (Net Wt.)	205	270
	kg (Gross Wt.)	280	345
ENGINE DIMENSIONS (LxWxH)	cm	75 X 63 X 91	100 X 73 X 91
CONTAINER LOADING	20 ft	44	34
	40 ft	88	68

(As continuous improvements are contemplated the descriptions & illustrations are not binding)

Marketed by:



Enriching Lives

### KIRLOSKAR MIDDLE EAST FZE

P. O. Box 4178, Ajman Free Zone, Ajman, U.A.E.

Tel.: +971 6 745 7667, Fax: +971 6 744 8636

E-mail: kmef-admin@kirloskar.ae

Dealer