

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.



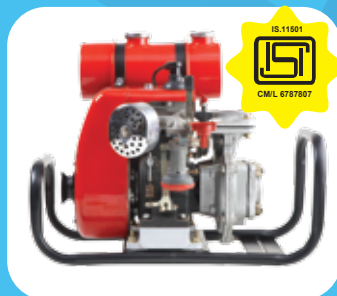
AN ISO 9001 : 2008 CERTIFIED COMPANY



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



MMB7



MMB14



CNV1



MMB6

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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 |
|------------------|---------------|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|
| Monoblock | MMB 6 | 50 X 40 | 515 | | 455 | 407 | 362 | 262 | | | | | | | | | | |
| | MMB7 | 50 X 50 | 350 | | 470 | 425 | 345 | | | | | | | | | | | |
| | MMB14 | 50 X 40 | 449 | | 330 | 310 | 295 | 272 | 250 | | 234 | 200 | 162 | 60 | | | | |
| | MMB50 | 50 X 50 | 555 | 480 | | 333 | 324 | 318 | | 192 | | | | | | | | |
| Coupled | CNV1 | 50 X 40 | 500 | | 386 | 362 | 331 | 259 | 190 | | | | | | | | | |
| | CNV1 | 50 X 50 | | | 431 | 374 | 331 | 138 | | | | | | | | | | |
| High Head | CHH 40 | 50 X 40 | | | | | | 375 | 370 | | 360 | 350 | 330 | 320 | 300 | | | |

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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

#24A, III Phase, Industrial Estate, Guindy, Chennai - 600 032, India. Phone: 044-22500378 / 22501325 / 22500133 / 22501134 Fax: 044-22500039

E-mail: sales@southernagro.com / marketing@southernagro.com, Website: www.southernagro.com

DEALER: