

PERFORMANCE

| | |
|--|----------------------|
| Rated engine power at 2200 rev/min (DIN 70020) | 86 BSHP 80 DIN HP |
| Max. engine torque at 1400 rev/min | 285 Nm |
| Min. PTO power at rated engine speed | 75 HP |

*Manufacturer's estimate

ENGINE

| | |
|---------------------|--|
| Type | URSUS 4410 |
| Number of cylinders | 4 |
| Injection | direct |
| Bore / Stroke | 101/127 mm |
| Capacity | 4070 cm ³ |
| Compression ratio | 16:1 |
| Air cleaner | Oil bath type with cyclone pre-cleaner |

ELECTRICS

| | |
|---------------|---------------|
| Battery | 12 V – 120 Ah |
| Alternator | 12 V – 55 A |
| Starter motor | 24 V – 2.9 kW |

CLUTCH

| | |
|---------------|---|
| Type | Dry, dual with main drive plate and PTO plate |
| Disc diameter | 350 and 254 mm respectively |

TRANSMISSION

| | |
|-----------------------------------|--|
| Gearbox | Mechanical with sliding gears and epicyclic reduction unit |
| Number of gears forward / reverse | 8 / 2 |
| Rear axle | Final drive-spiral bevel gear and final hub reductions |
| Differential lock | Mechanical, foot operated |

ROAD SPEEDS

| | | |
|---|----|------------|
| At rated engine speed with 16.9 R 30 rear tyres | | |
| - forward | 1L | 1.75 km/h |
| | 2L | 2.56 km/h |
| | 3L | 4.72 km/h |
| | 4L | 5.78 km/h |
| | 1H | 7.18 km/h |
| | 2H | 10.51 km/h |
| | 3H | 19.28 km/h |
| | 4H | 23.67 km/h |
| - reverse | 1R | 2.39 km/h |
| | 2R | 9.77 km/h |

POWER TAKE-OFF

| | |
|-------------------|-------------------------|
| Type | Two speed live PTO |
| PTO shaft speed | 540 / 1992 rev/min |
| Engine speed | 1000 / 2000 rev/min |
| Shaft diameter | 35 mm |
| Number of splines | 6 (540) And 21(1000) |

HYDRAULICS

| | |
|-------------------------|-------------------------------------|
| Functions | Draft position and response control |
| Standard oil flow | 26.2 dm ³ / min |
| Auxiliary pump oil flow | 20 dm ³ / min |
| Combine oil flow | 46.2 dm ³ / min |
| Nominal pressure | 16.0 MPa |
| 3-point linkage | 2 cat. ISO |
| Lift assist ram | 2 |
| Max. lift capacity | 2600 kg |
| External hydraulics | Quick coupling – 4 pcs |

STEERING

| | |
|------|-------------|
| Type | Hydrostatic |
|------|-------------|

FRONT AXLE

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

BRAKES

| | |
|---------------|---|
| Main brake | Oil immersed disc brakes, mechanically operated together or independently |
| Parking brake | Mechanical, hand operated |

TYRES

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

TRACK ADJUSTMENT

| | |
|-------|---|
| Front | 1474, 1505, 1625, 1635, 1655, 1665, 1785, 1815 mm |
| Rear | 1500, 1620, 1770, 1800, 1950, 2060, 2220 mm |

DIMENSIONS

| | |
|---|----------------|
| Length without / with front ballast weights | 3820 / 4030 mm |
| Height to cab roof / exhaust | 2550 / 2670 mm |
| Width (1500 mm track) | 2010 mm |
| Wheelbase | 2300 mm |
| Ground clearance | |
| - under gearbox | 480 mm |
| - under drawbar | 290 mm |

WEIGHTS

| | |
|--|----------------|
| Tractor ready to work without ballast weights without / with cab | 3120 / 3600 kg |
| Tractor ready to work with ballast weights with cab | 4100 kg |
| Water in rear tyres | 2 x 289 kg |

CAPACITIES

| | |
|-----------------------------|-------------------------|
| Fuel tank | 80.0 dm ³ |
| Engine sump | 7.0 dm ³ |
| Cooling system | 16.6 dm ³ |
| Transmission and hydraulics | 44.0 dm ³ |
| Final hub reductions | 2 x 1.7 dm ³ |
| Front axle | 5.5 dm ³ |
| Front final hub reductions | 2 x 1.4 dm ³ |
| Steering system | 1.2 dm ³ |

OPTIONAL EQUIPMENT

Cab with equipment : two-doors, low-noise safety cab with spring suspension seat, front and rear windscreen wipers, rear mirrors, heater, ventilation and air filter, full lighting set, hazard lights
Air compressor system
Installation for trailer air brakes
Front wheels 11.2 R 24
Front wheels 12.4 - 24
Rear wheels 16.9 R 30
Rear wheels 16.9 - 34
Safety frame with roof (4 posts)
Swinging drawbar
Two axle trailer hitch
Auto hitch
Linkage drawbar

ACCESSORIES

Front ballast weight – 200 kg
Rear ballast weights – 290 kg
Front weights frame with towing hitch
Front fenders
Plough lamp
Tool kit

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