



# DUR-A-LIFT / UTV INTERNATIONAL

## Achiever DPM2-52 DU 57 ft Tracked Aerial with Jib

### DUAL UNIT BOOM SPECIFICATIONS



<u>GENERAL DATA</u>			
Max. working height	55'	Basket capacity	
with basket elevator	57'	(Jib not in use)	550 lbs
Max. side reach	31'-6"	(Jib in use)	400 lbs
Stowed travel height	9'-3" (approx.)	Max. jib and winch capacity	1,000 lbs
Extension boom travel	120"	Articulating arm travel	-0° to +80°
Main boom travel	-35° to +80°	Base installed weight	16,650 lbs (approx.)
Elevator travel	22"		
<u>STANDARD FEATURES</u>			
<p>Center top mounted winch &amp; jib            24" x 42" x 42" fiberglass basket with step            Rubber boom support            Fiberglass extension boom            Shear ball rotation gear            Proportional, open center hydraulic controls            Safety harness and 6' decelerating lanyard            360° continuous rotation            180° basket rotator            10 micron filter in return line            Hyd leveled basket (power stow at upper controls)            Hydraulic basket leveling at lower controls (2<sup>nd</sup> location)            Upper 4 axis single hand joystick control lever</p>	<p>Basket rotator, winch, and jib controls with lockouts in upper control pod            Lower control levers with upper control override            Lower winch control            Deck step basket mounting            Hydraulic jib tilt            Manual jib extension            Non-relube, maintenance-free bushings, spherical cylinder rod ends            Engine start/stop from basket            46 KV category "C" insulation            24" pedestal height for tracked vehicle mounting            Epoxy primer with white finish color            Two maintenance/operators manuals            One year parts and labor warranty</p>		
<u>AVAILABLE BOOM OPTIONS</u>			
<p><b>Boom:</b></p> <p>Main boom fiberglass insert (provides 14" of insulation when fully retracted)            Articulating arm glass insert (12" insulation gap)</p> <p><b>Basket:</b></p> <p>Basket liner w/step (24" x 42" basket)            Rigid basket cover with lanyard            Rigid basket &amp; upper control cover w/lanyard            Tool tray (8" X 19" X 9")            Tool tray (9" X 14" X 18")            Tool tray fiberglass (7" x 7" x 16")</p>	<p><b>Electrical:</b></p> <p>Controls w/high electrical resistant components (HERC) - required for category "C"            Boom overstay protection            12 volt emergency hydraulics: boom rotation, lowering and all outrigger functions</p> <p><b>Hydraulic:</b></p> <p>Hydraulically extendible jib            Tool circuit at basket, manual control            Tool circuit at base, manual control            Hose reel on deck</p> <p><b>Miscellaneous:</b></p> <p>Additional manuals</p>		
Controls Mounted between Basket & Boom		All Specifications + or - 2%	
CARRIER OPTIONS on PAGE 2			





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### CARRIER SPECIFICATIONS

<b><u>DIMENSIONS / WEIGHT</u></b>		<b><u>FRAME / SUSPENSION</u></b>	
Overall Length	296" plow to bucket end	Type	Welded tub
Overall Width	101" without side ladders	Axle	Torsion axle
Height	113" to top of stowed boom	Tires	Solid rubber
Ground Clearance	16"	<b>Suspension system:</b>	
Weight	16,650 lbs base vehicle	➤	2 independent idler wheels with oil bath hubs
GVWR	24,000 lbs	➤	8 solid wheels with grease hubs and 8 dust cap retainers
Deck	43 ft <sup>2</sup> (approx. 72"L x 87"W")	➤	2 rear drive sprockets
Fording/deck height	36" max / 41"	<b><u>POWER TRAIN FOR HYDROSTATIC DRIVE</u></b>	
<b><u>PERFORMANCE</u></b>		Transmission	Hydrostatic, 2-speed
Maximum speed	8 mph loaded	Service Brakes	Positive deceleration through the hydrostatic transmission
Turning radius	0 ft	Parking brakes	Multi-disc, spring applied & pressure released
Climbing Ability		<b><u>ELECTRICAL</u></b>	
- Uphill	40° (84%)	Voltage	12v
- Side-hill	15° (27%)	(2) batteries, capacity	2x 1,000 CCA
Ground Pressure		Alternator Capacity	120 Amps
	2.29 PSI (no load) 29" tracks	Ground	Negative
	2.63 PSI (loaded) 29" tracks	<b><u>TRACKS</u></b>	
	2.0 PSI (no load) 33" tracks	5-ply rubber belts with 29" rubber cross links with heat treated aluminum inserts	
	2.3 PSI (loaded) 33" tracks	<b><u>STEERING</u></b>	
Working Range	12 hours (no load)	Independent dual joysticks with cable control for each track	
<b><u>ENGINE</u></b>		<b><u>STANDARD FEATURES</u></b>	
Make	Deutz AG Tier 4	Secondary fuel filter with water separator	
Model	TCD 3.6 L4, 4 cylinder turbo charged diesel	Oil cooler for hydraulic reservoir	
Horsepower	134 HP at 2,300 RPM	Electric engine shut down system	
Torque	369 ft lbs at 1,600 RPM	2" receiver socket, front and rear	
Displacement	3.6 liters	Front and rear rectangular ground lugs	
Fuel capacity	40 gals	(4) 59" radial outriggers w/18"x20" feet, 45° mounts	
DEF Tank	2.6 gals	(4) 18,000 lb D-Rings	
		Wooden side wall/deck	
		2 sets of parts & service manuals	
		Standard one year warranty	

\*Specifications subject to change without notice.

### DPM2-52 DU CARRIER OPTIONS & ACCESSORIES

Front bumper in place of plow
Front 2 way plow (light brush clearing blade)
19" Height extension for plowing snow
Front plow blade with float position

DPM2-52 DU Carrier Options continued on next page



## Achiever DPM2-52 DU Carrier Options continued

16,500 lb electric winch with front wiring & remote control (wired, 12 ft lead)
Electric winch rear wiring
(2) side receivers for electric winch with wiring
Front mount storage for aerials for electric winch when hydraulic winch equipped
18,000 lb hydraulic winch, fixed front mount with in cab controls

### Cab Options

Driver's wire mesh screen (open cab)
Driver's left side wire mesh door and side wall (open cab)
Driver's right side wire mesh screen (open cab)
Driver's rear wire mesh screen (open cab)
Aluminum escape hatch for open cab (required when four sides wire mesh )
Steel escape hatch for open or closed cab (adds FOPS Certification)
Opening sunroof (hinged escape hatch with adjustable opening)
Tinted safety glass escape hatch with adjustable opening (not FOPS certified)
Protective brush guard for front LED Lights
Cab mounted front brush guard for closed cab
<b>1 Man Closed Cab ROPS certified to 24,000 lbs includes:</b> Aluminum escape hatch Sliding left & right side window Cab heater & circulation fan Front windshield on/off wiper & windshield washer Door with dual locking system
Front windshield intermittent wiper (closed cab)
Sun visor
Driver's 3 point seat belt
Street side and / or curb side rear view mirror
Street side rear view mirror with electric heating
Back up camera with heated lens and 7" in-cab waterproof display
Outrigger deployed in-cab warning light
Premium cab sound & heat insulation
DC Comfort air conditioning 9,500 BTU/hr, 12v

### Lighting Options

GoLight Stryker spotlight on top of cab with guarding & in cab & hand held remote control
2x 120 watts LED light bars (behind the cab, swiveling & one fixed over the engine cover)
4x 18 watts around the vehicle ground illumination LEDs (low profile 40° down-angle)
DOT Road lighting (includes outrigger mounted clearance lights)
Outrigger mounted clearance lights

**Achiever DPM2-52 DU Carrier Options continued on next page**

## Achiever DPM2-52 DU Carrier Options continued Engine & Cold Weather Options

Spark arrestor
Extended air intake with snorkel precleaner
12v engine coolant heater, 17,000 Btu with 7 day programmable timer
120v hydraulic oil tank heater
120v battery charger
Synthetic engine oil
Winter bridge & engine cover
Insulated battery box
Coolant battery heater
2x 120v battery heaters
Glycol coolant
Synthetic hydraulic oil
1,800 watt gas powered portable generator / inverter with on deck storage

### Track Options

<b>Change 29" to 33" rubber tracks</b>
Ice claws for tracks (17 each side)

### Vehicle Options / Features

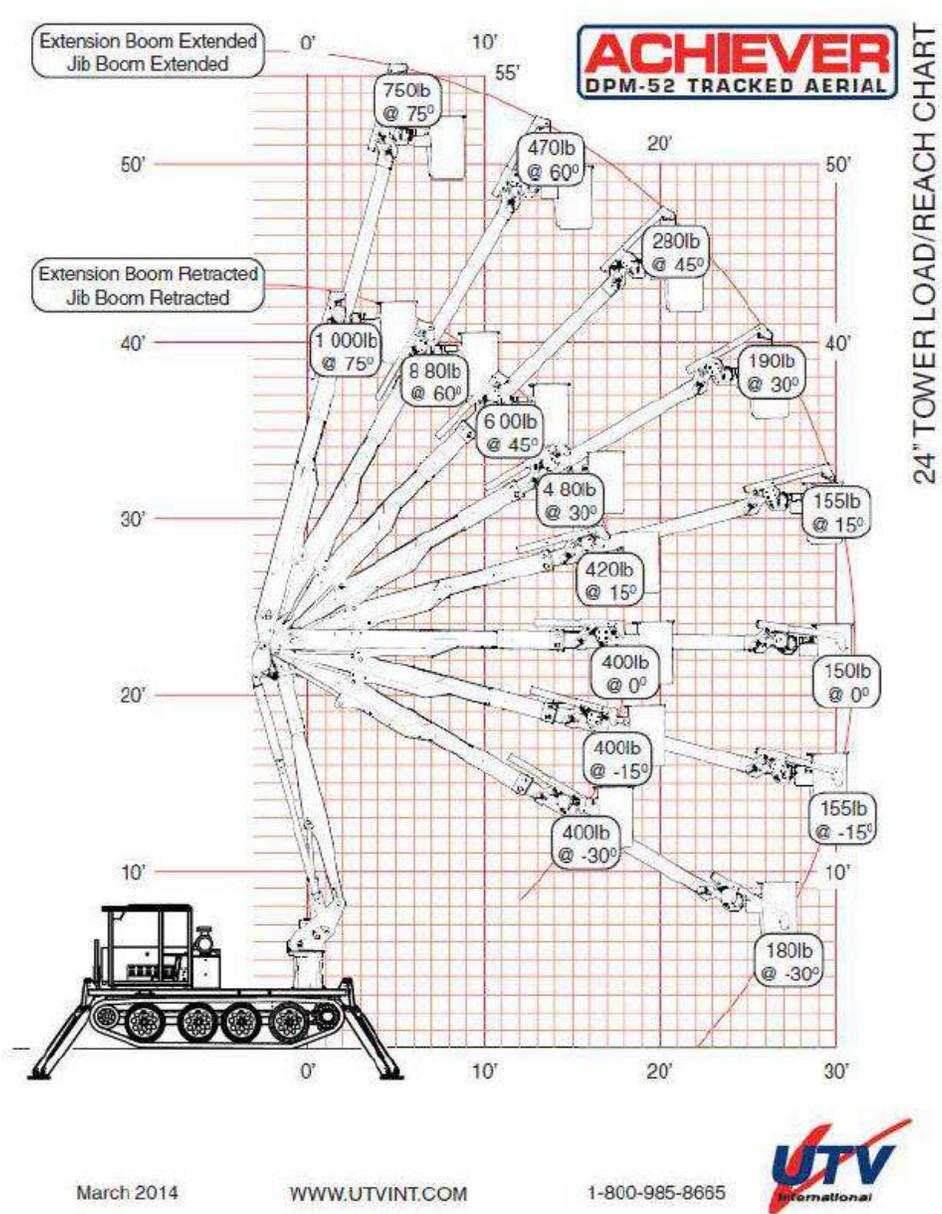
Tool box on deck (front right side)
Cargo tie downs on deck, 2,000 lb capacity (2x D-rings, 2x tie down posts)
Non slip coating on deck
<b>Change 59" to extra long front outriggers (71 in)</b> for higher lift on hills w/18"x20" feet (allows deck levelling to within 5° on 12° slopes)
<b>Change 59" to extra long rear outriggers (71 in)</b> for higher lift on hills w/18" x 20" feet (allows deck levelling to within 5° on 12° slopes)
Ice cleats for outrigger feet (4 each foot)
Outrigger feet ice cleat ready
(Set of 4) 24"x24"x1" soft outrigger pads with side deck storage
(8) road wheel oil hubs
Hydraulic tools outlet on deck with hose reel with twin <b>orange dielectric</b> hoses 3/8"(dia) x 30'(Lg) and flow control
Cable grounding reel on deck, spring loaded, 50 ft 1/0 black cable & clamp
Pintle hook
Maintenance kit (high performance filter set for first 100 hour maintenance: return, supercharge & 2x drive pump charge filters)
Additional sets of boom and carrier manuals

### Additional Available Options

Recommended spare parts for remote operations
One full day on site operations and maintenance training

Other options available upon request

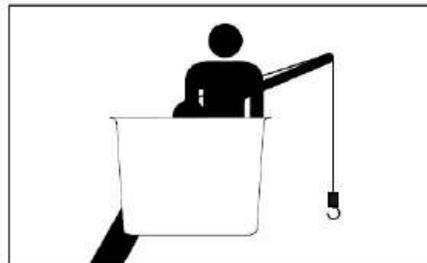
## Achiever DPM2-52 DU 57 ft Tracked Aerial with Jib +22" Vertical with Elevator Up



### BUCKET/JIB USAGE RESTRICTIONS

#### 2 MAN BUCKET

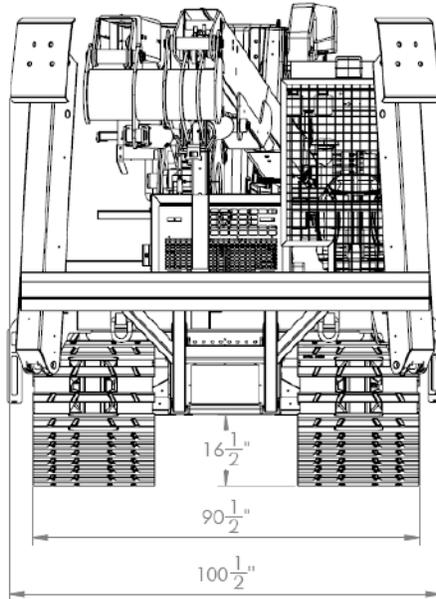
- Bucket capacity = 550lb
- Bucket capacity with liner = 500lb
- Jib use;
  - Bucket capacity restricted to 400lb
  - Bucket capacity with liner restricted to 350lb
  - Jib capacity as shown on load chart



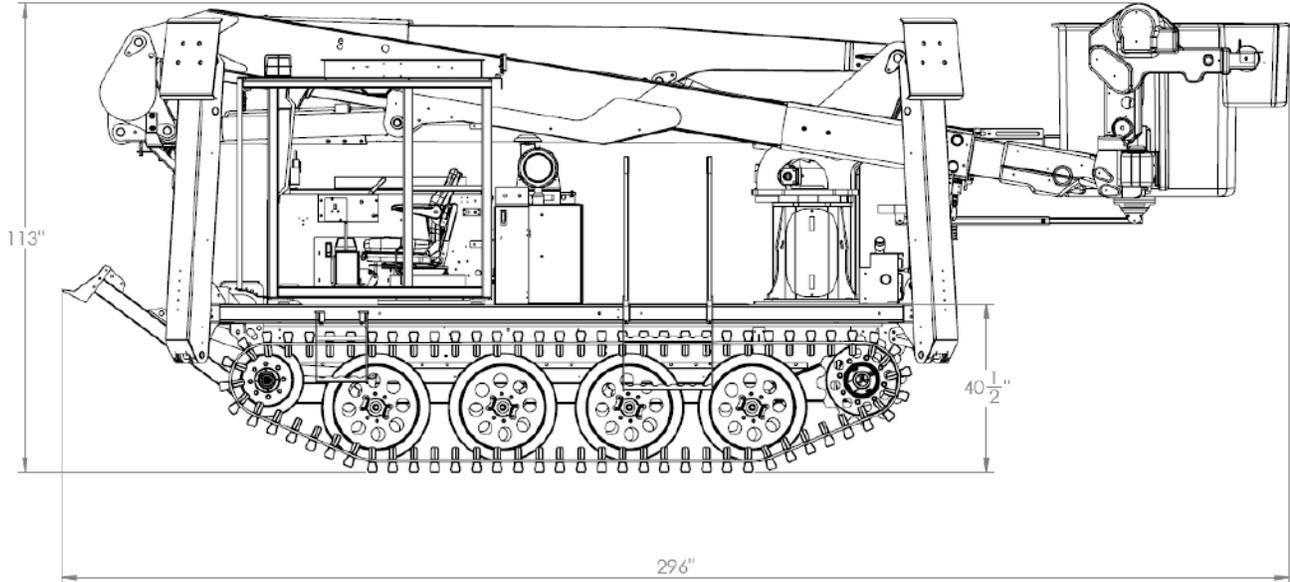


DPM2-52 Top Center Mount Winch & Jib with Elevator

Achiever DPM2-52 DU Dimensions



## Achiever DPM2-52 DU Dimensions



## Achiever DPM2-52 DU Accessibility

UTV CARRIER OUTFITTED WITH DUR-A-LIFT  
RT02-DAL DPM2-52DU  
MOUNTING PACKAGE

