

FRONT

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**WHEN AN ENGINEER THINKS LIKE A FARMER,  
HE DOESN'T JUST MAKE A TRACTOR.**

**HE MAKES  
MERA SWARAJ.**



**Mera  
SWARAJ**



# BACK

Swaraj tractor, the first choice of the farmers. A powerful engine with 1800 rated r/min makes every job easy and increases the life of the tractor. Unparalleled features and attractive design make Swaraj Tractor, an invaluable asset for its farmer.



**QUICK RELEASE  
COUPLER**



**STABILIZER  
BARS**



**STEERING LOCK**



**OIL IMMERSED  
BRAKES**



**STRAIGHT  
FRONT AXLE**

## ENGINE

Model	: RV-2 XM+3A
HP category	: 18.64-22.37 kW (25-30 HP)
Type	: 4 - Stroke, Direct Injection, with Diesel Engine.
No. of Cylinders	: 2
Bore and stroke	: 100 X 116 mm
Displacement	: 1824 cm <sup>3</sup>
Rated Engine Speed	: 1800 r/min.
Air Cleaner	: 3 stage air cleaning system with cyclonic pre-cleaner, oil bowl and paper element for longer engine life
Cooling System	: Water cooled with no loss tank.

## TRANSMISSION

Clutch	: Heavy duty single dry plate type, 280 mm diameter.
No. of Gears	: 8 forward, 2 reverse speeds with high and low selector lever.

## GEAR SPEEDS (km/h)

Forward	: 2.19 - 27.78
Reverse	: 2.74 & 10.77

## PTO

: 21 splines 1650 engine r/min for rated engine speed at 1000 r/min. 6 splines for 540 r/min (optional)

## BRAKES

: Heavy duty self energizing for extra safety, water-sealed disk brakes and parking brakes

## STEERING

: Heavy duty single drop arm steering for high efficiency and comfortable drive. Power steering (optional).

## HYDRAULICS AND IMPLEMENT LINKAGE

2 lever live hydraulic system having automatic position with draft control.

- A) Position Control: To hold lower links at any desired height.
- B) Automatic Draft Control: To maintain uniform depth
- C) Mix Control: For simultaneous use of position and draft controls for optimum field output.
- D) Hydraulic Lift Pump: Gear type hydraulic pump delivers 16.6 l/min at rated engine speed.

**POINT LINKAGE** : 3-point suitable for Category-I & Category-II type implement pins.

**LIFTING CAPACITY** : 1000 kg at lower link ends.

## ELECTRICALS

: 12 volt 88 A battery, starter motor and alternator

## INSTRUMENTS

: r/min and hour meter, direction indicators, ammeter, fuel gauge, water temperature gauge and oil pressure gauge.

## TYRES

Front Tyre	: Standard 152.40 X 406.40 mm (6.00 X 16)
Rear Tyre	: Standard 314.96 X 711.20 mm (12.40 X 28), optional 345.44 X 711.20 mm (13.60 X 28)

## WEIGHTS & DIMENSIONS

O.A. Length	: 3320 mm
O.A. Width	: 1675 mm
O.A. Height	: 2270 mm
Wheel Base	: 1935 mm
Min. Ground Clearance	: 375 mm
Weight of Tractor	: 1750 kg
Wheel Track	: Front 1300 - 1550 mm Rear 1350 - 1900 mm

## FEATURES

- Diesel saving Bharat (Trem) Stage IIIA engine
- Concealed lockable battery near starter
- 279.40 mm (11) clutch for easy gear operation and long life
- Telescopic stabilizer bars for easier adjustment and better stability of the instruments
- Live Hydraulics
- 1000 kg hydraulic lifting capacity
- Adjustable P. U. sliding seat for operator comfort
- Mobile cum carrier charger
- Neutral safety switch
- Transparent water separator for easy reach and timely water drainage
- Tap off connection for tipping trailer application
- Steering lock for safety from theft
- High capacity 88 A battery for easy start and long life

\*on selected models

**WARRANTY: 2 YEARS OR 2000 HOURS, WHICHEVER IS EARLIER.**



## SWARAJ DIVISION

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**Authorized Dealers:**