

# R3 TB

85\_100



Deutz TIER III 2012 series engines, 4 cylinder naturally aspirated or turbo, 4038 cm<sup>3</sup>

100% compatible with biodiesel fuel (B100)

5-speed transmission with HI-LO 40+40 with hydraulic powershuttle Sense Clutch

Hydraulic P.T.O. with four speeds (540/540ECON/1000/ECO), and independent live power take-off

Hydrostatic braking on all four wheels

Double-drive P.T.O. and electro-hydraulic differentials

## TECHNICAL DATA

Version		<b>R3.TB 85</b> 4WD	<b>R3.TB 100</b> 4WD
<b>ENGINE</b>		<b>DEUTZ 2012 TIER III</b>	<b>DEUTZ 2012 TIER III</b>
Cylinders/Displacement	n°/cm³	4/4038	4/4038
Aspiration		Turbo	Turbo Intercooler
Homologated power at nominal engine speed (2000/25/CE)	CV/kW	85/62,5	99/73
Nominal engine speed	rpm		2300
Max. torque	Nm	320	380
Max. torque engine speed	rpm	1400/1600	1400/1700
Torque backup	%	23	26
Cooling		liquid-oil	
Engine control		electronic	
Air cleaner		dry with safety cartridge and dust ejector	
Silencer underhood		with horizontal exhaust under the platform	
Fuel tank capacity	litres	100	
<b>DIMENSIONS AND WEIGHTS (with rear tyres)</b>		<b>420/70 R 24</b>	<b>420/70 R 28</b>
Max. length without link arms	mm	4000	4100
Width min.- max.	mm	1915-2415	1915-2415
Max. height at safety frame	mm	2320	2529
Height at engine hood	mm	1280	1450
Max. height at rear mudguards	mm	1275	1275
Max. height at driver's seat	mm	1010	1275
Ground clearance	mm	300	500
Wheelbase	mm	2310	2320
Front track min.- max.	mm	1500-1800	1600-2100
Rear track min.- max.	mm	1500-2000	1600-2100
Minimum steering radius without braking	mm	4200	3050
Weight with safety frame	kg	3050	3100

### TRANSMISSION

Gearbox clutch		oil-immersed clutch pack for hydraulic shuttle	
Mechanical gearbox 15 FWD + 15 REV		5 synchronised gears x 3 ranges	
Mechanical gearbox 20 FWD + 20 REV or 40 FWD + 40 REV with HI-LO		5 synchronised gears x 4 ranges (with creeper)	
Max. speed	km/h	40	
Shuttle		mechanical, synchronised	
		hydraulic power shuttle	
Rear differential lock		electro-hydraulically operated	
Lubrication		forced	

### GEARBOX 40 FWD + 40 REV WITH HI-LO - SPEED IN KM/H AT ENGINE SPEED OF 2300 RPM WITH 420/70 R 24 REAR TYRES

	1 SR	2 SR	3 SR	4 SR	5 SR	1 L	2 L	3 L	4 L	5 L	1 M	2 M	3 M	4 M	5 M	1 V	2 V	3 V	4 V	5 V
LOW	0,28	0,41	0,54	0,72	0,95	0,78	1,15	1,53	2,02	2,68	2,47	3,66	4,87	6,43	8,53	7,48	11,09	14,75	19,46	25,83
HIGH	0,32	0,48	0,63	0,84	1,11	0,91	1,34	1,78	2,35	3,13	2,88	4,27	5,69	7,50	9,95	8,73	12,94	17,21	22,71	30,00*

### GEARBOX 40 FWD + 40 REV WITH HI-LO - SPEED IN KM/H AT ENGINE SPEED OF 2300 RPM WITH 420/70 R 28 REAR TYRES

	1 SR	2 SR	3 SR	4 SR	5 SR	1 L	2 L	3 L	4 L	5 L	1 M	2 M	3 M	4 M	5 M	1 V	2 V	3 V	4 V	5 V
LOW	0,44	0,59	0,79	1,12	1,52	1,50	2,02	2,69	2,82	5,16	3,24	4,36	5,80	8,26	11,14	9,56	12,98	17,27	24,59	33,17
HIGH	0,52	0,69	0,92	1,31	1,77	1,75	2,36	3,13	4,46	6,02	3,78	5,09	6,77	9,64	13,00	11,26	15,14	20,15	28,69	39,00*

## BRAKES AND STEERING

Braking system	all wheel braking, oil-immersed discs on all 4 wheels, hydrostatically operated
Parking brake	independent, oil-immersed discs
Trailer braking	hydraulically operated
Hydrostatic steering	independent pump
Steering angle	50°

### FRONT AXLE

Drive engagement	mechanically operated
Front differential lock	electro-hydraulically operated
Front ballast	eight 40 kg weights

### REAR P.T.O.

Clutch	multiple oil-immersed discs
Speed	rpm 540-540 ECON-1000-1000 ECON synchronised P.T.O.
Operation	electro-hydraulically operated, push-button control

### HYDRAULIC LIFT

Rear power lift	mechanical
Maximum lifting capacity	kg 4300
Pump delivery	l/min. 56
Auxiliary hydraulic control valves	no. ways 4/6
3 point linkage (link arms and top link)	fixed hitching balls automatic hitching
RH link arm and top link	mechanical adjustment

### DRIVING POSITION

Platform	with tunnel suspended on silent-block
Safety frame	two uprights removable
Instruments	analogic
Driver's seat	mechanical adjustment, safety belt

## DEALER CONTACT



### SAME DEUTZ-FAHR GROUP S.p.A.

Viale Cassani, 14 \_ 24047 \_ Treviso (BG) \_ Italy \_ Ph: +39 0363 4211 \_ www.samedeutz-fahr.com

### SAME DEUTZ-FAHR U.K. LTD.

Barby Lane, Barby, Nr Rugby \_ CV23 8TD \_ WARWICKSHIRE \_ UK \_ www.lamborghini-tractors.com



\*=MAX. SPEED EFFECTIVE  
PLEASE NOTE: REVERSE SPEEDS ARE SLIGHTLY HIGHER THAN THE CORRESPONDING FORWARD SPEEDS.

The above specifications refer to tractors with all available equipment. For standard equipment and options, refer to the current price list and ask your local dealer for details.