

HOOKLIFTS

MODEL SPECIFICATIONS: OPTIMA 15S & ULTIMA 16S - Multi Axle



MULTILIFT



BUILT TO PERFORM



MULTILIFT

	OPT15S 4300	OPT15S 4600	OPT15S 5600	ULT16S 4600	ULT16S 5300	ULT18S 5900
MODEL INFO						
CAPACITY (Max.)	30,000 lb.	30,000 lb.	30,000 lb.	40,000 lb.	40,000 lb.	40,000 lb.
DUMP ANGLE	48°	50°	52°	50°	52°	52°
SHIPPING WEIGHT	3,585 lb.	3,650 lb.	4,100 lb.	3,830 lb.	4,225 lb.	4,455 lb.
GENERAL DIMENSIONS						
HOOK TO REAR ROLLER	168"	181"	219"	181"	211"	231"
HOOK HEIGHT	54" / 61.75"	54" / 61.75"	54" / 61.75"	54" / 61.75"	54" / 61.75"	54" / 61.75"
BODY MOUNTING HEIGHT	9"	9"	9"	9"	9"	10"
TUNNEL HEIGHT (Min.)	5"	5"	5"	5"	5"	5"
OPTIMUM BODY LENGTHS	14' - 16'	15' - 17'	18' - 20'	15' - 17'	17' - 19'	19' - 21'
POTENTIAL BODY LENGTHS	12' - 18'	13' - 19'	15' - 22'	13' - 19'	14.5' - 21'	15.5' - 23'
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	16.9 gpm (64L)	16.9 gpm (64L)	16.9 gpm (64L)	22.2 gpm (84L)	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.	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	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	21 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 - 56"	2 - 63"	2 - 75"	2 - 63"	2 - 76"	2 - 76"
HOOK ARM (JIB) CYLINDER						
<i>Inoperable while in dump mode, as safety precaution.</i>						
QTY. - STROKE	1 - 35"	1 - 35"	1 - 51"	1 - 35"	1 - 43"	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.)	35,000 lb.	35,000 lb.	35,000 lb.	50,000 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.	2,000,000 in. lb.
CAB TO AXLE	142" - 152"	152" - 162"	190" - 200"	N/A	N/A	N/A
CAB TO TRUNNION	120" - 130"	130" - 140"	166" - 176"	130" - 140"	164" - 174"	180" - 190"
CLEAR FRAME RAIL (Min.)	188" (trimmed 10")	198" (trimmed 14")	236" (trimmed 22")	198" (trimmed 14")	228" (trimmed 30")	248" (trimmed 10")
FRAME HEIGHT	up to 44"	up to 44"	up to 44"	up to 45"	up to 45"	up to 45"

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