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

**HE MAKES  
MERA SWARAJ.**



**Mera  
SWARAJ**



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.



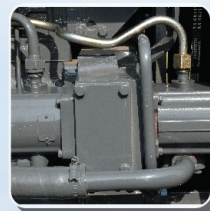
**POWERFUL  
ENGINE**



**ADJUSTABLE  
FRONT AXLE**



**MULTISPEED  
FORWARD AND  
REVERSE P.T.O**



**POWER STEERING**



**DUAL CLUTCH**



**STEERING LOCK**

#### ENGINE

Model	: RV-30 TR
HP category	: 33.55 - 37.28 kW (45-50 HP)
Type	: 4 - Stroke, Direct Injection, with Diesel Engine.
No. of Cylinders	: 3
Bore and stroke	: 110 X 110 mm
Displacement	: 3136 cm <sup>3</sup>
Rated Engine Speed	: 2000 r/min
Air Cleaner	: Oil bath type air cleaner
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	: 3.10 - 29.20
Reverse	: 4.30 & 14.30

#### 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 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 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 (13.60 x 28)

#### WEIGHTS & DIMENSIONS

O.A. Length	: 3440 mm
O.A. Width	: 1730 mm
O.A. Height	: 2275 mm
Wheel Base	: 1950 mm
Min. Ground Clearance	: 400 mm
Weight of Tractor	: 1990 kg
Wheel Track	: Front 1330 - 1530 mm 1230 mm (optional) Rear 1420 - 1820 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 Rear tyres – 378.46 x 711.20 mm (14.90 x 28)\*
- Dual clutch\*
- Multispeed forward & reverse PTO\*
- Telescopic stabilizer bars for easier adjustment and better stability of the instruments
- Live Hydraulics
- Power steering\*
- Isolator valve for auxiliary application
- Adjustable P. U. sliding seat for operator comfort
- Mobile cum carrier charger
- Neutral safety switch
- Tap off connection for tipping trailer application
- Steering lock for safety from theft
- Adjustable front brakes (on additional cost)

\*on selected models

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



#### SWARAJ DIVISION

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**Authorized Dealers:**