



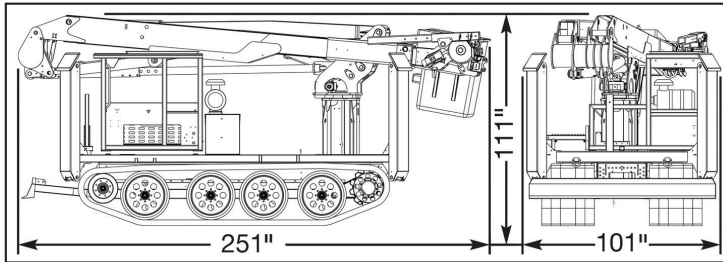
**ACHIEVER**  
DPM-52 TRACKED AERIAL

# *The Ultimate Tracked Material Handler*

*Transport on a 12 Ton Trailer*







**DIMENSIONS / WEIGHT**

Overall Length	251" Without plow
Overall Width	101"
Overall Height	111"
Ground Clearance	16"
Weight & Payload - Basic Vehicle - GVW	16,650 lbs (Base vehicle with aerial) 24,000 lbs
Deck Area	87" x 87" (approximately)

**PERFORMANCE DATA**

Maximum speed	8 mph
Inside turning radius	0 ft.
Climbing Ability - Uphill - Side-hill	40° (90%) 15° (27%)
Ground Pressure	2.29 PSI No load, 2.63 PSI Loaded
Normal Driving Range	12 Hours (40 U.S. gallon fuel tank)

**ENGINE**

Make	Deutz AG
Model	TCD 3.6 L4, 4 cylinder Turbo Charged Diesel
Horsepower	134 HP @ 2,300 RPM
Displacement	3.6 liters
DEF Tank	2.6 gals.
Fuel capacity	40 gals.
Torque	369 ft lbs. @ 1,600 RPM

**FRAME / SUSPENSION**

Type	Corten Welded Tub
Axles	Independent Torsion Axles
Tires	Solid Rubber

**Suspension system comes with:**

- 2 independent idler wheels with oil hubs & steel face seals
- 8 x 20" solid wheels with grease hubs & dust cap retainers
- 2 x rear drive sprockets

**TRACKS**

Rubber 5 ply belts with 29" rubberized aluminum crosslinks

**OPTIONAL EQUIPMENT & ACCESSORIES**

- 2 Way front plow
- 16,500 lb movable electric winch
- 18,000 lb hydraulic winch
- F.O.P.S. Certified Cab
- Closed cab
- Air Conditioning
- Cold weather package
- Extreme Cold Weather Package
- Ice claws for tracks
- Ice cleats for outriggers
- Front brush guard
- Side brush guard
- Rear view camera
- Additional LED lights
- Spark arrestor
- DOT Road Lighting
- Cable Grounding Reel on Deck
- Pintle hook
- 100 Hours service kit
- Additional parts & service manuals
- 71" Extra Long Outriggers (allows deck levelling to within 5° on 12° slopes)
- 33" rubber tracks

**STEERING**

Independent dual joysticks with cable control for each track

**ELECTRICAL**

Voltage	12 V
Batteries, Capacity	2 x 1,060 CCA
Alternator Capacity	120 Amps

**POWER TRAIN FOR HYDROSTATIC DRIVE**

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

**CARRIER STANDARD FEATURES**

- 1 Man cab 24,000 lbs R.O.P.S. certified (SAE J1040)
- Vinyl seat with mechanical suspension
- Driver's side deck ladder
- 2 Front lights, 1 Rear light and 1 Strobe
- Electronic engine protection system
- Primary fuel filter with water separator
- Operations, Service and Parts Manual
- (4) Longer 59" hydraulic radial outriggers w/18"x20" pads
- 2 point seat belt
- Full instrumentation
- Fire extinguisher
- Backup alarm
- Horn

**AERIAL SPECIFICATIONS**

**Dimensions / Capacities**

Working Height	55'
Side Reach	31'6"
Extension Boom Travel	120"
Main Boom Travel	-35° to 80°
Articulated Boom Travel	0° to 80°
Stowed Travel Height	9'3"

**Aerial Standard Features**

- 24" x 30" x 42" Fiberglass Basket with Step
- 180° Basket rotator
- Hydraulically leveled basket
- Full pressure hydraulics
- 360° Continuous rotation
- Full upper and lower controls
- Engine start/stop from basket
- 46Kv Class "C" insulation

**Aerial Optional Features**

- Side mount Hydraulic Winch and Jib
- 12 Volt emergency pump
- Hydraulically extendible jib
- Material handling jib
- Hydraulic basket tilt at lower controls
- 22" Basket elevator, working height 57' with top center-mount hydraulic winch & jib with manual jib rotation
- Basket cover
- Tool tray
- Upper tool outlet
- Lower tool outlet
- Fiberglass boom inserts

**BASKET SPECIFICATIONS & JIB CAPACITIES**

Available Models	MH	DU	DP
Fiberglass Basket with Step	24" x 30" x 42"	24" x 42" x 42"	24" x 48" x 42"
Basket capacity with jib in use	400 lbs	400 lbs	N/A
Basket capacity jib not in use	400 lbs	550 lbs	600 lbs
Jib capacity	1000 lbs	1000 lbs	N/A

Matching basket liner with step available



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