

HOOKLIFTS

MODEL SPECIFICATIONS: ULTIMA 21S - Multi Axle



MULTILIFT



BUILT TO PERFORM



MULTILIFT

	ULT21S 4600	ULT21S 5100	ULT21S 5300	ULT21S 5600	ULT21S 5900	ULT21S 6100
MODEL INFO						
CAPACITY (Max.)	50,000 lb.	50,000 lb.	50,000 lb.	50,000 lb.	50,000 lb.	50,000 lb.
DUMP ANGLE	50°	49°	53°	53°	53°	49°
SHIPPING WEIGHT	5,040 lb.	5,235 lb.	5,435 lb.	5,500 lb.	5,565 lb.	5,610 lb.
GENERAL DIMENSIONS						
HOOK TO REAR ROLLER	181"	201"	211"	219"	231"	240"
HOOK HEIGHT	54" / 61.75"	54" / 61.75"	54" / 61.75"	54" / 61.75"	54" / 61.75"	54" / 61.75"
BODY MOUNTING HEIGHT	10"	10"	10"	10"	10"	10"
TUNNEL HEIGHT (Min.)	5"	5"	5"	5"	5"	5"
OPTIMUM BODY LENGTHS	15' - 17'	16.5' - 18.5'	17' - 19'	18' - 20'	19' - 21'	20' - 22'
POTENTIAL BODY LENGTHS	13' - 19'	14' - 20'	14.5' - 21'	15' - 22'	15.5' - 23'	16' - 24'
BODY LONG RAIL WIDTHS	40.5" - 42"	40.5" - 42"	40.5" - 42"	40.5" - 42"	40.5" - 42"	40.5" - 42"
CYCLE TIMES						
<i>Posted times are the average. Can be +/- five seconds, depending on flow, engine speed, etc...</i>						
LOADING UNLOADING	40 sec. 50 sec.	40 sec. 50 sec.	40 sec. 50 sec.	40 sec. 50 sec.	40 sec. 50 sec.	40 sec. 50 sec.
TIPPING LOWERING	45 sec. 40 sec.	45 sec. 40 sec.	45 sec. 40 sec.	45 sec. 40 sec.	45 sec. 40 sec.	45 sec. 40 sec.
HYDRAULIC SYSTEM						
<i>Assumes MULTILIFT supplied pump.</i>						
PUMP - TYPE MOUNT	Piston Direct	Piston Direct	Piston Direct	Piston Direct	Piston Direct	Piston Direct
PUMP - SPLINE SHAFT	DIN 5462 / ISO 14	DIN 5462 / ISO 14	DIN 5462 / ISO 14	DIN 5462 / ISO 14	DIN 5462 / ISO 14	DIN 5462 / ISO 14
PUMP - MOUNTING FLANGE	DIN 4-H (ISO 7653-D)	DIN 4-H (ISO 7653-D)	DIN 4-H (ISO 7653-D)	DIN 4-H (ISO 7653-D)	DIN 4-H (ISO 7653-D)	DIN 4-H (ISO 7653-D)
PUMP - SIZE	22.2 gpm (84L)	22.2 gpm (84L)	22.2 gpm (84L)	22.2 gpm (84L)	22.2 gpm (84L)	22.2 gpm (84L)
PUMP - TORQUE REQUIRED	13.3 ft. lb.	13.3 ft. lb.	13.3 ft. lb.	13.3 ft. lb.	13.3 ft. lb.	13.3 ft. lb.
PUMP - ROTATION	L or R (reversible)	L or R (reversible)	L or R (reversible)	L or R (reversible)	L or R (reversible)	L or R (reversible)
FLOW / RPM	26 gpm / 1,000 rpm	26 gpm / 1,000 rpm	26 gpm / 1,000 rpm	26 gpm / 1,000 rpm	26 gpm / 1,000 rpm	26 gpm / 1,000 rpm
RELIEF PRESSURE	4,350 psi	4,350 psi	4,350 psi	4,350 psi	4,350 psi	4,350 psi
HYDRAULIC RESERVOIR	26.4 gal.	26.4 gal.	26.4 gal.	26.4 gal.	26.4 gal.	26.4 gal.
LIFT CYLINDERS						
<i>Includes double-acting counter balance valve, as safety precaution.</i>						
QTY. - STROKE	2 - 63"	2 - 68"	2 - 76"	2 - 76"	2 - 76"	2 - 76"
HOOK ARM (JIB) CYLINDER						
<i>Inoperable while in dump mode, as safety precaution.</i>						
QTY. - STROKE	1 - 35"	1 - 43"	1 - 43"	1 - 51"	1 - 57"	1 - 57"
RECOMMENDED TRUCK SPECS						
<i>GVWR should be properly calculated for best fit (weights: truck, hooklift, accessories, hydraulic oil, fuel, driver, max load, etc...).</i>						
GVWR (Min.)	60,000 lb.	60,000 lb.	60,000 lb.	60,000 lb.	60,000 lb.	60,000 lb.
RBM (Min.)	2,500,000 in. lb.	2,500,000 in. lb.	2,500,000 in. lb.	2,500,000 in. lb.	2,500,000 in. lb.	2,500,000 in. lb.
CAB TO TRUNNION	138" - 148"	154" - 164"	166" - 176"	174" - 184"	184" - 194"	194" - 204"
CLEAR FRAME RAIL (Min.)	206" (trimmed 6")	224" (trimmed 13")	236" (trimmed 26")	244" (trimmed 18")	252" (trimmed 12")	258" (trimmed 10")
FRAME HEIGHT	up to 45"	up to 45"	up to 45"	up to 45"	up to 45"	up to 45"

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