

A large white tracked vehicle with a long, extendable boom and a bucket at the end. The boom is extended high into the sky. The vehicle has a red auger attachment on the side. The background is a blue sky with light clouds and a line of trees.

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K10 DD COMBO DIGGER DERRICK

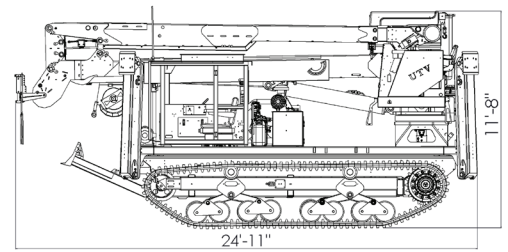
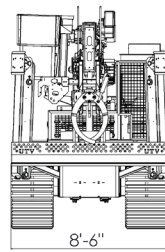
Power & Traction in Action

2 Man Bucket with 80 ft Reach!
Material Handling Jib

UTV
International

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K10 DD COMBO DIGGER DERRICK



DIMENSIONS / WEIGHT

Overall Length	299" with boom in storage position
Overall Width	102" with outriggers in storage position
Overall Height	138" with boom in storage position
Frame Height	53"
Ground Clearance	20"
Weight & Payload	
- Basic Vehicle	39,700 lbs (Base vehicle with derrick)
- Payload	4,300 lbs
Deck Area	42 ft ² (approx. 72" x 84")

PERFORMANCE DATA

Maximum speed	7.5 mph
Inside turning radius	0 ft.
Climbing Ability	
- Uphill	35° (70%)
- Side-hill	20° (36%)
Ground Pressure (empty)	4.78 at 6" penetration
Ground Pressure (loaded)	5.89 at 6" penetration
Normal Driving Range	12 Hours (80 gallon fuel tank)

ENGINE

Make	Kubota 09 Series
Model	V5009-TIE5
Type	4 cylinder, Tier 4, Turbo Charged Diesel
Displacement	5.0L
Horsepower	210 HP at 2,050 RPM
Torque	651 ft-lbs at 1,500 RPM
Muffler with spark arrestor	Yes
DEF Tank	10.5 gals.

FRAME / SUSPENSION

Type	Corten Welded Tub
Axles	Walking beam with dual articulating bogie wheels
Wheels	Steel

Suspension system comes with:

- 2 independent idler wheels with oil bath hubs and steel face seals
- 16 steel double wheels, 14" diameter
- 2 x rear drive sprockets

TRACKS

One piece 28" rubber tracks with steel reinforcements

STEERING

Independent dual joysticks with cable control for each track

ELECTRICAL

Voltage	12V
Battery Capacity	2 x 1000 CCA
Alternator Capacity	150 Amps

OPTIONAL EQUIPMENT & ACCESSORIES

- Front 2 way plow
- Hydraulic winch 20,000, 25,000 & 30,000 lbs
- Side tool box
- Closed cab with heater
- Air conditioning
- Cab brush guards
- Additional lights
- Hydraulic tool outlets
- Pintle hook
- Cold start up
- Extreme cold start up kit
- Wooden side walls
- Hose reel on deck
- 12v DC emergency pump
- Additional parts & service manual

POWER TRAIN FOR HYDROSTATIC DRIVE

Transmission	Hydrostatic, 2-speed
Parking Brakes	Multi-disc, spring applied & pressure released
Service Brakes	Positive deceleration via hydrostatic transmission

STANDARD FEATURES

- 1-Man Cab R.O.P.S.
- 2 Set of Parts & Service Manuals
- Intake heater for cold startup
- Engine block heater

CRANE SPECIFICATIONS

48 ft. sheave height	4 way pole claw
12,000 lbs capacity tip winch	Auger over storage protection
Maximum Lifting Capacity 24,000 lbs with 2 part line	Auger digging radius 15' to 26'
7/8" Nylon winch rope with swivel hook	Up to 36" auger storage
Fully hydraulic 2 nd and 3 rd boom extension	Four hydraulic radial outriggers
	Level gauges on tower (2)

4th BOOM & BASKET SPECIFICATIONS

Folding 4 th boom with 2-Man Basket	180° Basket Rotator
24" x 42" x 42" Fiberglass Basket with Step	Basket Rotator, Winch, and Jib
Basket Capacity (Jib not in use) 550 lbs	Controls with Lockouts
Basket Capacity (Jib in use) 400 lbs	Controls w/High Electrical Resistant
Max. Jib and Winch Capacity 1,000 lbs	Components
Hydraulic Leveled Basket	46 kVA Category "C" Insulated
Hydraulic Jib Tilt	Radio control

4th BOOM & BASKET OPTIONS

Basket Liner w/Step	Hydraulically Extendible Jib
Vinyl Basket Cover with Lanyard	Tool Circuit at Basket, Manual Control
Tool Trays	

OPTIONAL CRANE EQUIPMENT

- 16-24" Rock Auger
- 16-36" Dirt Auger
- 4'-8' Kelly bar



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All Out			
Angle	Reach feet	Sheave Height feet	Safe All Around Work Load lb
-20	37.9	-5.8	2400
0	39.0	7.5	2100
15	37.9	17.7	2000
30	34.3	27.3	2000
40	30.5	33.0	4300
50	25.8	37.9	6000
60	20.3	42.0	9000
70	14.1	45.1	12000*
80	7.5	47.0	23000*

3rd Boom Out			
Angle	Reach feet	Sheave Height feet	Safe All Around Work Load lb
-20	27.8	-2.8	4260
0	30.0	7.5	4000
15	29.2	15.4	4140
30	25.5	22.8	4620
40	23.6	27.2	5220
50	20.0	31.0	6220
60	15.8	34.2	9200
70	11.1	36.6	14620*
80	6.2	38.1	24000*

2nd Boom Out			
Angle	Reach feet	Sheave Height feet	Safe All Around Work Load lb
-20	27.8	-2.8	4400
0	29.7	7.5	4200
15	28.0	15.3	4300
30	24.2	22.8	4600
40	23.3	27.0	6900
50	19.8	30.8	9200
60	15.6	33.9	13000*
70	11.0	36.5	20000*
80	6.0	38.1	24000*

All Retracted			
Angle	Reach feet	Sheave Height feet	Safe All Around Work Load lb
-20	19.1	0.4	8750
0	20.7	7.5	8500
15	20.2	15.0	9000
30	18.4	18.1	10500
40	16.4	21.2	12500*
50	14.0	23.9	15500*
60	11.1	26.2	21000*
70	7.0	27.8	24000*
80	4.4	29.0	24000*

* TWO PART LINE ABOVE 12000LB
 - Capacities based on 85% of vehicle tipping loads
 - All outriggers must be extended and firmly set on the ground.
 - Vehicle MUST be leveled to within +/-5" before operation.



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