

URSUS 3512



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URSUS

FarmAll
TECHNOLOGY

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Ursus 3512 is a multipurpose tractor which ensures high performance and reliability. It is one of the most popular and economical tractor in 60 HP range

Spacer	Spacer Between Centre Housing & Transmission Case Hence Longer
Longer Intermediate Shaft	Longer Intermediate Shaft Fu, 150mm
Heavy Steering Spindle	Heavy and Study Steering Spindle of Dia 38mm Against 32mm
End Arm Steeing	Heavier And Tougher End Arms
Tie-Rod Ends	Heavier Tie-Rod End
Seat	Elegant ,Bigger And Cozy Seat Pan With Adjustable Suspension For Maximum Driver Comfort
Top Link	Exclusive Design Top Link To Suit Multiple Operation
Wheel Disc	Strengthen Wheel Asssy. With Reinforced And Thicker Disc
Powder Coated Sheet Metal	Powder Coated Sheet Metal of Film Thickness 100 Microns Against Wet Painted Sheet Metal of Thickness 20-25 Microns
Fuel Injection Pump (Wsk)	Original Branded Wsk Dpa Fuel Injection Pump
Crankshaft	Forged in En19c Crankshaft
Sheet Metal	Sheet Metal Made Of 1.6mm Sheet Against 1mm
Heavy King Pin	Heavier King Pin Of Dia 48mmmm Against Dia 38mmmm
Muffler Assembly	Muffler Assembly 6 To 4 Baffles Agianst Single Baffle
Reduction Unit Gear	Bush Fitted For Extra Support Of Axle Shaft & Better Gear Ratio (21t,12t)
Crown Wheel Pinion	11/38 Crown Wheel Pinion
Lights	Made of Pure Acrylic Hence Guaranteed Against Fading
Harness	Made From Original Gauge Wire For Better Conductivity
Dual Heavy Check Chain	For Heavy Duty Operation
Tyres	Rear 14.9/13 - 28 8pr,Front 600.16 8pr
Over All Weight	1930 kg
Fuel Tank	Electro Galvanize Sheet Fuel Tank Against M.S. Fuel Tanks
Planetary Ring	45 Teeth Ensuring Better Speed
Brake Paddle	Steel Casted Padals Erogonomically Designed



ENGINE

Type	URSUS 3255
Number of Cylinders	3
Injection	Direct
Bore/Stroke	91.44/127 mm
Capacity	2.5L
Compression Ratio	165:1
Rated Engine Power at 2250 rev/min (ISO 14396)	60 HP
Max Engine torque at 1790	212 Nm at 1600 rev/min
Cooling System	Water
Air Cleaner	Two-Stage Oil Bath type with cyclone pre-cleaner

ELECTRICS

Battery	12V - 108 Ah
Alternator	12V - 44 A
Starter motor	12V - 2.2 kW

CLUTCH

Type	Dry, two-stage disc type
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TRANSMISSION

Gearbox	Mechanical with sliding gears and epicydic reduction
Number of gears	8 forward / 2 rear
Rear Axle	Final drive Gleason bevel gear with final hub reduction
Differential lock	Mechanical

ROAD SPEEDS (AT RATED ENGINE SPEED)

Forward	1L	2L	2.27 km/h	3.33 km/h
	3L	4L	4.55 km/h	6.11 km/h
	1H	2H	9.09 km/h	13.33 km/h
	3H	4H	18.21 km/h	24.44 km/h
Reverse	1R	2R	3.09 km/h	12.38 km/h

POWER TAKE-OFF

Type	Live PTO engaged by mechanically controlled main clutch
PTO shaft speed/engine speed	540 / 1788 rev/min
PRO shaft diameter	35 mm
Number of splines	6



HYDRAULICS

Functions	Draft, position, response control
Standard Oil Flow	17 L/min
Nominal Pressure in the quick coupling	21 Mpa
3-Point linkage	cat. II
Max. lift capacity	2710 kg

STEERING

Type	Mechanical
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BRAKES

Main brake	Oil immersed disc brakes independently operated
Parking brake	Mechanical

TIRES

Front	6.00 - 16 PR
Rear	14.9 R28

TRACK ADJUSTMENT

Front	1350, 1500, 1800 mm
Rear	1500, 1655, 1765, 1800, 1910, 2060, 2210 mm

DIMENSIONS

Length without/with front ballast weights	3413 / 3623 mm
Height of silencers	2380 / 2490 mm
Width (1500 mm rear track)	1880 mm
Wheelbase	2083 mm
Ground clearance (under gearbox)	385 mm

WEIGHTS

Tractor ready to work without ballast weights	1930 kg
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CAPACITIES

Fuel Tank	58L
Air Cleaner	0.5L
Engine sump	6.8L
Cooling system	10.2L
Transmission and hyd.	32L
Steering system	0.9L

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