

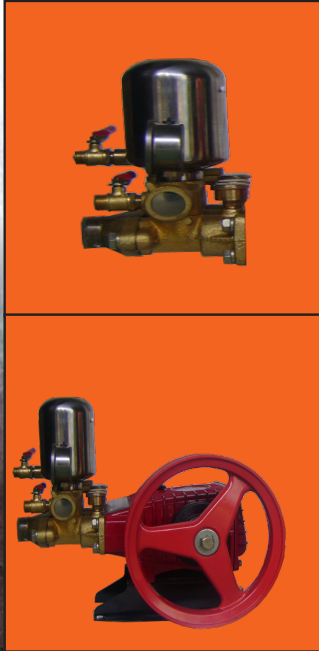
17 Years of
Excellence

SOUTHERN AGRO ENGINE PRIVATE LIMITED

MANAM KUBOTA POWER TILLER MOUNTED WITH 3 PISTON HTP SPRAYER PUMP



For Wet & Dry Land



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

SRFMT & TI,
EMISSION (ARAI)
& CMVR (BUDHNI) APPROVED

SUPER PERFORMANCE

Powered By **KUBOTA**



Technical Collaboration with
Villiers Limited, U.K.

Tough, Durable
Powerful
Responsive
with High
Fuel Efficiency
Diesel Engine

Features of sprayer Pump:

- Ensure uniform spraying
- Strong body
- Long operation life
- Heavy Duty Power efficient sprayer
- Triplex pump with stainless piston
- Precisely processed for extra stiffness, smoothness, wear resistance
- All operation parts are lubricated by oil
- Control valve assembly with pressure regulated bypass
- Economic for spraying pesticides are heavy duty with better reach
- Set of washers, tools and standard bolts inside the sprayer kit

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MANAM KUBOTA TECHNICAL SPECIFICATION

POWER TILLER MOUNTED WITH 3 PISTON HTP SPRAYER PUMP

ENGINE SPECIFICATION

Model Type
Number of cylinder
Bore x Stroke (mm)
Displacement (cc)
* **Max output (hp /kw @ rpm)**
* **Rated output (hp /Kw @ rpm)**
* **Specific fuel consumption**
Compression ratio
Max.torque (Kg-m/rpm)
Fuel tank capacity (Lts.)
Crankcase Oil capacity (Lts.)
Fuel
Lubricating Oil
Combustion system

Cooling system
Lubrication system
Air cleaner type
Starting system

Lamps
Direction of revolution
Dry weight (Kgs).

KUBOTA

RT - 120 Plus
Horizontal water-cooled, 4 Stroke, Diesel Engine
1
94 mm x 90 mm
624 cc
12hp / 8.8 kw @2400 rpm
10.5hp / 7.72 kw @ 2400 rpm
0.25 Kg/Kw.hr
21:1
4.0/1600 (Kg-m/rpm)
11 (Lts)
2.8 (Lts)
Light Diesel Oil
SAE 20W40
Spherical Combustion System (Swirl Chamber)
Water Cooled
Forced Lubrication with trochoid pump
Oil Bath
Speed doubling handle by hand / Electrical motor system for ES (optional)
12v, 30Amp
Counter-clockwise facing fly wheel
110 Kgs

Sprayer Pump Specification

Name	PS30
Model	HTP Sprayer
Engine Models	Manam Kubota
Engine RPM	2400
Engine Power	8.80 / 12.0
Sprayer	
Piston Nos x Dia x Stroke (mm)	3 x 22 x 16
Piston length (mm)	129
Pressure (Kgcm)	20 - 35
Suction House length (Mts)	15
Delivery House length (Mts)	30
Sprayer RPM	800 - 1000
Discharge (lit/mins)	30 / 10
Weight of Sprayer (Kgs)	7.5
Chemical Tank Capacity (lits)	30
Oil capacity for sprayer (lits /mins)	0.6 / 600
Lubricant oil	SAE 20w40

* 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.

Dealer

Manufactured & Marketed By:

Southern Agro Engine Pvt Ltd

#24A, III Phase, Industrial Estate, Guindy, Chennai - 600 032, INDIA.

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OUR BRANCHES : BANGALORE / KOLKATA / BHUBANESWAR & RAIPUR

