

URSUS 4512



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TECHNOLOGY

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Ursus 4512 is the economical, versatile and all round tractor in 75HP range. Its rugged, maneuverable and compact with easy accessibility to service points.

Wheel Base	Long wheel base, 2220mm
PTO	Type Two Speed Live PTO Shaft Dia 35mm
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
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
Sheet Metal	Sheet Metal Made Of 1.6mm Sheet Against 1mm
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 18.4-30, Front 7.5-16
Over All Weight	2650 kg
Fuel Tank	Electro Galvanize Sheet Fuel Tank Against M.S. Fuel Tanks
Breaks	Steel Casted Padals Ergonomically Designed



ENGINE

Type	4390
Number of Cylinders	4
Injection	Direct
Bore/Stroke	101/127 mm
Capacity	4070 cm ³
Compression Ratio	160:1
Rated Engine Power at 2200 rpm (DIN 70020)	75 HP
Max Engine torque at 1600 rpm	261 Nm
Starting Aid	Flame Plug
Air Cleaner	Oil Bath type with cyclone pre-cleaner

ELECTRICS

Battery	12V - 120Ah
Alternator	12V - 55A
Starter motor	24V - 3.5 kW

CLUTCH

Type	Dry, dual with main drive plate & PTO Plate
Disc diameter	350 & 254mm respectively

TRANSMISSION

Gearbox	Mechanical with sliding gears and epicyclic reduction unit
Number of gears	8 forward / 2 rear
Rear Axle	Final drive spiral bevel gear & final hub reduction
Differential lock	Mechanical, foot operated

ROAD SPEEDS (AT RATED ENGINE SPEED)

Forward	1L	2L	2.12 km/h	3.11 km/h
	3L	4L	5.71 km/h	7 km/h
	1H	2H	8.69 km/h	12.73 km/h
	3H	4H	23.34 km/h	28.65 km/h
Reverse	1R	2R	2.89 km/h	11.82 km/h

POWER TAKE-OFF

Type	Two speed live PTO
PTO shaft speed/engine speed (1000/2000rpm)	540 / 1000 rev/min
PRO shaft diameter	35 mm
Number of splines	6



HYDRAULICS

Functions	Draft, position, response & pressure control
Standard Oil Flow	26.2 L/min
Nominal Pressure	216 Mpa
3-Point linkage	2 cat. ISO
Max. lift capacity	2200 kg

STEERING

Type	Hydrostatic
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BRAKES

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

TIRES

Front	7.5 - 16
Rear	18.4 - 30

TRACK ADJUSTMENT

Front	1400, 1500, 1600, 1700, 1800 mm
Rear	1500, 1620, 1770, 1800, 1950, 2060, 2220 mm

DIMENSIONS

L x W x H	3770 x 2010 x 2630 mm
Wheelbase	2380 / 2490 mm
Ground clearance (under gearbox)	460 mm

WEIGHTS

Tractor ready to work without ballast weights	2650 kg
Tractor ready to work with ballast weights	3180 kg

CAPACITIES

Fuel Tank	80L
Air Cleaner	1.55L
Engine sump	7L
Cooling system	16.6L
Transmission and hydraulic	44L
Steering system	1.2L

FarmALL TECHNOLOGY

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