

# SONALIKA

- Turbo Charged
- Higher Fuel Economy
- Power Steering
- Four Wheel Drive
- Higher Torque Backup
- Good Lugging Power



# DI-90

# Specifications DI-90

**Electricals Instrument**  
 Battery  
 Starter Motor  
 Alternator  
 Horn  
 7-terminal Electrical Outlet Socket  
 Fuse Box  
 Others

12 Volt, 110 AH Battery  
 Make:- Mico 12V, 2.7KW, Make :- Lucas 12V, 2.5KW  
 12V, 36A  
 12V, 3A(max) Current Consumption, Sound Level 100-116DB  
 Yes  
 11 Nos. Rated From 10A to 20A  
 Hour/ RPM Meter, Indicator Switch For High Beam, Fuel Gage  
 Ammeter Electronic Temp Gauge, Oil Pressure Gauge,  
 Pneumatic  
 9.00x16 (2 WD)/ 12.4 x 24 (4WD)  
 18.4x30  
 200/200  
 170/150

**Motor Type**  
 DI-90 (Turbo)  
 4 Wheeled, 2 Wheel Drive/4 Wheel Drive

**Line**  
 4105TL

**Category**  
 90 HP  
 86.5/ 64.50  
 Turbo Charged with Oil Cooler, 4 Stroke Diesel, DI, Water Cooled Diesel Engine

**of Cylinders**  
 04

**and Stroke (mm)**  
 105/118

**lacement (cc)**  
 4087CC

**pression Ratio**  
 18.4:1

**g Order**  
 1-3-4-2

**and Engine Speed**  
 2200 RPM± 25

**Injection Pressure (kg/cm<sup>2</sup>)**  
 339

**at Rated Speed (gm/ps.hr)**  
 176

**Water Cooled**  
 Vertical Elliptical Updraft  
 DRY AIR Cleaner with clogging sensor  
 Water Cooled  
 Mico Bosch

**Injection Pump**  
 Double Clutch  
 310mm Main; 310 IND. PTO  
 Ceramic

**Clutch Plate**  
 Constant Mesh, 8 forward, 2 reverse with high and low selector levers  
 Foot Operated Mechanical

**Transmission**  
 Kms/hr. with Rear Tyre Size 18.4-30

**Lock**  
 03.22

**Speeds**  
 04.43  
 07.00  
 09.49  
 12.92  
 17.96  
 28.05  
 38.05  
 04.13  
 16.55

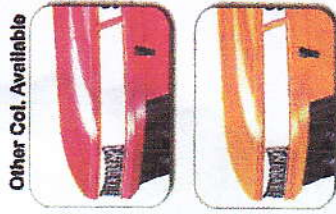
**Dimensions & Weights**  
 Wheel Base (mm)±15mm  
 Overall Length (mm)±15mm  
 Overall Width (mm)±15mm  
 Overall Height (mm) With Std. tyres ±15mm  
 Mudguards (mm)  
 Steering Wheel (mm)  
 Exhaust Pipe (mm)  
 Minimum Ground Clearance(mm)  
 Normal Front Wheel Track (mm)  
 Normal Rear Wheel Track (mm)  
 Dia. of Steering Wheel(mm)  
 Weight Without Ballast (kg)  
 Front+rear=total

**Turning Radius**  
 With Brakes (mtr)  
 Without Brakes (mtr)  
 Capacities (In Liters) /Type Of Oil  
 Fuel Tank / Type  
 Air Cleaner / Grade  
 Engine Oil For Servicing / Grade  
 Cooling System / Type  
 Hydraulic System + Transmission Oil/ Grade

**Recommended Implements**  
 Cultivator  
 Harrow  
 Mb Plough  
 Disc Plough  
 Trailer Single Axle (tons)  
 Trailer Double Axle (tons)  
 Rollwator (feet)  
 Puddling

**Positive Features**  
 Turbo Charged Powerful Engine, \* Good Pulling Power, \* High Speed Cultivation, \* Power Steering  
 \* Better Area Coverage/litre, \* Good Performance Over Turning(minor Rpm Drop), \* Better Traction Due  
 \* To Bigger Tyres(18.9x30), \* Oil Immersed Brake, \* Higher Lift Capacity(1600kg), \* Adjustable Staybar.,  
 \* Fuel Gauge., \* Fitted With Rops With Roof Work Lights & Canopy (optional), \* Combination Switch  
 \* Modified Dashboard Display, \* With Safety Guard On Belt, Starter Motor, Power Steering Cylinder  
 \* Both Side Big Rear View Mirror For More Visibility, \* With Modified Footstep & Attractive Plough Lamp  
 \* Driving Seat With Arm Rest & Safety Belt (optional), \* Rops (optional)

**Other Col. Available**



**of Splines**  
 540

**Brake**  
 Oil Immersed Brake

**ing Brake**  
 Independent

**ring Type**  
 Power Steering

**raulic**  
 2 Lever, Automatic Position And Draft With Mix Control

**osition Control**  
 To Hold the Lower Link at any Desired Height.

**Automatic Draft Control**  
 Maintains Uniform Draft

**ix Control**  
 For Simultaneous Use of Position and Draft Control for Optimum Field Output

**f Spool Valves**  
 1 SA + 1DA / ZDA

**in L/min @ Rated ERPm (lpm/icc)**  
 17.95/9.5 for Steering 23.8/ 12 for Lift at Rated Engine Speed.

**age**  
 CATZ

**Capacity**  
 1600 Kg at end of Lower Links

**2650 (2WD) / 2981 (4 WD)**  
 2WD / 4 WD  
 3.81/3.9  
 4.82/5.45  
 65 Lis / HSD  
 NA  
 11.25/SAE 20W40  
 Forced Water Circulation  
 61 / E.P.F-2412  
 17 Tyne  
 10x10  
 Four Bottom  
 Four Bottom  
 7.5  
 8.5  
 9'  
 NA

**INTERNATIONAL TRACTORS LTD., (INDIA)**  
 CORPORATE OFFICE : SONALIKA HOUSE, 283 AGCR Enclave, Karkardooma, Delhi-110092