

CF

90_100



SDF TIER III, Series 1000 4 cylinders turbo intercooler engines

Transmission 16 forward + 16 reverse gears with underdrive

2-speed PTO with oil-immersed multiplate clutch: 540/540ECO

Open centre hydraulic system available with tandem pump with capacity of 50 + 24 l/min and 8 way remote valves with flow control

Oil-immersed band steering brakes with servo-assisted hydrostatic operation

Driving platform on Silent-Block mountings

Lubricated track chains with 5 rollers per track, providing ample footprint

TECHNICAL DATA

| | CF.90 | | | | CF.100 | | | |
|-------------------------------------|--|---|---|---|--|---|---|--|
| | C | N | M | N | M | N | M | |
| ENGINE | SDF TIER III ENGINE | | | | SDF TIER III ENGINE | | | |
| Cylinders/Displacement | no./cm³ | | | | 4/4000 | | | |
| Aspiration | Turbo Intercooler | | | | Turbo Intercooler | | | |
| Max. homologated power (2000/25/CE) | HP/kW | | | | 85/62,5 | | | |
| Max. homologated power (ECE R24.03) | HP/kW | | | | 85/62,5 | | | |
| Nominal engine speed | rpm | | | | 2200 | | | |
| Max. torque | Nm | | | | 345 | | | |
| Max. torque engine speed | rpm | | | | 1600 | | | |
| Torque backup | % | | | | 27,2 | | | |
| Cooling | liquid-oil | | | | liquid-oil | | | |
| Engine control | electronic | | | | electronic | | | |
| Air cleaner | dry with safety cartridge and dust ejector | | | | dry with safety cartridge and dust ejector | | | |
| Silencer underhood | with lateral exhaust | | | | with lateral exhaust | | | |
| Fuel tank capacity | litres | | | | 90 | | | |
| TRACKS | | | | | | | | |
| Chains | dry | | | | dry | | | |
| Rollers and idlers | semilubricated / lubricated | | | | semilubricated / lubricated | | | |
| Track bottom rollers | no. | | | | 5 | | | |
| Track top rollers | no. | | | | 1 | | | |
| Track shoes | no. | | | | 37 | | | |
| Track guards | type | | | | plate | | | |
| Shoe width | mm | | | | 310 360 400 360 450 | | | |
| Ground contact area | cm² | | | | 8990 10454 11600 10454 13032 | | | |
| Front ballast | no. | | | | 8 front weights, 40 kg each | | | |
| | | | | | 2+2 zavorre laterali da 40 kg cadauna | | | |
| DIMENSIONS AND WEIGHTS | | | | | | | | |
| Length | mm | | | | 3445 3407 | | | |
| Width | mm | | | | 1360 1460 1750 1460 1800 | | | |
| Track | mm | | | | 1050 1100 1350 1100 1350 | | | |
| Height at seat | mm | | | | 1070 | | | |
| Height at dashboard | mm | | | | 1430 | | | |
| Ground clearance | mm | | | | 250 | | | |
| Wheelbase | mm | | | | 1650 | | | |
| Weight | kg | | | | 4283 4335 4514 4335 4630 | | | |
| TRANSMISSION | | | | | | | | |
| Gearbox clutch | dry, single disc | | | | dry, single disc | | | |
| Mechanical gearbox 16 FWD + 16 REV | 4 synchronised gears, 2 gear ranges + underdrive (min. speed: 1.33 km/h) | | | | 4 synchronised gears, 2 gear ranges + underdrive (min. speed: 1.33 km/h) | | | |
| Mechanical gearbox 16 FWD + 16 REV | 4 synchronised gears, 2 gear ranges + creeper (min. speed: 0.61 km/h) | | | | 4 synchronised gears, 2 gear ranges + creeper (min. speed: 0.61 km/h) | | | |
| Shuttle | mechanical, synchronised | | | | mechanical, synchronised | | | |

16 FWD + 16 REV GEARBOX WITH SHUTTLE AND UNDERDRIVE - SPEED IN KM/H AT ENGINE SPEED OF 2200 RPM

| 1 L min | 1 L | 2 L min | 2 L | 3 L min | 3 L | 4 L min | 4 L | 1 V min | 1 V | 2 V min | 2 V | 3 V min | 3 V | 4 V min | 4 V |
|---------|------|---------|------|---------|------|---------|------|---------|------|---------|------|---------|------|---------|-------|
| 1,25 | 1,50 | 1,62 | 1,95 | 2,09 | 2,52 | 3,07 | 3,70 | 3,97 | 4,78 | 5,17 | 6,22 | 6,67 | 8,03 | 9,82 | 11,82 |

16 FWD + 16 REV GEARBOX WITH SHUTTLE AND CREEPER - SPEED IN KM/H AT ENGINE SPEED OF 2200 RPM

| 1 L SR | 2 L SR | 3 L SR | 4 L SR | 1 L | 1 V SR | 2 L | 2 V SR | 3 L | 3 V SR | 4 L | 4 V SR | 1 V | 2 V | 3 V | 4 V |
|--------|--------|--------|--------|------|--------|------|--------|------|--------|------|--------|------|------|------|-------|
| 0,43 | 0,56 | 0,73 | 1,07 | 1,50 | 1,84 | 1,95 | 2,39 | 2,52 | 3,08 | 3,70 | 4,20 | 4,78 | 6,22 | 8,03 | 11,82 |

DEALER CONTACT



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Company with
Quality System Certified
in compliance with
ISO 9001:2000



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.

| | | |
|---|----------|---|
| REAR P.T.O. | | |
| Clutch | | multiple discs in oil bath |
| Speed | rpm | 540-540 ECON |
| Operation | | hydraulic servocontrol |
| BRAKES AND STEERING | | |
| Side steering brakes | | multiple discs in oil bath servo-assisted hydrostatic operation |
| Steering brakes | | band in oil bath, servo-assisted hydrostatic operation |
| Clutch-brake operation | | in sequence, control levers under dashboard |
| Working brakes | | pedal |
| HYDRAULIC LIFT | | |
| Rear power lift | | mechanical |
| | | with draft, depth and mixed control |
| Maximum lifting capacity | kg | 3000 |
| Pump delivery | l/min. | 50 + 24 with dual pump |
| Auxiliary hydraulic control valves | no. ways | 6/8 with flow regulator, doubled at front |
| Heavy Duty 3 point linkage (link arms and top link) | | fixed hitching automatic hitching |
| DRIVING POSITION | | |
| Platform | | suspended on silent-block |
| Safety frame | | folding |
| Gear levers | | to right of driver |
| Shuttle lever | | to left of driver |
| Driver's seat | | mechanical adjustment, safety belt pneumatic suspension, safety belt |