



The Eco Friendly  
Light Weight Diesel Engine

# PARAMVEER

HTP  
SPRAYER



D03 Vibrator



D03 with  
Monobloc Pump



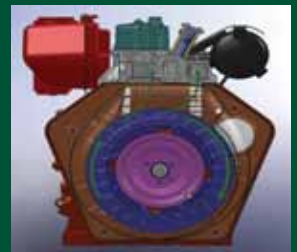
D03 Earth Rammer



D03 with  
Power Reaper



D03 with  
Selfpriming pump



High Speed, DI - Diesel Engine

Lightweight and ease of Portability

Direct Injection Combustion delivers highly Fuel Efficient operation.

Recoil Starter - as optional provision

Forced, Series air cooling system with fan cover made of low noise composite steel plate.

Easy to maintain and durable.

Service & Spares can be availed from our Authorised Dealer Outlets  
12 months warranty\*

\*Applicable for all manufacturing defects as confirmed by company's authorised personnels.

**POWERFUL  
DI DIESEL  
ENGINE**

# USE ONLY VIJAY VILLIERS GENUINE SPARE PARTS

# PARAMVEER

## Applications:

Agricultural pump-set

Power Sprayer

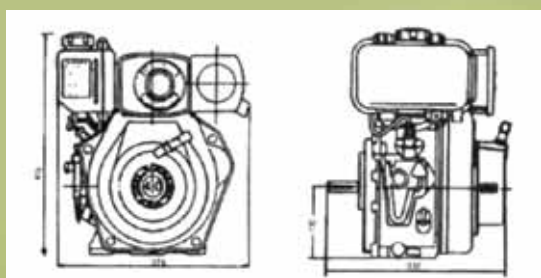
Agri - Weeder

Vibrator

Earth ramer

Cutters

Reaper



## PARAMVEER (D03) DIESEL ENGINE SPECIFICATION

ENGINE MODEL	PARAMVEER D03 Diesel
TYPE	Single Cylinder, Vertical, 4-Stroke, Aircooled Constant speed, DI Diesel Engine
BORE x STROKE	70 x 55 mm
PISTON DISPLACEMENT	211 CC
MAXIMUM OUTPUT	3.0HP / 2.24 KW
CRANK SHAFT RPM	3000
CONSUMPTION RATE OF FUEL	300 grams / kwh
COOLING SYSTEM	Forced Air Cooling by Flywheel Fan
COMBUSTION SYSTEM	Direct Injection system
STARTING SYSTEM	Rope & Pulley (Recoil Optional)
COMPRESSION RATIO	19.9 : 1
DIRECTION OF ROTATION	Anticlockwise viewed from PTO side
LUBRICATION SYSTEM	Forced Lubrication via Trochoidal pump, Splash lubrication for valve rocker arm chamber
AIR CLEANER	Oil Wetted type / (Dry Type - Optional)
FUEL TANK CAPACITY	2.5 Lts
OIL SUMP CAPACITY	0.75 Lts
ENGINE OIL	SAE 20W 40
ENGINE DRY WEIGHT	26 Kgs
VALVE CLEARANCE	0.10 ~ 0.15mm (Cold state)

## TECHNICAL SPECIFICATION (PUMP SET)

Engine Model Pump Model	D03 Paramveer DMB5050D30	D03 Paramveer DMB6050D30	D03 Paramveer DMB7565D30	D03 Paramveer DMB7575D30
Pump Type	Monoblock	Monoblock	Monoblock	Monoblock
Suction Size	50mm	65mm	75mm	75mm
Delivery Size	50mm	50mm	65mm	75mm
Max. Suction Head	6.0m	6.0m	6.0m	6.0m
Max. Total Head	14.5m	17.0m	16.0m	15.5m
Max. Discharge	400lpm	600lpm	850lpm	900lpm
Dry weight (Engine & Pump)	36.5kgs	42kgs	42kgs	42kgs

DISTRIBUTOR / DEALER

Manufactured & Marketed By:

**Southern Agro Engine (P) Ltd.**

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