

HOOKLIFTS

MODEL SPECIFICATIONS: ULTIMA 14S & 16S - Multi Axle



MULTILIFT



BUILT TO PERFORM



MULTILIFT

	ULT14S 4300	ULT14S 4600	ULT14S 5600	ULT16S 4600	ULT16S 5600
MODEL INFO					
CAPACITY	30,000 lb.	30,000 lb.	30,000 lb.	40,000 lb.	40,000 lb.
DUMP ANGLE	50°	50°	50°	50°	50°
SHIPPING WEIGHT	3,595 lb.	3,660 lb.	4,100 lb.	3,835 lb.	4,280 lb.
GENERAL DIMENSIONS					
HOOK TO REAR ROLLER	168.1"	180.3"	218.9"	180.3"	218.9"
HOOK HEIGHT	54" / 61.75"	54" / 61.75"	54" / 61.75"	54" / 61.75"	54" / 61.75"
BODY MOUNTING HEIGHT	9.1"	9.1"	9.1"	9.1"	9.1"
TUNNEL HEIGHT (Min.)	6"	6"	6"	6"	6"
OPTIMUM BODY LENGTHS	14' to 16'	15' to 17'	18' - 20'	15' to 17'	18' - 20'
POTENTIAL BODY LENGTHS	12' to 18'	13' to 19'	15' - 22'	13' to 19'	15' - 22'
BODY LONG RAIL WIDTHS	40.5" - 41.3"	40.5" - 41.3"	40.5" - 41.3"	40.5" - 41.3"	40.5" - 41.3"
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.
TIPPING LOWERING	40 sec. 30 sec.	40 sec. 30 sec.	40 sec. 30 sec.	40 sec. 30 sec.	40 sec. 30 sec.
HYDRAULIC SYSTEM					
<i>Assumes MULTILIFT supplied pump.</i>					
PUMP - TYPE MOUNT	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
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)
PUMP - SIZE	16.9 gpm (64L)	16.9 gpm (64L)	16.9 gpm (64L)	22.2 gpm (84L)	22.2 gpm (84L)
PUMP - TORQUE REQUIRED	8.5 ft. lb.	8.5 ft. lb.	8.5 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)
FLOW / RPM	16 gpm / 1,000 rpm	16 gpm / 1,000 rpm	16 gpm / 1,000 rpm	21 gpm / 1,000 rpm	21 gpm / 1,000 rpm
RELIEF PRESSURE	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.
LIFT CYLINDERS					
<i>Includes double-acting counter balance valve, as safety precaution.</i>					
QTY. - STROKE	2 - 55.5"	2 - 62.6"	2 - 75"	2 - 62.6"	2 - 75"
HOOK ARM (JIB) CYLINDER					
<i>Inoperable while in dump mode, as safety precaution.</i>					
QTY. - STROKE	1 - 35.4"	1 - 35.4"	1 - 51.2"	1 - 35.4"	1 - 51.2"
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.)	35,000 lb.	35,000 lb.	35,000 lb.	50,000 lb.	50,000 lb.
RBM (Min.)	1,500,000 in. lb.	1,500,000 in. lb.	1,500,000 in. lb.	2,000,000 in. lb.	2,000,000 in. lb.
CAB TO AXLE	146" - 154"	154" - 162"	192" - 200"	N/A	N/A
CAB TO TRUNNION	124" - 132"	132" - 140"	170" - 178"	132" - 140"	172" - 180"
CLEAR FRAME RAIL	189"	198"	236"	198"	237"
FRAME HEIGHT	up to 44"	up to 44"	up to 44"	up to 45"	up to 45"