

## TB 504 TRACTOR

THE MOST ROBUST TRACTORS. NO ELECTRIC COMPONENTS.

- Korean-Made Hyundai Doosan Engine: EPA4F 3 cylinders
- Horsepower: 50 HP
- Rated PTO Power: 41.57 HP
- Dimensions: 157" x 68" x 103"
- Weight: 5490 lbs
- Maximum speed: 37.6 KM/H



### THE BEST EQUIPPED VEHICLES ON THE MARKET!

### THE ONLY 10-YEAR or 3500 HOURS WARRANTY

- |  |   |  |  |
|--|---|--|--|
| 1 10-year warranty - the longest warranty in the industry          | 7 Tractor weight greater than competition, providing better traction        | 13 Wheel weights in the rear tires for better traction   | 20 Front and rear wipers   |
| 2 Front loader and bucket INCLUDED                                 | 8 Korean-made Hyundai Doosan engine   | 14 Sturdy front axle for heavy-duty work   | 21 Standard AM/FM/USB/AUX radio  |
| 3 Skid-Steer loader quick attachment system (SSQA)                 | 9 Diesel engine without regeneration (no DEF)                               | 15 Straight rear axle with adjustable extension to meet the needs of various driveability and stabilization applications. Provides 10 inches of additional width | 22 Sun visor to improve visibility and safety                              |
| 4 First class heavy-duty agricultural hydraulic system in 3 points | 10 Ceramic clutch for heavy-duty work to avoid conventional clutch slippage | 16 800 CCA battery for better starting in cold   | 23 Two replacement oil filters included to make your maintenance simpler   |
| 5 Front oil outlet - 3 <sup>rd</sup> function                      | 11 Standard agricultural radial tires                                       | 17 Air conditioning  | 24 Parts manual to make spare parts ordering easier                        |
| 6 2 standard rear hydraulic outlets                                | 12 Valve protector to limit punctures                                       | 18 Sunroof   | 25 A tool kit set for performing minor repairs and maintenance by yourself |
|  |   | 19 Renowned Grammer seat for ultimate comfort  |  |

# LOVOL

AGRICULTURE

# TB 504 TRACTOR

## THE MOST ROBUST TRACTORS. NO ELECTRIC COMPONENTS.

### DIMENSION

Dimension (LxWxH)	3986 x 1790 x 2842 mm 157 x 70.5 x 112 in
Weight ROPS / CAB	5490 / 5942 lbs 2490 / 2695 kg
Wheelbase	1990 mm / 78.3 in
Min radius of steering circle Unilateral braking	11.48 m / (3.5±0.3)
Min radius of steering circle No unilateral braking	4.0±0.3
Structure quality (Dry weight) ROPS / CAB (kg / lbs)	2365 / 2570 kg 5214 / 5667 lbs
Min ground clearance	320 mm / 12.59 in

### TIRES

Front / Rear wheel	280/70R20 • 380/70R28
Rear Track	1350 mm

### ENGINE (DOOSAN D18)

Engine	EPA4F, 3 cylinders
Type	Turbocharging
HP	49.5 HP
Cylinder number	3
Cylinder diameter X Stroke	90 x 94 mm
Bore and stroke	2.95 * 3.08 in

### FLUID CAPACITY

Engine fuel consumption rate (g/kW•h)	222
Fuel tank	60 L
Cooling system	9 L
Engine oil	5 L
Transmission case	39 L

### TRANSMISSION

Differential lock / Axle	Rear Axle differential lock, Electric Hydraulic
Gear box	Synchronizer 12F+12R
Clutch	11 inch DSCT Wet-type PTO Clutch
Braking	Wet disc

### PTO

PTO Power	31 kW
PTO HP	41.57 HP
PTO Specification	ø 35.6
Power Take-off	540/1000

### HYDRAULIC SYSTEM

Type	Open center
Pumps	Single pump with two outlets
Hydraulic depth control	Force / Position combined control
Traction	1400 kg
Elevating power at 24 in	13 kN
Elevating capacity at PTO	2000 kg 4409 lbs
Elevating capacity at 610 mm PTO	1300 kg 2866 lbs
Hydraulic output flow rate	45 L/min.



### OTHER

Rear oil outlets	2 standards rear hydraulic outlets
Battery	100 A.h. / 680 CCA
Air filter type	Paper elements, with safety filter (two layers air filter.)
Lubrication	Normal lubrication
Cooling system	Water-cooling with fan
Radiator	Aluminum radiator
Air conditioning	

### TRAVEL SPEED

Forward mph	2.7-37.6 km/h
Reverse mph	2.4-33.0 km/h