

# URSUS 2812



**BE A PROUD  
URSUS OWNER**

**URSUS**

*FarmAll*  
TECHNOLOGY

[www.farmalltechnology.com](http://www.farmalltechnology.com)

**Ursus 2812** is the most economical, versatile and all round tractor in 50HP range. Its rugged, maneuverable and compact with easy accessibility to service points.

<b>Spacer</b>	Spacer Between Centre Housing & Transmission Case Hence Longer
<b>Wheel Base</b>	Long wheel base, 1930 Against 1892mm
<b>Heavy Steering Spindle</b>	Dia 38mm Against 32mm
<b>End Arm Steeing</b>	Heavier And Tougher End Arms
<b>Tie-Rod Ends</b>	Heavier Tie-Rod End
<b>Seat</b>	Elegant ,Bigger And Cozy Seat Pan With Adjustable Suspension For Maximum Driver Comfort
<b>Top Link</b>	Exclusive Design Top Link To Suit Multiple Operation
<b>Powder Coated Sheet Metal</b>	Powder Coated Sheet Metal of Film Thickness 100 Microns Against Wet Painted Sheet Metal of Thickness 20-25 Microns
<b>Fuel Injection Pump (Wsk)</b>	Original Branded WSK Dpa Fuel Injection Pump
<b>Crankshaft</b>	Forged in En19c Crankshaft
<b>Sheet Metal</b>	Sheet Metal Made Of 1.6mm Sheet Against 1mm
<b>Heavy King Pin</b>	Heavier King Pin Of Dia 48mm Against Dia 38mm
<b>Muffler Assembly</b>	Muffler Assembly 6 To 4 Baffles Against Single Baffle
<b>Crown Wheel Pinion</b>	6/37 Crown Wheel Pinion
<b>Lights</b>	Made of Pure Acrylic Hence Guaranteed Against Fading
<b>Harness</b>	Made From Original Gauge Wire For Better Conductivity
<b>Dual Heavy Check Chain</b>	For Heavy Duty Operation
<b>Tyres</b>	Rear 12.4 R28, Front 6.00-16 R28
<b>Over All Weight</b>	1670 kg
<b>Fuel Tank</b>	Electro Galvanize Sheet Fuel Tank Against M.S. Fuel Tanks
<b>Brake Paddle</b>	Steel Casted Padals Ergonomically Designed



## ENGINE

Type	URSUS 3250
Number of Cylinders	3
Injection	Direct
Bore/Stroke	91.44/127 mm
Capacity	2502 cm <sup>3</sup>
Compression Ratio	16.5:1
Rated Engine Power at 2250 rev/min (ISO 14396)	50HP
Max Engine torque at 1790	173.5 Nm at 1300-1400 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 reduction
Number of gears	8 forward / 2 rear
Rear Axle	Final drive Gleason bevel gear
Differential lock	Mechanical

## ROAD SPEEDS (AT RATED ENGINE SPEED)

Forward	1L	2L	2.25 km/h	3.29 km/h
	3L	4L	4.50 km/h	6.04 km/h
	1H	2H	8.98 km/h	13.17 km/h
	3H	4H	17.99 km/h	24.15 km/h
Reverse	1R	2R	3.06 km/h	12.23 km/h

## POWER TAKE-OFF

Type	Live PTO
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	19.2 Mpa
3-Point linkage	cat. II
Max. lift capacity	1330 kg

## STEERING

Type	Mechanical
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## BRAKES

Main brake	Dry, drum type brake independently operated
Parking brake	Mechanical

## TIRES

Front	6.00 - 16 6PR
Rear	12.4 R28

## TRACK ADJUSTMENT

Front	1350, 1500, 1800 mm
Rear	1350, 1372, 1502, 1652, 1782, 1806, 1936 mm

## DIMENSIONS

Length without/with front ballast weights	3205 / 3415 mm
Height of silencers	2380 mm
Width (1500 mm rear track)	1820 mm
Wheelbase	1930 mm
Ground clearance (under gearbox)	355 (325) mm

## WEIGHTS

Tractor ready to work without ballast weights	1670 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

# FarmALL

## TECHNOLOGY

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### EXPORT OFFICE

Office # 206, Al-Reem Tower,  
Rigga Al Buteen (1043 SOET)  
Dubai, U.A.E.

T: +971 4 239 4818

F: +971 4 239 4819

E: [dxb@farmalltechnology.com](mailto:dxb@farmalltechnology.com)

### MANUFACTURING PLANT

1 KM, Defence Road, Bhoobatian Chowk,  
Raiwind Road, Lahore 54600,  
Pakistan

T: +92 42 3532 2124-25

F : +92 42 3532 2205

E: [info@farmalltechnology.com](mailto:info@farmalltechnology.com)

### EXPORT WAREHOUSE

Industrial Area 3,  
Behind Caterpillar Company  
Sharjah, UAE

T: +971 4 450 3653

E: [akmal.bajwa@farmalltechnology.com](mailto:akmal.bajwa@farmalltechnology.com)