



[ CODENAME ]

# EXPLORER TB

■ STAGE V

105-115



**SAME**

105-115

# EXPLORER TB

|   |          | 105                     | 115      |
|---|----------|-------------------------|----------|
| ENGINE  |          |                         |          |
| Model   |          | FARMotion 45            |          |
| Emission level  |          | Stage V                 |          |
| Cylinders/Displacement                                    | n°/cc    | 4/3849                  |          |
| Turbocharger with charge air cooling                      |          | ▲                       |          |
| Visco cooling fan   |          | ▲                       |          |
| Injection @ pressure                                      | Type/bar | Common Rail @ 2,000     |          |
| Max. power (ECE R120)                                     | kW/HP    | 78/106                  | 85/116   |
| Power at rated speed (ECE R120)                           | kW/HP    | 74/101                  | 80.6/110 |
| Speed at maximum power                                    | rpm      | 2000                    |          |
| Max. engine speed (rated)                                 | rpm      | 2200                    |          |
| Max. torque   | Nm       | 433                     | 472      |
| Speed at maximum torque                                   | rpm      | 1400                    |          |
| Air filter with dust ejector                              |          | ▲                       |          |
| Fuel tank capacity  | l        | 85                      |          |
| AdBlue capacity   | l        | 10                      |          |
| Oil change interval                                       | Hours    | 600                     |          |
| TRANSMISSION  |          |                         |          |
| Model   |          | T4330                   |          |
| Transmission ratio  |          | 1.317                   |          |
| MECHANICAL SHUTTLE  |          |                         |          |
| Gearbox   | n°       | 5 gears x 2 or 4 ranges |          |
| N° of speed with 2 ranges                                 | n°       | 10+10                   |          |
| N° of speed with 2 ranges and 2 Powershift steps          | n°       | 20+20                   |          |
| N° of speed with 4 ranges                                 | n°       | 20+20                   |          |
| N° of speed with 4 ranges and 2 Powershift steps          | n°       | 40+40                   |          |
| Top speed 40 km/h ECO                                     | rpm      | 1990*                   |          |
| POWERSHUTTLE  |          |                         |          |
| Gearbox   | n°       | 5 gears x 4 ranges      |          |
| N° of speed with 4 ranges                                 | n°       | 20+20                   |          |
| N° of speed with 4 ranges and 2 Powershift steps          | n°       | 40+40                   |          |
| Stop&Go   |          | ▲                       |          |
| Top speed 40 km/h ECO                                     | rpm      | 1990*                   |          |
| HYDRAULICS AND LINKAGE                                    |          |                         |          |
| Pump flow (STD)   | l/min    | 55                      |          |
| Separate steering pump                                    |          | ▲                       |          |
| Spool valves control                                      | Type     | Mechanical              |          |
| Hydraulic auxiliary control valves (STD)                  | n°       | 2                       |          |
| Hydraulic auxiliary control valves (OPT)                  | n°       | 3                       |          |
| Rear linkage lifting capacity (STD)                       | Kg       | 3600                    |          |
| Rear linkage lifting capacity (OPT)                       | Kg       | 4525                    |          |
| Rear linkage lift category                                |          | II                      |          |
| External operation on rear fenders                        |          | o                       |          |
| Front linkage   |          | o                       |          |
| Front linkage lifting capacity                            | Kg       | 2100                    |          |
| Oil change interval                                       | Hours    | 1200                    |          |
| PTO   |          |                         |          |
| Rear PTO 540/540ECO                                       |          | ▲                       |          |
| Rear PTO 540/540ECO/1000/1000ECO                          |          | o                       |          |
| Groundspeed PTO with independent shaft                    |          | o                       |          |
| Front PTO 1000  |          | o                       |          |
| AXLES AND BRAKES  |          |                         |          |
| Electro-hydraulic differential lock 100%                  |          | ▲                       |          |
| Steering Double Displacement SDD                          |          | o                       |          |
| Steering angle  | degrees  | 50                      |          |
| Mechanical parking brake                                  |          | ▲                       |          |
| Hydraulic trailer brake with Dual Mode function           |          | o                       |          |
| ABS socket  |          | o                       |          |
| ELECTRICAL SYSTEM   |          |                         |          |
| Voltage   | V        | 12                      |          |
| Standard battery  | V/Ah     | 12/88                   |          |
| Alternator  | V/A      | 12/65                   |          |
| Starter motor   | V/kW     | 12/3.5                  |          |
| External socket   |          | ▲                       |          |
| DRIVING POSITION  |          |                         |          |
| Platform with tunnel                                      |          | ▲                       |          |
| 2-post foldable safety frame                              |          | ▲                       |          |
| Mounted on Silent-Block                                   |          | ▲                       |          |
| Driver seat with mechanical suspension                    |          | ▲                       |          |
| Height adjustment of steering column                      |          | ▲                       |          |
| 2x repeater/work lights on dashboard                      |          | o                       |          |
| 1x Beacon light LED                                       |          | o                       |          |
| LED driving light   |          | o                       |          |
| Large rear mirrors installed in front of drivers platform |          | o                       |          |

|                        |      | 105        | 115 |
|------------------------|------|------------|-----|
| DIMENSIONS AND WEIGHTS |      |            |     |
| With front tyre        | Size | 300/70 R20 |     |
| With rear tyre         | Size | 420/70 R24 |     |
| Wheelbase              | mm   | 2400       |     |
| Max. length            | mm   | 4117       |     |
| Total height - ROPS    | mm   | 2395       |     |
| Height at bonnet       | mm   | 1470       |     |
| Height at mudguards    | mm   | 1364       |     |
| Width                  | mm   | 1940       |     |
| Weight                 | Kg   | 3400       |     |
| Total admissible load  | Kg   | 6400       |     |

- ▲ STD
- OPT
- Not available

\* value can vary according to rear tyre size and transmission equipment.



### ENGINE

- FARMotion 45 Stage V engines
- Power outputs from 106 to 116 HP
- Compact exhaust aftertreatment system integrated perfectly into the design of the engine itself allowing for a lower overall profile

### DRIVING POSITION

- Lower driver platform
- Foldable 2-post ROPS available in two versions
- Electronic controls for engaging the PTO, differential locks and 4WD

### HYDRAULICS

- 4 or 6 way rear distributors
- Hydraulic system with 55 l/min pump dedicated to distributors
- Rear lift with max. capacity of 4525 Kg
- Front lift and PTO available as options

### AXLES

- Extraordinary agility with the SDD system
- Front axle with integrated wet disc brakes
- 100% lockable differential ensuring excellent traction

### TRANSMISSION AND PTO

- Mechanical reverse shuttle or PowerShuttle with Stop&Go system
- From 10+10 to 40+40 speeds with 2-stage Powershift (Hi-Lo)
- 540/540ECO/1000/1000ECO PTO speed modes and groundspeed PTO, with independent output shaft

The technical data and images contained herein are indicative only. SAME reserves the right to modify its products at any time without prior notice.  
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To find out more, visit [same-tractors.com](https://www.same-tractors.com) or talk to your dealer.



SAME is a brand of SDF



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