

PERFORMANCE

- Rated engine power at 2400 rev/min/BS : 82 BSHP
- Max. Engine torque at 1600 rev/min : 285 Nm*
- Min. PTO power at rated engine speed : 63.4HP*

*manufacturer's estimate

ENGINE

- Type : PERKINS 1004.4T
- Number of cylinders : 4
- Injection : Direct
- Bore / Stroke : 100/127 mm
- Capacity : 3989 cc
- Compression Ratio : 16:5:1
- Cooling system : Water
- Air cleaner : Oil bath type with cyclone pre-cleaner

ELECTRIC

- Battery : 12V – 120Ah
- Alternator : 14V – 65A
- Starter Motor : 12V – 2.7 kW

CLUTCH

- Type : Single plate, dry, disc spring compress operation dual stage clutch

TRANSMISSION

- Gearbox : Compound type 4x(2+1), 8 forward gearshift, 4 reverse gearshift, 4x(2+1)x2 gearshift with optional crawler, 16 forward gearshift, 8 reverse gearshift, straight teeth for mesh space for main and auxiliary gearshift
- Number of gears forward / reverse : 16F / 8R
- Rear axle : Central drive – spiral cone gear
Difference – close type, 4 planetary cone gear
- Differential lock : Mesh space

ROAD SPEEDS

• Forward

Low	Normal	L1 : 2.41 km/h	
		L2 : 3.75 km/h	
		L3 : 6.01 km/h	
		L4 : 8.38 km/h	
Crawler		L1 : 0.40 km/h	
		L2 : 0.75 km/h	
		L3 : 1.20 km/h	
		L4 : 1.68 km/h	
High	Normal	H1 : 10.47 km/h	
		H2 : 16.29 km/h	
		H3 : 20.06 km/h	
		H4 : 36.37 km/h	
	Crawler		H1 : 2.09 km/h
			H2 : 3.26 km/h
			H3 : 5.21 km/h
			H4 : 7.27 km/h

• Reverse

Normal	R1 : 3.24 km/h	
	R2 : 5.04 km/h	
	R3 : 8.06 km/h	
	R4 : 11.25 km/h	
Crawler		R1 : 0.65 km/h
		R2 : 3.75 km/h
		R3 : 6.01 km/h
		R4 : 8.38 km/h

POWER TAKE-OFF

- Type : Two speed live PTO
- PTO shaft speed / engine speed : 540 / 100 rev/min
1000 / 2000 rev/min
- Shaft Diameter : 35 mm
- Number of splines : 6

HYDRAULICS

- Functions : Draft position and floating control
- Standard oil flow : 38.4 lit/min
- Nominal pressure : 16MPa ± 0.5
- 3-point linkage : 2 cat. ISO
- Max Lift capacity : 2600 kg

STEERING

- Type : Hydrostatic

TYRES

- Front : 12.4R 24
- Rear : 16.9R 30

FRONT AXLE

- Type : Final drive-spiral bevel gear and final hub reductions, mechanically engaged

TRACK ADJUSTMENT

- Front : 1610 – 1950 (normal 1610 mm)
- Rear : 1608 – 2008 (normal 1608 mm)
- Turning radius : 4.6 ± 0.3 m

BRAKES

- Main Brake : Oil immersed disc type brakes, mechanically operated together or independently
- Parking Brake : Mechanical, hand operated

DIMENSIONS

- Length : 4625 mm
- Width : 2038 mm
- Height : 2810 mm
- Wheelbase : 2366 mm
- Ground Clearance : 379 mm

WEIGHTS

- Tractor ready to work without ballast weights without cab : 3650 kg
- Tractor ready to work with ballast weights : 3890 kg

CAPACITIES

- Full tank : 100 ℓ
- Engine sump : 7.0 ℓ
- Cooling system : 14 ℓ
- Transmission : 38 ℓ
- Hydraulic lifting : 17 ℓ
- Front axle : 5.5 ℓ
- Final hub reduction : 2 x 1.7 ℓ
- Front final hub reductions : 2 x 1.4 ℓ
- Steering system : 2.5 ℓ

Note : Due to product development EUROSTAR reserves the rights to change technical data without previous notice and accepts no responsibility for discrepancies in specifications or illustrations contained in its publications.