

**Solis**

**THE TOUGHEST  
PERFORMER  
FOR YOUR FIELD**

**20**  
POWER STEERING



RELIABLE MECHANICAL  
TRACTOR

POWER PACKED  
MITSUBISHI ENGINE

TWIN PROJECTOR  
HEADLAMPS

AGRI/IND./TURF  
TYRE OPTION

POWER  
STEERING



**COST  
EFFICIENT**  
MECHANICAL TRACTORS

MADE OF  
**REAL  
STEEL**

STRATEGIC  
COLLABORATION  
WITH  
**YANMAR**

# THE TOUGHEST PERFORMER FOR YOUR FIELD

## S20 POWER STEERING

# Solis



| FEATURES                     |  | S20 POWER STEERING |
|------------------------------|--|--------------------|
| <b>ENGINE</b>                |  |                    |
| Engine Type                  | Mitsubishi 3-Cylinder (water-cooled)                   |                    |
| HP Category                  | 20   |                    |
| No. of Cylinders             | 3  |                    |
| Aspiration                   | Naturally  |                    |
| Cubic Capacity (cc)          | 953  |                    |
| Rated RPM (+/-25mm)          | 2700   |                    |
| Air Cleaner                  | Dry with clogging sensor                               |                    |
| Cold Start                   | Standard   |                    |
| Max Torque (Nm)              | 52   |                    |
| Exhaust                      | Silencer in the engine compartment, downward discharge |                    |
| <b>TRANSMISSION</b>          |  |                    |
| Drive                        | 4 WD   |                    |
| Clutch                       | Single Clutch  |                    |
| Gearbox                      | 6 Forward + 2 Reverse                                  |                    |
| Front Axle                   | 4WD  |                    |
| Transmission                 | SLIDING MESH   |                    |
| <b>SPEED (FORWARD)</b>       |  |                    |
| Maximum Speed (Km/Hr)        | 15.1@2900  |                    |
| Minimum Speed (Km/Hr)        | 1.36@rated   |                    |
| <b>BRAKES</b>                |  |                    |
| Brakes                       | Dry drum brake   |                    |
| Type of Actuation            | Mechanical   |                    |
| Parking Brake                | Independent  |                    |
| <b>Differential Lock</b>     |  |                    |
| Differential Lock            | Yes, Foot Operated                                     |                    |
| <b>PTO</b>                   |  |                    |
| PTO (rpm)                    | 540, 1000  |                    |
| PTO (actuation)              | Mechanical   |                    |
| <b>STEERING</b>              |  |                    |
| Steering                     | Power Steering   |                    |
| <b>ELECTRICAL</b>            |  |                    |
| Battery                      | 12V, 60 Ah   |                    |
| Alternator                   | 12V, 42 A  |                    |
| Seven Pin Trailer Socket     | Standard   |                    |
| <b>HYDRAULICS</b>            |  |                    |
| 3 Point Linkage              | Cat 1-N  |                    |
| Stay Bars                    | Anchor Chain   |                    |
| Additional hydraulic circuit | 1 DA   |                    |
| Hydraulic Lifting Capacity   | 600 Kg   |                    |
| Lift Rods                    | Standard   |                    |
| Litre per Minute(LPM)        | 13.3   |                    |

| FEATURES                                 |                                 | S20 POWER STEERING         |                                   |
|--|---------------------------------|----------------------------|-----------------------------------|
| <b>SAFETY SWITCH</b>                     |                                 |                            |                                   |
| PTO Safety                               | Standard                        |                            |                                   |
| Neutral Safety Switch                    | Standard                        |                            |                                   |
| Clutch Safety Switch                     | Standard                        |                            |                                   |
| <b>CAPACITY (LTRS)(+/-5%)</b>            |                                 |                            |                                   |
| Fuel Tank (Lit)                          | 26                              |                            |                                   |
| <b>TURNING RADIUS</b>                    |                                 |                            |                                   |
| Without brakes (m) as per standard tyres | 3.2 (RHS), 3.15 (LHS)           |                            |                                   |
| <b>TYRE</b>                              |                                 |                            |                                   |
| Front                                    | 5.00-12                         |                            |                                   |
| Rear                                     | 8.00-18                         |                            |                                   |
| <b>DIMENSION &amp; WEIGHT(+/-5%)</b>     |                                 |                            |                                   |
| Weight (Kg)                              | 970                             |                            |                                   |
| Wheel Base (mm)                          | 1420                            |                            |                                   |
| Total Length (mm)                        | 2735                            |                            |                                   |
| Total Width (mm)                         | 945(max)-940(min)               |                            |                                   |
| Height (mm) Up to ROPS                   | 1945                            |                            |                                   |
| Min Ground Clearance (mm)                | 200                             |                            |                                   |
| Front Track (mm)                         | 805                             |                            |                                   |
| Rear Track (mm)                          | 715                             |                            |                                   |
| <b>OTHERS</b>                            |                                 |                            |                                   |
| Fuel Indicator Gauge                     | Standard                        |                            |                                   |
| Front Tow Hook                           | Standard                        |                            |                                   |
| Front & Rear Weights with std. Ballast   | Front weights 30 Kg - 2 x 15 Kg |                            |                                   |
| Trailer Hitch                            | Drawbar / Optional Towbar       |                            |                                   |
| ROPS                                     | Yes                             |                            |                                   |
| <b>OPTIONAL FEATURES</b>                 |                                 |                            |                                   |
| Cabin Option                             | No                              |                            |                                   |
| <b>Tyres</b>                             |                                 |                            |                                   |
|  |                                 |                            |                                   |
| Radial Agri: Front   Rear                | Turf: Front   Rear              | Ind: Front   Rear          | GALAXY PRO                        |
| Front 6.5/80-12<br>REAR 280/70 R18       | 23x8.50-12<br>33x15.5-16.5      | 23x8.50-12<br>33x15.5-16.5 | FRONT 220/55R12<br>REAR 280/70R16 |
| Front loader                             | YES optional                    |                            |                                   |

\*Data and specifications are subject to change without any advance notice due to continuous product improvement and development. All Dimensions are with standard tyres.

DEALER STAMP



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