

**UTV INTERNATIONAL**  
**Hercules 5042/46 Sign Post Digger Derrick/Aerial Lift**  
**STANDARD SPECIFICATIONS**

Maximum Lifting Capacity:	5,000lbs @ 8 ft
Sheave Height:	40' 6"
Boom Operational Angles	-15° to 80°
Auger Digging Range	12' - 19' ft
Planetary Winch Capacity:	2,200lbs
<ul style="list-style-type: none"> <li>• Hydraulic Powered Three Stage Telescopic Boom</li> <li>• Hydraulic 4 Way Pole Claw</li> <li>• Continuous Rotation</li> <li>• Center Mount Pedestal Over Rear Axle with Booms Stowed Toward Front</li> <li>• Hydraulic Overload Protection System with Manual Override</li> <li>• Full Pressure Hydraulic Controls And Turret Mount Seat for Maximum Comfort</li> <li>• 9/16" Nylon Rope, with 2500 Lbs Working Load</li> <li>• 3,500 ft lb Single Speed Auger Drive, 2.0" Hex Shaft (Standard - Options Available)</li> <li>• 25 Gallon Hydraulic Oil Reservoir</li> <li>• Right Hand Auger Storage with Over Storage Protection</li> <li>• 2 Hydraulically Operated Curb Side Radial Outriggers</li> <li>• 2 Hydraulically Powered Vertical Street Side Outriggers</li> <li>• Hydraulic Winch 2,200 lbs</li> </ul>	

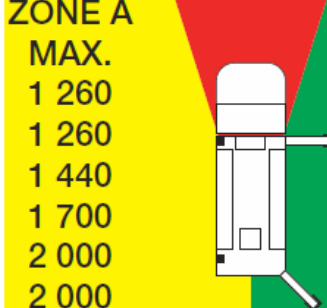
**AVAILABLE DIGGER DERRICK & BOOM OPTIONS**

Chassis	19,500 lb GVWR Recommended Chassis
Sub Frame Options	84" CA Chassis
	120" CA Chassis
3 <sup>rd</sup> & 4 <sup>th</sup> Boom	Insulated for 46 kVA Category "C"
4 <sup>th</sup> Boom	Folding Bucket (42" x 24" x 24") Attachment with Full Pressure Top Hydraulic Controls - 5 Functions: Winch, 1st & 2nd Boom Extension, Boom Elevation, & Boom Rotation. Wireless Radio Control in Bucket for Horn, Throttle & Engine Stop
Liner	Bucket Liner
Rotation Option	Can be limited to Curb Side Only
Flat Bed Option	7' X 7' Flat Bed with 10" High Wooden Side Wall
Auger	10" Dirt or Rock Auger - Other Sizes Available

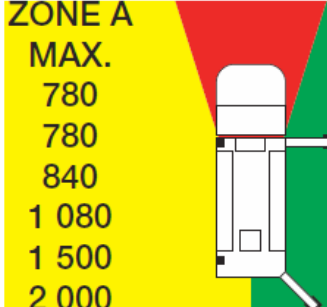
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**HERCULES DIGGER DERRICK  
 CRANE LOAD CHART**

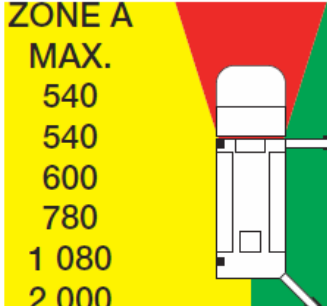
**BOOMS FULLY RETRACTED**

BOOM ANGLE	SHEAVE HEIGHT	LOAD RADIUS	ZONE A MAX.		ZONE B MAX.
0	7.0	14.0	1 260		2 000
15	10.6	13.5	1 260		2 000
30	14	12.1	1 440		2 000
45	16.9	9.9	1 700		2 000
60	19.1	7.0	2 000		2 000
80	20.8	2.4	2 000		2 000

**ONE BOOM EXTENDED**

BOOM ANGLE	SHEAVE HEIGHT	LOAD RADIUS	ZONE A MAX.		ZONE B MAX.
0	7.0	23.0	780		1 300
15	13.0	22.2	780		1 300
30	18.5	19.9	840		1 400
45	23.3	16.3	1 080		1 800
60	26.9	11.5	1 500		2 000
80	29.7	4.0	2 000		2 000

**TWO BOOMS EXTENDED**

BOOM ANGLE	SHEAVE HEIGHT	LOAD RADIUS	ZONE A MAX.		ZONE B MAX.
0	7.0	32.0	540		900
15	15.3	30.9	540		900
30	23.0	27.7	600		1 000
45	29.6	22.6	780		1 300
60	34.7	16.0	1 080		1 800
80	38.5	5.6	2 000		2 000

**UTV INTERNATIONAL**

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