

15 Years of Excellence

SOUTHERN AGRO ENGINE PRIVATE LIMITED



# VIJAY VILLIERS C12 ENGINE PUMPSET



**Low Noise**

**Easy to Start**

**Powerful**

**High Fuel Efficient**

**Cost Effective**

**Low Maintainance**

*Technical Collaboration with Villiers Limited, U.K.*



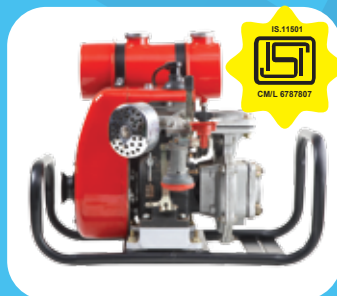
AN ISO 9001 : 2008 CERTIFIED COMPANY



**USE ONLY VIJAY VILLIERS GENUINE SPARE PARTS FOR BETTER PERFORMANCE AND LONG LIFE**



**MMB7**



**MMB14**



**CNV1**



**MMB6**

[www.southernagro.com](http://www.southernagro.com)

# TECHNICAL SPECIFICATION OF ENGINES

TYPE	4 Stroke, Air cooled, Single Cylinder, Horizontal Shaft & Side Valved		
	HSP	HSP	HSD
Bore (mm)	55	55	55
Stroke (mm)	50	50	50
Displacement (cc)	120	120	120
RPM	3000	3000	3000
Power Output*	1.1 Kw / 1.5 HP	1.4 Kw / 1.95 HP	1.1 Kw / 1.5 HP
Fuel	Petrol Start / Kerosene Run	Petrol Start / Petrol Run	Petrol Start / Diesel Run
SFC (Gr/ Kw.Hr.)*	700 Gr. / Kw.Hr.	500 Gr. / Kw.Hr.	700 Gr. / Kw.Hr.
Fuel Tank capacity (Lts)	2.25 Lts	2.75 Lts	2.25 Lts
Engine Oil	20 W 40	20 W 40	20 W 40
Oil Sump Capacity	570 MI	570 MI	570 MI
Lubrication System	SPLASH TYPE		
Ignition System	ELECTRONIC IGNITION		
Ignition Timing	28 DEG.BTDC		
Governer type	CENTRIFUGAL FLY TYPE		
Governing class	Class 1		
Air cleaner	Oil Wetted Type		
Starting System	Rope start (Recoil optional)		
PTO shaft arrangement	Keyway Internal thread in shaft		
PTO shaft rotation	Anti clock wise Viewed from PTO		
PTO shaft Diameter	17.46 mm		
Compression Ratio	4.5:1	5.6:1	4.5:1
Spark plug	MicoM45Z8	MicoW10AC/ W8DC	Mico M45Z8
Engine Dry weight	17 kg		

**SOUTHERN AGRO ENGINE PRIVATE LIMITED,**  
A House Hold Name In Portable Engines And Agri Implments, Is An More Than 10 Year Old Esteemed Company. SAEPL Commenced It's Commerical Production Of Engines& Pumpsets In The Year 1998 with Technical Collaboration from Villiers Limited. UK, The Pioneers And Global Leader In Porable Petrol Engines. Today, SAEPL Has A Pan India Presenece Through A Strong Dealer / Distributor Network. SAEPL Enjoys A Strong Brand Presence In International Market Too.

**Being An ISO9001:2008 Certified Company,**

It Is Committed To Maintain Global Manufacturing Standards And House A State - Of - Art Research & Development Center.

**HSP** - HIGH SPEED PETROL ENGINE  
**HSP** - HIGH SPEED PETROL / PARAFFIN ENGINE  
**HSD** - HIGH SPEED DIESEL

\* HPs & Kws indicated are valid for fully run in engines fitted with standard air cleaner and standard exhaust silencer. The Maximum HP is guaranteed with a tolerance of 5%. The HP must be derated for ambient conditions as per the relevant standard.

## TECHNICAL SPECIFICATION OF PUMPSET

### TOTAL HEAD IN METERS

MODEL	TYPE	SIZE	6	8	9	10	12	14	15	16	17	18	21	24	27	30	40	50
<b>Monoblock</b>	<b>MMB 6</b>	50 X 40	515		455	407	362	262										
	<b>MMB7</b>	50 X 50	350		470	425	345											
	<b>MMB14</b>	50 X 40	449		330	310	295	272	250		234	200	162	60				
	<b>MMB50</b>	50 X 50	555	480		333	324	318		192								
<b>Coupled</b>	<b>CNV1</b>	50 X 40	500		386	362	331	259	190									
	<b>CNV1</b>	50 X 50			431	374	331	138										
<b>High Head</b>	<b>CHH 40</b>	50 X 40						375	370		360	350	330	320	300			

## USE ONLY VIJAY VILLIERS GENUINE SPARE PARTS FOR BETTER PERFORMANCE AND LONG LIFE

### WARRANTY

The Vijay Villiers Petrol / Kerosene / Diesel Engine & Pumpsets by Southern Agro Engine Private Limited carries a six months warranty for all manufacturing defects.

### SERVICE

Having A Strong Team Of Highly Trained Service Team To Provide Reliable Service Support Through Dealer / Authorized Service Point

\*Appearance in image may vary from actual / \* Specification may vary without any prior notice

Manufactured & Marketed By:

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

### OUR BRANCHES

Bangalore, Kolkata, Bhubaneswar, Raipur

**CUSTOMER CARE : +91-9677095517**

### CORPORATE OFFICE

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**DEALER:**