

FRONT

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



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

**HE MAKES  
MERA SWARAJ.**



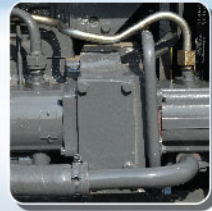
Mera  
**SWARAJ**

# BACK

Swaraj tractor, the first choice of the farmers. A powerful engine with 2000 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.



**DIRECTIONAL CONTROL VALVE**



**POWER STEERING**



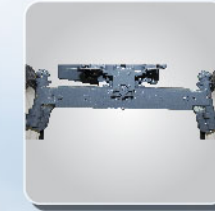
**190.50 X 406.40 mm (7.50 X 16) BIG FRONT TYRE**



**CR-PTO WITH MULTI SPEED**



**DUAL CLUTCH**



**ADJUSTABLE FRONT AXLE**

## ENGINE

Model	: RV-33 TR
HP Category	: 37.28 - 41.01 kW (50-55 HP)
Type	: 4 - Stroke, Direct Injection, Diesel Engine.
No. of Cylinders	: 3
Bore and stroke	: 110 x 116 mm
Displacement	: 3308 cm <sup>3</sup>
Rated Engine Speed	: 2000 r/min
Air Cleaner	: 3 stage air cleaning cyclonic pre-cleaner, with oil bowl and paper element which increases the life of engine.
Cooling System	: Water cooled with no loss tank. Oil cooler for engine oil.

## TRANSMISSION

Clutch	: Heavy duty single dry plate type, 305 mm diameter dual clutch, 280 mm diameter (optional)
No. of Gears	: 8 forward, 2 reverse speeds with high and low selector lever.

## GEAR SPEEDS (km/h)

Forward	: 31 - 30.90
Reverse	: 4.60 & 15.10

## 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 with 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 mix control and 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 27 l/min at rated engine speed.

## LINKAGE

: 3-point linkage suitable for Category-I & Category-II type implement pins.

## LIFTING CAPACITY

: 1700 kg at lower link ends.

## ELECTRICALS

: 12 volt 99 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 16.00)
Rear Tyre	: Standard 378.46 X 711.20 mm (14.90 x 28.00) optional 345.44 X 711.20 mm and 429.26 X 711.20 mm (13.60 x 28 and 16.90 x 28)

## WEIGHTS & DIMENSIONS

O.A. Length	: 3420 mm
O.A. Width	: 1715 mm
O.A. Height	: 2275 mm
Wheel Base	: 2050 mm
Min. Ground Clearance	: 400 mm
Weight of Tractor	: 2020 kg
Wheel Track	: Front 1300 - 1550 mm Rear 1350 - 1990 mm

## FEATURES

- Bharat (Trem) stage III engine
  - Ultramodern oil cooler- for longer engine life
  - Higher capacity hydraulic (1700 kg) with improved sensitivity
  - Oil Immersed Brakes\*
  - Bigger front tyres - 190.50 X 406.40 (7.50 x 16\*) (available with (378.46 X 711.20) (429.26 X 711.20) (14.90 x 28 and 16.90 x 28)
  - Power steering\*
  - Dual clutch\*
  - CR-PTO with multi speed\*
  - DCV - External hydraulic usage
  - Telescopic stabilizers bars for easy adjustment and better implement stability of the instrument
  - Live hydraulics
  - Isolator valve for auxiliary application
  - Adjustable P. U. sliding seat for operator comfort
  - Mobile cum carrier charger
  - Neutral safety switch
  - Tap off with quick release coupler for tipper trailer usage
  - Steering lock for safety from theft
  - Adjustable front brakes (on additional cost)
- \*available on select models

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



## SWARAJ DIVISION

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**Authorized Dealers:**