

BID SPECIFICATIONS

M126XDTPC POWER KRAWLER MID-SIZE CAB TRACTOR

M126XDTPC = Intelli-Shift 4wd Power Krawler Cab Model (Updated September 22, 2009)

ENGINE

Make and Model	Kubota-V6108-TIE3
Type	Liquid Cooled, Meets Tier III EPA Emission Regulations 4 Cylinder Multi-Valve Diesel, E-CDIS (Center Direct Injection), CRS (Common Rail Fuel Injection System), EGR (Exhaust Gas Recirculation) Turbo-Charged with Waste Gate and Intercooled
Engine hp, net	125.0 hp (93.2 kW) @ 2200 rpm
Engine hp, PTO	108.0 hp (80.6 kW) @ 2200 rpm
Maximum torque	350 ft lbs. @ 1300 rpm
Bore and Stroke	4.65 in x 5.51 in (118 mm x 140 mm)
Displacement	374 cu in (6124 cc)
Fuel per hour (US Gal)	6.48 gallons/hour @ max PTO Hp.
Cylinder Block	Cast Iron with dry type cylinder liners
Fan	Viscous fan drive (fan operation is temperature activated)
Air Cleaner Element	Dry Paper/Dual Element, 10 inch diameter
Cold Weather Start Aid	Glow plugs (one per cylinder)
Lubrication	Forced Lubrication
Injection	Common Rail System (CRS)
Fuel filter system	1-Spin on type fuel filter, 1- water separator
Oil filter	Spin on oil filter
Exhaust	Vertical stack located by right side cab corner, standard
Throttle	Hand and foot operated throttle
Rev-limiter Control Dial	Regulate engine revolution in 10 RPM increments
RPM Dual Memory	Preset and save up to two frequently used engine RPM settings
Work Kruise	Keeps engine revolution constant preventing drops in PTO speed

COOLING SYSTEM

Radiator	Heavy duty pressurized radiator with recovery tank
Water pump	Positive water pump

CAPACITIES

Fuel Tank	190 liters (50.2 gal)
Cooling System	14.6 liters plus 1.5 L in recovery tank
Engine Oil	14.6 liters
Transmission	60 liters (15.85 gal)
Front Axle and Bevel Gear Cases	13 liters front axle, plus 4.5 liters in each bevel gear case
Washer fluid (windows)	1.3 liters
Front & Rear Idler case oil	0.5 liters each
Track Roller case oil	0.2 Liters each

AXLE LOAD RATINGS (Maximum)

Front Axle	7055 lbs (3200 kg)
Rear Axle	10,800 lbs (4900 kg)

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DRIVE TRAIN

Transmission	Intelli-Shift / Power Shift with Auto Mode	
Main Clutch	Hydraulic Wet Clutch / Size is 5.23 inch diameter (132.8 mm) with 7 Clutch Discs	
Control type	Electro-Hydraulic control, Clutch pedal and Clutch button on shift control	
Shuttle	Power shuttle MCP (Microprocessor) controlled	NOTE: Shuttle direction speed is controlled up to 6.8 mph. The transmission shuts down and an audible alarm sounds above 6.8 mph for safety. See Operators Manual for details.
Transmission	8 Speed Power Dual Range with Left hand shuttle lever	
Speeds	16F X 16R Standard, 24F X 24R Opt. w/creep speed.	
Dual Range	High / Low is Synchronized, Shift by clutch button or pedal	
Differential Lock	Rear Wheels, Electric over hydraulic	
Final drive type	Inboard Planetary	
Brakes	Hydraulic, Self Adjusting Wet Disc	
	Automatic four wheel braking during transport from two wheel mode	
PTO (dual speed)	Live-Hydraulic Independent PTO	
	Push and Turn Knob, Self modulating engagement, with brake for shaft retention	
	Sixty degree shaft rotation is obtainable for easy hookup, with engine off	
	540 rpm @ 1994 rpm SAE 6 spline	
	1000 rpm @ 2050 rpm SAE 21 spline	

FRONT AXLE

Type	Bevel Pinion, no universal joints Final Drive: Outboard planetary
Drive shaft	In line, enclosed, no universal joints
Steering	Hydrostatic Power Steering with dedicated steering pump
Steering angle max.	50 degrees
Turning feature:	4WD Bi-Speed Turn is Standard (Exclusive feature)
Clutch	On-the-go Electro-Hydraulic engagement
Differential Lock	On-the-go Electro-Hydraulic engagement

HYDRAULIC SYSTEM

Type	Independent open center gear type, 2 pumps transmission driven
Total Pump Output	35.7 gpm (135.1 l/min)
Remote Output	20.4 gpm @ 2773 - 2845 psi (77.2 l/min)
Power Steering	15.3 gpm @ 2063 - 2161 psi (57.9 l/min)
No. of Remote	4 max: 2 Standard (1 SCD 1 FD), 2 Optional or 1 Optional remote 1 with flow control valve
Spin-On Hyd. Filters	2 filters on suction side with magnetic pickups, and 1 filter on return side

THREE POINT HITCH

3-Point Hitch	Category II
Control method	Electric over Hydraulic. Controls are located in right side armrest.
Draft Control	Electric over-Hydraulic. Lower link sensing/Bender bar type
Position Control	Electro-Hydraulic -- Electric switch, left rear fender for remote hitch control (Right fender switch optional)
Mix Control	Hydraulic
Lift Arms	Telescoping Lower Link Ends
Right link adjustment	Turn Buckle
Lift Cap. 24" Behind L.P.	5,203 lbs (2360 kg)
	Optional 9,447 lbs (4285 kg) with twin lift cylinder kit.

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DRAWBAR	
Tongue weight	Max. Tongue weight 3,300 lbs (1,500 kg)
Dimensions	Dimensions, 1.50 inch thick x 3.00 inches wide
Two position/Swinging type	Two positions, 14" for 540 rpm PTO, and 16" for 1000 rpm PTO
ELECTRICAL	
System	12 volt electrical system
Battery	12 volt, 1090 CCA Battery @ -18°C
Alternator	80 amp
Glow plugs	Automatic thermo-electronic cold weather start aid
Trailer Connector	7-Pin Electrical Connector standard
INSTRUMENTATION	
Gauges	Fuel gauge, Temperature gauge
Engine	Tachometer and Hourmeter (registers past 10,000 hours) Fuel monitor: Instantaneous, Average and Total fuel consumption (Gallon or Liter/hour)
Easy Checker Indicator Lights	Brake oil, Parking brake, Engine oil pressure
	Low Fuel Indicator less than 3.7 gallon of fuel (14 liter)
	Intelli-Shift Auto Mode if engaged
	High Beams for head lights / Turn Signals / Hazard flashers
	Selected speed number indicator light
	Shuttle Indicator for Neutral / Forward / Reverse directions
	Parking brake indicator light
	Front and/or Rear differential locks engaged
	Engine heater indicator for preheat, PTO Clutch
	3-PT Hitch lifting/lowering, Draft mode
SAFETY EQUIPMENT	
Cab	Certified ROPS Cab with retractable seat belt
Switches	3 Safety start switches (Shuttle lever, Range lever and PTO Knob)
Parking	Parking brake
Paint	High visibility paint
SMV	Slow moving vehicle sign, standard.
DIMENSION (w/std. tires)	
Height. To top of Cab	106.3 in (2700 mm)
Overall Length	172.0 in (4370 mm)
Overall Width	85.8 in (2180 mm)
Crop Clearance	17.1 in (435 mm)
Tread Width Front in (mm)	69.7 (1790) to 73.6 (1870)
Rear in (mm)	70.1 (1780)
Turning Radius with brake applied	13.1 ft (4.0 m) 4wd engaged
without brake applied	16.5 ft. (5.0 m) -- w/Bi-Speed 13.5 ft (4.1 m) 4wd engaged
Base Weight Set up	11464 lbs (5200 kg)
Field Ready	12664 lbs (5744 kg)
	Field Ready: 12, 100 lb. front weights
TOW RATING	
Maximum trailerable load	17,600 lbs (8000 kg) (Tare load, less trailer)

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FRONT TIRES

Std Tires Front	14.9R24 R1 Radial AG Tire Note: Front wheel fender kit, optional.
Optional	See Kubota Whole Goods Price List for more tire options & details.

REAR CRAWLER

Width	16" (400 mm)
Lug Height	1.6" (40 mm)
Grounding Pressure	4.1 PSI (0.29 kg/CM2)
Rocking Angle	+15° / -15°

TRAVELING SPEEDS (at rated engine rpm)

CAB FEATURES (STD)

	GEAR	Forward/Reverse	CAB FEATURES (STD)	
Creep Range (If Equipped) km/h (mph)	1	0.37 (0.22)	General:	Quiet 72 db(A)
	2	0.46 (0.29)		ROPS Certified with retractable seat belt
	3	0.58 (0.36)		Right-hand control console
	4	0.64 (0.40)		ISO-Mounted Flat Deck
	5	0.89 (0.55)		Hanging pedals
	6	1.13 (0.70)		Tilt steering wheel
	7	1.42 (0.88)	Cloth seat:	Automatic Deluxe Air Ride Suspension seat
	8	1.56 (0.97)		Swivel 30 degrees left / 15 degrees right
				Fore / Aft Isolator and Tilt back
				Right armrest includes hitch and shift controls, and is fore / aft adjustable.
Low Range km/h (mph)	1	2.00 (1.24)	Lights:	See light section
	2	2.60 (1.62)	AC/Heat:	High Capacity Air Conditioning
	3	3.20 (1.99)		Heater - 15,500 BTU
	4	3.60 (2.24)		Defrost position
	5	5.0 (3.11)		Bi-Level position
	6	6.30 (3.91)		Vent position
	7	7.90 (4.91)	Air flow:	Re-Circulation and Fresh air
	8	8.7 (5.41)	Other:	Radio Ready with Speakers and Antenna
High Range km/h (mph)	1	7.1 (4.41)		Two External mirrors
	2	9.0 (5.59)		Beverage holder
	3	11.3 (7.02)		Sun visor
	4	12.5 (7.77)		Tinted glass
	5	17.4 (10.80)		Amber spot light for night work
	6	22.1 (13.70)		Front/Rear wipers w/washers
	7	27.7 (17.20)		12 Volt outlet, 30 Amp capacity
	8	30.5 (19.0)		
			Hard Mounts	Total of 4, 2 on Right side center post and 2 on right rear corner post
CAB ACCESSORIES (Optional)				
			Radios:	Cassette, AM/FM with 7 Channel weather band or, CD player with AM/FM 7 Channel weather band.
			Other:	Instructor seat, Mid-mount work light kit, Rear window defogger (electric)

NOTE

Specifications are with standard tires. The company reserves the right to change specifications without notice.
 Permanently installed English instructions, diagrams and warning labels (decals) are used to ensure efficient operation and servicing with maximum safety.

MANUALS Parts and Service manuals are available through Kubota Parts Department

WARRANTY Basic: 24 months or 2000 hours

Extended Powertrain: 36 months or 2000 hours

Powertrain Purchasable: 60 months or 5000 hours with deductible per repair