

# Powerful, Reliable & Efficient!



**135 DI  
ULTRA  
POWER TILLER**



**M**ANEUVERABLE

- Light Weight
- Easy Turning
- High Torque



**D**URABLE

- 1000 hours of trouble free usage
- Long life of the engine



**R**ELIABLE

- **365 days of warranty** - 2 years OR 1000 hours warranty from VST
- **Repairs at your doorstep** - Our service experts reach your farm to service your power tiller.
- **48-hour service assurance** - Maximize productivity



# SPECIFICATIONS

## ENGINE

|                              |                                                                    |
|------------------------------|--------------------------------------------------------------------|
| MODEL                        | VST SHAKTI 135 DI                                                  |
| Type                         | Horizontal 4 stroke single cylinder water cooled diesel engine OHV |
| Combustion Chamber           | Direct Injection (DI)                                              |
| Max. Torque                  | 4.2 kh-m/1600 rpm                                                  |
| Max. HP as per IS 13539 1996 | 13.0 HP@2400 rpm                                                   |
| SFC (Specific Fuel Cons)     | 190g/hp/hr                                                         |
| Governor System              | Mechanical, centrifugal type                                       |
| Cooling System               | Condenser type thermo siphon cooling system                        |
| Starting System              | Hand cranking                                                      |
| Lighting System              | 12 Volts/35 Watts                                                  |
| Std. Pulley (DIA)            | 100mm/optional 120mm                                               |
| Dry Weight                   | 125 kgs                                                            |

## LUBRICATING SYSTEM

|                            |                               |
|----------------------------|-------------------------------|
| Oil Sump Capacity          | 2.8 ltrs                      |
| Type of Lubricating System | Force feed type Trochoid pump |
| Air Cleaner                | Multistage, oil bath type     |

## TILLER TRANSMISSION

|         |                                                     |
|---------|-----------------------------------------------------|
| Type    | Side drive rotary transmission                      |
| Forward | 6 speeds                                            |
| Reverse | 2 speeds                                            |
| Rotary  | 2 speeds (optional 4 speeds)                        |
| Clutch  | Multiple plate dry disc type                        |
| Brake   | Hand operated internal expanding metallic shoe type |

## OVERALL DIMENSIONS

Length x Width x Height : 2370 x 850 x 1270 mm

Weight : (Engine & Transmission with Rotary) - 440 Kg

## PERFORMANCE

|               |                  |
|---------------|------------------|
| Tilling Width | 600 mm (maximum) |
| No. of Tynes  | 18               |
| Tilling Depth | 150 mm (maximum) |
| Plough Depth  | 220 mm (maximum) |

## FUEL SYSTEM

|                    |                   |
|--------------------|-------------------|
| Fuel               | High speed diesel |
| Fuel Tank Capacity | 11 ltrs           |
| Nozzle             | Multi-hole (5)    |

## SPEED (Kmph)

| GEAR           | STANDARD PULLEY | OPTIONAL PULLEY |
|----------------|-----------------|-----------------|
| <b>FORWARD</b> |                 |                 |
| 1L             | 1.8             | 1.80            |
| 2              | 2.18            | 2.65            |
| 3              | 3.43            | 4.19            |
| 4H             | 5.26            | 6.47            |
| 5              | 7.72            | 9.54            |
| 6              | 12.18           | 14.99           |
| <b>REVERSE</b> |                 |                 |
| 1L             | 1.28            | 1.57            |
| 2H             | 4.56            | 5.63            |

## SPECIAL FEATURES



STATE OF THE ART LED HEAD LAMPS



COMFORTABLE SEAT



DETACHABLE ROTARY SHAFT



CYLINDRICAL MUFFLER



SIDE PTO

The performance of the product and its attachments are stated under Standard Test Conditions. Design & specifications may change due to continuous improvement.



**V.S.T. TILLERS TRACTORS LTD.**



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