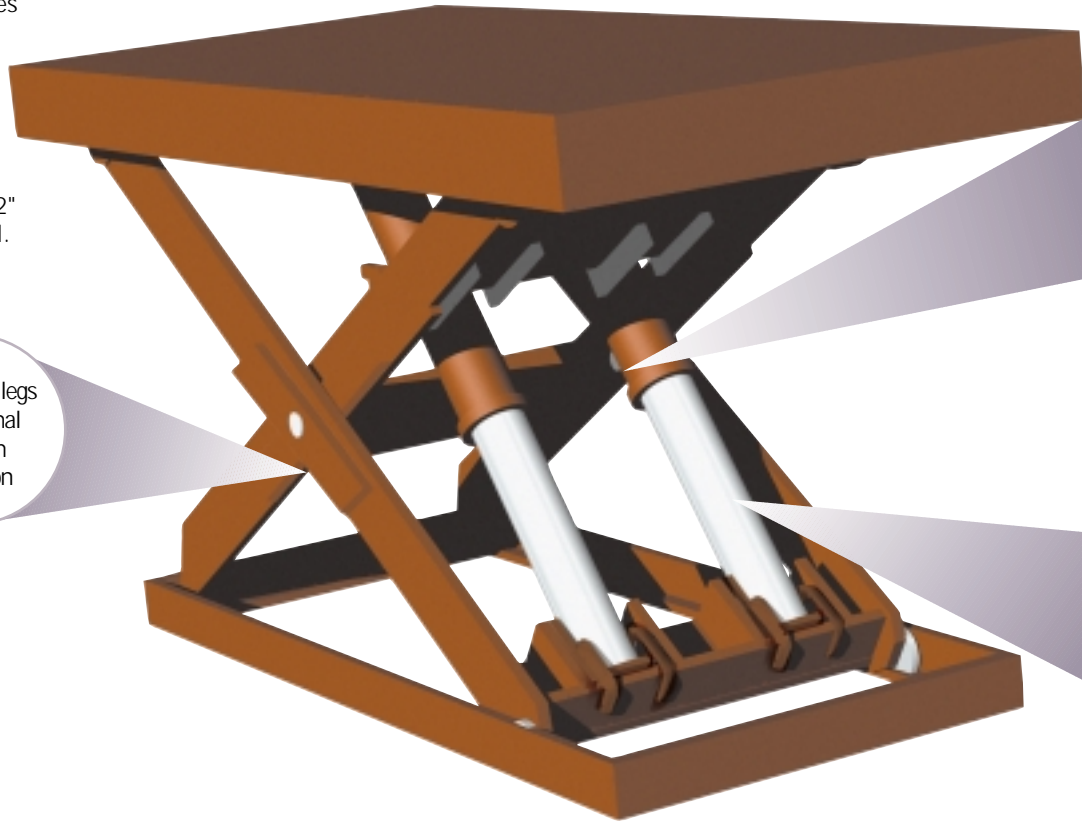


# SUPER TITAN

Super Titans are the "Big Boys" of the Autoquip line of scissors lifts. These units are capable of lifting tons of material and are fitted with oversize platforms to accommodate the largest of loads. The double set of scissor legs gives added stability for the larger platform sizes offered in this series.

The Super Titan Series includes models for heavy-duty, custom applications. 8,000 to 85,000 lb. capacities. 12" to 120" travel.



Solid steel legs for minimal platform deflection

Velocity fuse to prevent uncontrollable descent

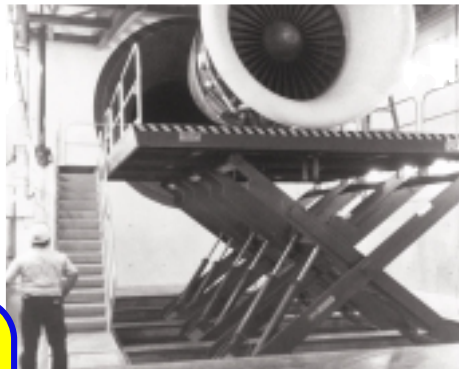
Heavy-Duty Rams

## TYPICAL MARKETS

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## GENERAL APPLICATIONS

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## KEY FEATURES

- Lubricated-for-life composite bearings on all pivot points
- Solid steel legs (8", 10" or 12" X 1 1/2" thick)
- Minimum platform thickness of 1/2"
- Turned, ground, polished and hard-chromed axle pins
- Double-wire braided hydraulic hoses
- Velocity fuses on cylinders
- Four-inch hydraulic rams with solid steel rods, hard chrome plated.
- Built and designed in accordance with ANSI MH29.1
- Factory tested to 110% of capacity
- Maintenance legs

## BENEFITS

- Maintenance-free bearings, no greasing
- Minimal platform deflection
- Extended bearing life
- Extended hose life for added safety
- High efficiency motor provides faster raising times
- Easy servicing of hydraulic valve components
- Extended cylinder life
- Controlled descent in case of severed hose — Safety first!

**POWER SUPPLY** The remote 5 hp electric motor will satisfactorily operate on any of the following 3 phase voltages: 208, 220, 230, 240, 440, 460 or 480.

**CUSTOM DESIGNS** A number of "customized" engineering plans are already on file for the Super Titan Series. Additionally, Autoquip offers computerized engineering services for development of "one-of-a-kind" Super Titan applications.

# SUPER TITAN™

## SPECIFICATIONS: 12" Travel Series

	Lifting Capacity (Pounds)	Base Frame and Std. Min. Platform Size (Inches)	Max. Permissible Platform (At Reduced Load Ratings) Optional Extra (Inches)	Maximum Edge Load		Lowered Height (Inches)	Raised Height (Inches)	Approx. Raising Time With Std. Power Unit (Seconds)	Standard Motor (hp)	No. of Hydraulic Rams	Approx. Shipping Wt. With Std. Platform (Pounds)	Model No.
				End	Side							
12" TRAVEL SINGLE	18,000	42 x 60	72 x 96	18,000	18,000	12 1/2	24 1/4	7 sec.	5	2	3,000	12K18
	23,000	42 x 60	72 x 96	23,000	23,000	15 1/2	27 1/4	8 sec.	5	2	3,150	12L23
	27,000	42 x 60	72 x 96	27,000	27,000	18 3/4	30 1/2	9 sec.	5	2	3,300	12M27
	28,000	42 x 60	72 x 96	23,000	23,000	12 5/8	24 3/8	9 sec.	5	3	3,200	12K28
	30,000	42 x 60	72 x 96	30,000	30,000	21 1/2	33 1/4	10 sec.	5	2	3,350	12N30
	34,000	42 x 60	72 x 96	34,000	34,000	24 3/4	36 1/2	11 sec.	5	2	3,350	12V34
	35,000	42 x 60	72 x 96	30,000	27,000	15 5/8	27 3/8	12 sec.	5	3	3,350	12L35
	41,000	42 x 60	72 x 96	30,000	30,000	19	30 3/4	13 sec.	5	3	3,500	12M41
	46,000	42 x 60	72 x 96	30,000	30,000	21 3/4	33 1/2	16 sec.	5	3	3,550	12N46
	52,000	42 x 60	72 x 96	30,000	30,000	25	36 3/4	18 sec.	5	3	3,550	12V52
12" TRAVEL DOUBLE LONG	30,000	42 x 122	60 x 144			12 1/2	24 1/4	13 sec.	5	4	5,900	12K30DL
	40,000	42 x 122	60 x 144			15 5/8	27 3/8	15 sec.	5	4	6,200	12L40DL
	45,000	42 x 122	60 x 144			18 7/8	30 5/8	18 sec.	5	4	6,500	12M45DL
	47,000	42 x 122	60 x 144			12 5/8	24 3/8	20 sec.	5	6	6,300	12K47DL
	50,000	42 x 122	60 x 144			21 5/8	33 3/8	20 sec.	5	4	6,600	12N50DL
	55,000	42 x 122	60 x 144			25	36 3/4	22 sec.	5	4	6,600	12V55DL
	60,000	42 x 122	60 x 144			15 3/4	27 1/2	24 sec.	5	6	6,600	12L60DL
	68,000	42 x 122	60 x 144			19	30 3/4	28 sec.	5	6	6,900	12M68DL
	76,000	42 x 122	60 x 144			21 3/4	33 1/2	32 sec.	5	6	7,000	12N76DL
	85,000	42 x 122	60 x 144			25	36 3/4	35 sec.	5	6	7,000	12V85DL
12" TRAVEL DOUBLE WIDE	30,000	84 x 60	96 x 96			12 1/2	24 1/4	13 sec.	5	4	5,900	12K30DW
	40,000	84 x 60	96 x 96			15 5/8	27 3/8	15 sec.	5	4	6,200	12L40DW
	45,000	84 x 60	96 x 96			18 7/8	30 5/8	18 sec.	5	4	6,500	12M45DW
	47,000	84 x 60	96 x 96			12 5/8	24 3/8	20 sec.	5	6	6,300	12K47DW
	50,000	84 x 60	96 x 96			21 5/8	33 3/8	20 sec.	5	4	6,600	12N50DW
	55,000	84 x 60	96 x 96			25	36 3/8	22 sec.	5	4	6,600	12V55DW
	60,000	84 x 60	96 x 96			15 3/4	27 1/2	24 sec.	5	6	6,600	12L60DW
	68,000	84 x 60	96 x 96			19	30 3/4	28 sec.	5	6	6,900	12M68DW
	76,000	84 x 60	96 x 96			21 3/4	33 1/2	32 sec.	5	6	7,000	12N76DW
	85,000	84 x 60	96 x 96			25	36 3/4	35 sec.	5	6	7,000	12V85DW

CONSULT SALES TO VERIFY APPLIED END AND SIDE LOADS

## SPECIFICATIONS: 18" to 24" Travel Series

	Lifting Capacity (Pounds)	Base Frame and Std. Min. Platform Size (Inches)	Max. Permissible Platform (At Reduced Load Ratings) Optional Extra (Inches)	Maximum Edge Load		Lowered Height (Inches)	Raised Height (Inches)	Approx. Raising Time With Std. Power Unit	Standard Motor (hp)	No. of Hydraulic Rams	Approx. Shipping Wt. With Std. Platform (Pounds)	Model No.
				End	Side							
18" TRAVEL SINGLE	18,000	42 x 60	72 x 96	18,000	18,000	12 1/2	30 1/4	8 sec.	5	2	3,000	18K18
	22,000	42 x 60	72 x 96	22,000	22,000	15 1/2	33 1/4	13 sec.	5	2	3,150	18L22
	28,000	42 x 60	72 x 96	18,000	18,000	12 5/8	30 3/8	15 sec.	5	3	3,200	18K28
	28,000	42 x 60	72 x 96	28,000	28,000	21 1/2	39 1/4	14 sec.	5	2	3,350	18N28
	31,000	42 x 60	72 x 96	31,000	31,000	24 3/4	42 1/2	15 sec.	5	2	3,350	18V31
	34,000	42 x 60	72 x 96	23,000	25,000	15 5/8	33 3/8	17 sec.	5	3	3,350	18L34
	43,000	42 x 60	72 x 96	30,000	30,000	21 5/8	39 3/8	23 sec.	5	3	3,550	18N43
	47,000	42 x 60	72 x 96	30,000	30,000	25	42 3/4	26 sec.	5	3	3,550	18V47
18" TRAVEL DOUBLE LONG	30,000	42 x 122	60 x 144	CONSULT SALES TO VERIFY APPLIED END AND SIDE LOADS		30 1/4	30 1/4	18 sec.	5	4	5,900	18K30DL
	37,000	42 x 122	60 x 144			33 1/4	33 1/4	21 sec.	5	4	6,200	18L37DL
	47,000	42 x 122	60 x 144			39 3/8	39 3/8	29 sec.	5	4	6,600	18N47DL
	48,000	42 x 122	60 x 144			30 3/8	30 3/8	29 sec.	5	6	6,300	18K48DL
	52,000	42 x 122	60 x 144			42 3/4	42 3/4	32 sec.	5	4	6,600	18V52DL
	55,000	42 x 122	60 x 144			33 3/8	33 3/8	34 sec.	5	6	6,600	18L55DL
	73,000	42 x 122	60 x 144			39 1/2	39 1/2	46 sec.	5	6	7,000	18N73DL
	80,000	42 x 122	60 x 144			42 3/4	42 3/4	51 sec.	5	6	7,000	18V80DL
18" TRAVEL DOUBLE WIDE	30,000	84 x 60	96 x 96	CONSULT SALES TO VERIFY APPLIED END AND SIDE LOADS		12 1/2	30 1/4	18 sec.	5	4	5,900	18K30DW
	37,000	84 x 60	96 x 96			15 1/2	33 1/4	21 sec.	5	4	6,200	18L37DW
	47,000	84 x 60	96 x 96			21 5/8	39 3/8	29 sec.	5	4	6,600	18N47DW
	48,000	84 x 60	96 x 96			12 5/8	30 3/8	29 sec.	5	6	6,300	18K48DW
	52,000	84 x 60	96 x 96			25	42 3/4	32 sec.	5	4	6,600	18V52DW
	55,000	84 x 60	96 x 96			15 5/8	33 3/8	34 sec.	5	6	6,600	18L55DW
	73,000	84 x 60	96 x 96			21 3/4	39 1/2	46 sec.	5	6	7,000	18N73DW
	80,000	84 x 60	96 x 96			25	42 3/4	51 sec.	5	6	7,000	18V80DW
24" TRAVEL SINGLE	18,000	42 x 60	72 x 96	18,000	18,000	12 1/2	36 1/4	12 sec.	5	2	3,000	24K18
	20,000	42 x 60	72 x 96	20,000	20,000	15 1/2	39 1/4	15 sec.	5	2	3,150	24L20
	23,000	42 x 60	72 x 96	23,000	23,000	18 3/4	42 1/2	17 sec.	5	2	3,300	24M23
	27,000	42 x 60	72 x 96	18,000	18,000	12 5/8	36 3/8	18 sec.	5	3	3,200	24K27
	31,000	42 x 60	72 x 96	23,000	23,000	15 5/8	39 3/8	22 sec.	5	3	3,350	24L31
	35,000	42 x 60	72 x 96	27,000	27,000	18 7/8	42 5/8	25 sec.	5	3	3,500	24M35
24" TRAVEL DOUBLE LONG	30,000	42 x 122	60 x 144	CONSULT SALES TO VERIFY APPLIED END AND SIDE LOADS		12 1/2	36 1/4	24 sec.	5	4	5,900#	24K30DL
	34,000	42 x 122	60 x 144			15 1/2	39 1/4	29 sec.	5	4	6,200#	24L34DL
	39,000	42 x 122	60 x 144			18 3/4	42 1/2	34 sec.	5	4	6,500#	24M39DL
	42,000	42 x 122	60 x 144			12 5/8	36 3/8	36 sec.	5	6	6,300#	24K42DL
	53,000	42 x 122	60 x 144			15 5/8	39 3/8	43 sec.	5	6	6,600#	24L53DL
	65,000	42 x 122	60 x 144			18 7/8	42 5/8	50 sec.	5	6	6,900#	24M65DL
24" TRAVEL DOUBLE WIDE	30,000	60 x 84	72 x 96	CONSULT SALES TO VERIFY APPLIED END AND SIDE LOADS		12 1/2	36 1/4	24 sec.	5	4	5,900	24K30DW
	34,000	60 x 84	72 x 96			15 1/2	39 1/4	29 sec.	5	4	6,200	24L34DW
	39,000	60 x 84	72 x 96			18 3/4	42 1/2	34 sec.	5	4	6,500	24M39DW
	46,000	60 x 84	72 x 96			12 5/8	36 3/8	36 sec.	5	6	6,300	24K42DW
	53,000	60 x 84	72 x 96			15 5/8	39 3/8	43 sec.	5	6	6,600	24L53DW
	65,000	60 x 84	72 x 96			18 7/8	42 5/8	50 sec.	5	6	6,900	24M65DW

## SPECIFICATIONS: 30" to 36" Travel Series

	Lifting Capacity (Pounds)	Base Frame and Std. Min. Platform Size (Inches)	Max. Permissible Platform (At Reduced Load Ratings) Optional Extra (Inches)	Maximum Edge Load		Lowered Height (Inches)	Raised Height (Inches)	Approx. Raising Time With Std. Power Unit	Standard Motor (hp)	No. of Hydraulic Rams	Approx. Shipping Wt. With Std. Platform (Pounds)	Model No.
				End	Side							
<b>30"</b> TRAVEL SINGLE	15,000	42 x 60	72 x 96	15,000	15,000	12 1/2	42 1/4	15 sec.	5	2	3,000	30K15
	18,000	42 x 60	72 x 96	18,000	18,000	15 1/2	45 1/4	18 sec.	5	2	3,150	30L18
	23,000	42 x 60	72 x 96	18,000	18,000	12 1/2	42 1/4	22 sec.	5	3	3,200	30K23
	27,000	42 x 60	72 x 96	23,000	23,000	15 1/2	45 1/4	26 sec.	5	3	3,350	30L27
<b>30"</b> TRAVEL DOUBLE LONG	26,000	42 x 122	60 x 144	CONSULT SALES TO VERIFY APPLIED END AND SIDE LOADS		12 1/2	42 1/4	29 sec.	5	4	5,900	30K26DL
	30,000	42 x 122	60 x 144		15 1/2	45 1/4	36 sec.	5	4	6,200	30L30DL	
	39,000	42 x 122	60 x 144		12 5/8	42 3/8	43 sec.	5	6	6,300	30K39DL	
	46,000	42 x 122	60 x 144		15 5/8	45 3/8	53 sec.	5	6	6,600	30L46DL	
<b>30"</b> TRAVEL DOUBLE WIDE	26,000	84 x 60	96 x 96	CONSULT SALES TO VERIFY APPLIED END AND SIDE LOADS		15 5/8	45 3/8	53 sec.	5	6	6,600	30L46DW
	30,000	84 x 60	96 x 96		42 1/4	29 sec.	5	4	5,900	30K26DW		
	39,000	84 x 60	96 x 96		45 1/4	36 sec.	5	4	6,200	30L30DW		
	46,000	84 x 60	96 x 96		42 3/8	43 sec.	5	6	6,300	30K39DW		
<b>36"</b> TRAVEL SINGLE	12,000	42 x 60	72 x 96	12,000	12,000	12 1/2	48 1/4	18 sec.	5	2	3,000	36K12
	15,000	42 x 84	72 x 120	12,000	12,000	12 1/2	48 1/4	21 sec.	5	2	3,750	36KK15
	21,000	42 x 60	72 x 96	18,000	18,000	12 1/2	48 1/4	27 sec.	5	3	3,200	36K21
	21,000	42 x 84	72 x 120	16,000	16,000	15 1/2	51 1/4	23 sec.	5	2	4,000	36LL21
	24,000	42 x 84	72 x 120	12,000	12,000	12 1/2	48 1/4	32 sec.	5	3	4,050	36KK24
	26,000	42 x 84	72 x 120	22,000	22,000	18 3/4	54 1/2	26 sec.	5	2	4,150	36MM26
	28,000	42 x 84	72 x 120	26,000	26,000	21 1/2	47 1/4	28 sec.	5	2	4,250	36NN28
	31,000	42 x 84	72 x 120	26,000	26,000	24 3/4	60 1/2	31 sec.	5	2	4,250	36VV31
	32,000	42 x 84	72 x 120	16,000	16,000	15 5/8	51 3/8	37 sec.	5	3	4,300	36LL32
	40,000	42 x 84	72 x 120	22,000	22,000	18 7/8	54 5/8	41 sec.	5	3	4,450	36MM40
45,000	42 x 84	72 x 120	26,000	26,000	21 5/8	57 3/8	43 sec.	5	3	4,550	36NN45	
50,000	42 x 84	72 x 120	26,000	26,000	24 7/8	60 5/8	49 sec.	5	3	4,550	36VV50	
<b>36"</b> TRAVEL DOUBLE LONG	22,000	42 x 122	60 x 144	CONSULT SALES TO VERIFY APPLIED END AND SIDE LOADS		12 1/2	48 1/4	31 sec.	5	4	5,900	36K22DL
	26,000	42 x 170	60 x 192		12 1/2	48 1/4	40 sec.	5	4	7,400	36KK26DL	
	36,000	42 x 122	60 x 144		12 5/8	48 3/8	53 sec.	5	6	6,300	36K36DL	
	36,000	42 x 170	60 x 192		15 1/2	51 1/4	46 sec.	5	4	7,900	36LL36DL	
	41,000	42 x 170	60 x 192		12 5/8	48 3/8	63 sec.	5	6	8,000	36KK41DL	
	44,000	42 x 170	60 x 192		18 7/8	54 5/8	52 sec.	5	4	8,200	36MM44DL	
	49,000	42 x 170	60 x 192		21 5/8	57 3/8	56 sec.	5	4	8,400	36NN49DL	
	53,000	42 x 170	60 x 192		24 7/8	60 5/8	61 sec.	5	4	8,400	36VV53DL	
	55,000	42 x 170	60 x 192		15 5/8	51 3/8	73 sec.	5	6	8,500	36LL55DL	
	68,000	42 x 170	60 x 192		18 7/8	54 5/8	81 sec.	5	6	8,800	36MM68DL	
76,000	42 x 170	60 x 192	21 3/4	57 1/2	86 sec.	5	6	9,000	36NN76DL			
85,000	42 x 170	60 x 192	24 3/4	60 3/4	98 sec.	5	6	9,000	36VV85DL			
<b>36"</b> TRAVEL DOUBLE WIDE	22,000	84 x 60	96 x 96	CONSULT SALES TO VERIFY APPLIED END AND SIDE LOADS		12 1/2	48 1/4	31 sec.	5	4	5,900	36K22DW
	26,000	84 x 84	96 x 102		12 1/2	48 1/4	40 sec.	5	4	7,400	36KK26DW	
	36,000	84 x 60	96 x 96		12 5/8	48 3/8	53 sec.	5	6	6,300	36K36DW	
	36,000	84 x 84	96 x 120		15 1/2	51 1/4	46 sec.	5	4	7,900	36LL36DW	
	41,000	84 x 84	96 x 120		12 5/8	48 3/8	63 sec.	5	6	8,000	36KK41DW	
	44,000	84 x 84	96 x 120		18 7/8	54 5/8	52 sec.	5	4	8,200	36MM44DW	
	49,000	84 x 84	96 x 120		21 5/8	57 3/8	56 sec.	5	4	8,400	36NN49DW	
	53,000	84 x 84	96 x 120		24 7/8	60 5/8	61 sec.	5	4	8,400	36VV53DW	
	55,000	84 x 84	96 x 120		15 5/8	51 3/8	73 sec.	5	6	8,500	36LL55DW	
	68,000	84 x 84	96 x 120		18 7/8	54 5/8	81 sec.	5	6	8,800	36MM68DW	
76,000	84 x 84	96 x 120	21 3/4	57 1/2	86 sec.	5	6	9,000	36NN76DW			
85,000	84 x 84	96 x 120	25	60 3/4	98 sec.	5	6	9,000	36VV85DW			

## SPECIFICATIONS: 42" to 48" Travel Series

	Lifting Capacity (Pounds)	Base Frame and Std. Min. Platform Size (Inches)	Max. Permissible Platform (At Reduced Load Ratings) Optional Extra (Inches)	Maximum Edge Load		Lowered Height (Inches)	Raised Height (Inches)	Approx. Raising Time With Std. Power Unit	Standard Motor (hp)	No. of Hydraulic Rams	Approx. Shipping Wt. With Std. Platform (Pounds)	Model No.
				End	Side							
42" TRAVEL SINGLE	10,000	42 x 112	72 x 144	8,000	8,000	12 1/2	54 1/4	21 sec.	5	2	4,600	42010
	14,000	42 x 112	72 x 144	11,000	11,000	15 1/2	57 1/4	23 sec.	5	2	4,900	42P14
	15,000	42 x 84	72 x 120	12,000	12,000	12 1/2	54 1/4	26 sec.	5	2	3,750	42KK15
	17,000	42 x 112	72 x 144	8,000	8,000	12 1/2	54 1/4	31 sec.	5	3	4,900	42017
	18,000	42 x 112	72 x 144	16,000	16,000	18 3/4	60 1/2	26 sec.	5	2	5,150	42R18
	21,000	42 x 84	72 x 120	16,000	16,000	15 1/2	57 1/4	29 sec.	5	2	4,000	42LL21
	21,000	42 x 112	72 x 144	18,000	18,000	21 1/2	63 1/4	27 sec.	5	2	5,200	42T21
	23,000	42 x 112	72 x 144	11,000	11,000	15 1/2	57 1/4	34 sec.	5	3	5,200	42P23
	24,000	42 x 84	72 x 120	12,000	12,000	12 1/2	54 1/4	37 sec.	5	3	4,050	42KK24
	26,000	42 x 84	72 x 120	22,000	22,000	18 3/4	60 1/2	31 sec.	5	2	4,150	42MM26
	28,000	42 x 112	72 x 144	16,000	16,000	18 3/4	60 1/2	38 sec.	5	3	5,450	42R28
	32,000	42 x 84	72 x 120	16,000	16,000	15 5/8	57 3/8	43 sec.	5	3	4,300	42LL32
	33,000	42 x 112	72 x 144	18,000	18,000	21 5/8	63 3/8	40 sec.	5	3	5,500	42T33
40,000	42 x 84	72 x 120	22,000	22,000	18 7/8	60 5/8	46 sec.	5	3	4,450	42MM40	
42" TRAVEL DOUBLE LONG	26,000	42 x 170	60 x 192	CONSULT		12 1/2	54 1/4	51 sec.	5	4	7,500	42KK26DL
	36,000	42 x 170	60 x 192	SALES		15 1/2	57 1/4	57 sec.	5	4	8,000	42LL36DL
	41,000	42 x 170	60 x 192	TO VERIFY		12 5/8	54 3/8	74 sec.	5	6	8,100	42KK41DL
	44,000	42 x 170	60 x 192	APPLIED		18 7/8	60 5/8	61 sec.	5	4	8,300	42MM44DL
	55,000	42 x 170	60 x 192	END AND SIDE LOADS		15 5/8	57 3/8	84 sec.	5	6	8,600	42LL55DL
68,000	42 x 170	60 x 192	LOADS		18 7/8	60 5/8	91 sec.	5	6	8,900	42MM68DL	
42" TRAVEL DOUBLE WIDE	26,000	84 x 84	96 x 120	CONSULT		12 1/2	54 1/4	51 sec.	5	4	7,500	42KK26DW
	36,000	84 x 84	96 x 120	SALES		15 1/2	57 1/4	57 sec.	5	4	8,000	42LL36DW
	41,000	84 x 84	96 x 120	TO VERIFY		12 5/8	54 3/8	74 sec.	5	6	8,100	42KK41DW
	44,000	84 x 84	96 x 120	APPLIED		18 7/8	60 5/8	61 sec.	5	4	8,300	42MM44DW
	55,000	84 x 84	96 x 120	END AND SIDE LOADS		15 5/8	57 3/8	84 sec.	5	6	8,600	42LL55DW
	68,000	84 x 84	96 x 120	LOADS		18 7/8	60 5/8	91 sec.	5	6	8,900	42MM68DW
48" TRAVEL SINGLE	10,000	42 x 112	72 x 144	8,000	8,000	12 1/2	60 1/4	24 sec.	5	2	4,600	48010
	14,000	42 x 112	72 x 144	11,000	11,000	15 1/2	63 1/4	27 sec.	5	2	4,900	48P14
	15,000	42 x 84	72 x 96	12,000	12,000	12 1/2	60 1/4	29 sec.	5	2	3,750	48KK15
	17,000	42 x 112	72 x 144	8,000	8,000	12 1/2	60 1/4	35 sec.	5	3	4,900	48017
	18,000	42 x 112	72 x 144	16,000	16,000	18 3/4	66 1/2	28 sec.	5	2	5,150	48R18
	21,000	42 x 84	72 x 96	16,000	16,000	15 1/2	63 1/4	33 sec.	5	2	4,000	48LL21
	21,000	42 x 112	72 x 144	18,000	18,000	21 1/2	69 1/4	33 sec.	5	2	5,200	48T21
	23,000	42 x 112	72 x 144	11,000	11,000	15 1/2	63 1/4	40 sec.	5	3	5,200	48P23
	24,000	42 x 84	72 x 96	12,000	12,000	12 1/2	60 1/4	44 sec.	5	3	4,050	48KK24
	25,000	42 x 84	72 x 96	22,000	22,000	18 3/4	66 1/2	29 sec.	5	2	4,150	48MM25
	28,000	42 x 112	72 x 144	16,000	16,000	18 3/4	66 1/2	43 sec.	5	3	5,450	48R28
	32,000	42 x 84	72 x 96	16,000	16,000	15 5/8	63 3/8	49 sec.	5	3	4,300	48LL32
33,000	42 x 112	72 x 144	18,000	18,000	21 1/2	69 1/4	46 sec.	5	3	5,500	48T33	
40,000	42 x 84	72 x 96	22,000	22,000	18 7/8	66 5/8	44 sec.	5	3	4,450	48MM40	
48" TRAVEL DOUBLE LONG	26,000	42 x 170	60 x 192	CONSULT SALES		12 1/2	60 1/4	58 sec.	5	4	7,500	48KK26DL
	36,000	42 x 170	60 x 192	TO VERIFY		15 1/2	63 1/4	66 sec.	5	4	8,000	48LL36DL
	41,000	42 x 170	60 x 192	APPLIED		12 5/8	60 3/8	87 sec.	5	6	8,100	48KK41DL
	44,000	42 x 170	60 x 192	END AND SIDE LOADS		18 7/8	66 5/8	58 sec.	5	4	8,300	48MM44DL
	55,000	42 x 170	60 x 192	LOADS		15 5/8	63 3/8	99 sec.	5	6	8,600	48LL55DL
68,000	42 x 170	60 x 192	LOADS		18 7/8	66 5/8	87 sec.	5	6	8,900	48MM68DL	

## SPECIFICATIONS: 48" to 54" Travel Series

	Lifting Capacity (Pounds)	Base Frame and Std. Min. Platform Size (Inches)	Max. Permissible Platform (At Reduced Load Ratings) Optional Extra (Inches)	Maximum Edge Load		Lowered Height (Inches)	Raised Height (Inches)	Approx. Raising Time With Std. Power Unit	Standard Motor (hp)	No. of Hydraulic Rams	Approx. Shipping Wt. With Std. Platform (Pounds)	Model No.
				End	Side							
48" TRAVEL DOUBLE WIDE	26,000	84 x 84	96 x 120	CONSULT SALES TO VERIFY APPLIED END AND SIDE LOADS		96 x 102	15 1/2	63 1/4	66 sec.	5	4	8,000
	36,000	84 x 84	96 x 120			96 x 102	12 5/8	60 3/8	87 sec.	5	6	8,100
	41,000	84 x 84	96 x 120			96 x 102	18 7/8	66 5/8	58 sec.	5	4	8,300
	44,000	84 x 84	96 x 120			96 x 102	15 5/8	63 3/8	99 sec.	5	6	8,600
	55,000	84 x 84	96 x 120			96 x 102	18 7/8	66 5/8	87 sec.	5	6	8,900
	68,000	84 x 84	96 x 120			96 x 120	12 1/2	60 1/4	58 sec.	5	4	7,500
54" TRAVEL SINGLE	10,000	42 x 112	72 x 144	8,000	8,000	12 1/2	66 1/4	27 sec.	5	2	4,600	54O10
	14,000	42 x 112	72 x 144	11,000	11,000	15 1/2	69 1/4	31 sec.	5	2	4,900	54P14
	15,000	42 x 84	72 x 96	12,000	12,000	12 1/2	66 1/4	33 sec.	5	2	3,750	54KK15
	16,000	42 x 112	72 x 144	8,000	8,000	12 1/2	66 1/4	42 sec.	5	3	4,900	54O16
	18,000	42 x 112	72 x 144	16,000	16,000	18 3/4	72 1/2	34 sec.	5	2	5,150	54R18
	21,000	42 x 84	72 x 96	16,000	16,000	15 1/2	69 1/4	37 sec.	5	2	4,000	54LL21
	21,000	42 x 112	72 x 144	18,000	18,000	21 1/2	75 1/4	36 sec.	5	2	5,200	54T21
	23,000	42 x 112	72 x 144	11,000	11,000	15 1/2	69 1/4	46 sec.	5	3	5,200	54P23
	24,000	42 x 84	72 x 96	12,000	12,000	12 1/2	66 1/4	45 sec.	5	3	4,050	54KK24
	28,000	42 x 112	72 x 144	16,000	16,000	18 3/4	72 1/2	51 sec.	5	3	5,450	54R28
	32,000	42 x 84	72 x 96	16,000	16,000	15 5/8	69 3/8	46 sec.	5	3	4,300	54LL32
33,000	42 x 112	72 x 144	18,000	18,000	21 1/2	75 1/4	54 sec.	5	3	5,500	54T33	
54" TRAVEL DOUBLE LONG	17,000	42 x 226	72 x 264	CONSULT SALES TO VERIFY APPLIED END AND SIDE LOADS		12 1/2	66 1/4	56 sec.	5	4	9,200	54O17DL
	24,000	42 x 226	72 x 264			15 1/2	69 1/4	61 sec.	5	4	9,800	54P24DL
	26,000	42 x 170	60 x 192			12 1/2	66 1/4	65 sec.	5	4	7,500	54KK26DL
	28,000	42 x 226	72 x 264			12 1/2	66 1/4	83 sec.	5	6	9,800	54O28DL
	31,000	42 x 226	72 x 264			18 3/4	72 1/2	67 sec.	5	4	10,300	54R31DL
	36,000	42 x 170	60 x 192			15 1/2	69 1/4	73 sec.	5	4	8,000	54LL36DL
	36,000	42 x 226	72 x 264			21 1/2	75 1/4	71 sec.	5	4	10,400	54T36DL
	39,000	42 x 226	72 x 264			15 5/8	69 3/8	111 sec.	5	6	10,400	54P39DL
	41,000	42 x 170	60 x 192			12 5/8	66 3/8	89 sec.	5	6	8,100	54KK41DL
	47,000	42 x 226	72 x 264			18 7/8	72 5/8	101 sec.	5	6	10,900	54R47DL
55,000	42 x 170	60 x 192	15 5/8	69 3/8	111 sec.	5	6	8,600	54LL55DL			
56,000	42 x 226	72 x 264	21 5/8	75 3/8	107 sec.	5	6	11,000	54T56DL			
54" TRAVEL DOUBLE WIDE	17,000	84 x 112	96 x 144	CONSULT SALES TO VERIFY APPLIED END AND SIDE LOADS		12 1/2	66 1/4	56 sec.	5	4	9,200	54O17DW
	24,000	84 x 112	96 x 144			15 1/2	69 1/4	61 sec.	5	4	9,800	54P24DW
	26,000	84 x 84	96 x 96			12 1/2	66 1/4	65 sec.	5	4	7,500	54KK26DW
	28,000	84 x 112	96 x 144			12 1/2	66 1/4	83 sec.	5	6	9,800	54O28DW
	31,000	84 x 112	96 x 144			18 3/4	72 1/2	67 sec.	5	4	10,300	54R31DW
	36,000	84 x 84	96 x 96			15 1/2	69 1/4	73 sec.	5	4	8,000	54LL36DW
	36,000	84 x 112	96 x 144			21 1/2	75 1/4	71 sec.	5	4	10,400	54T36DW
	39,000	84 x 112	96 x 144			15 5/8	69 3/8	92 sec.	5	6	10,400	54P39DW
	41,000	84 x 84	96 x 96			12 5/8	66 3/8	89 sec.	5	6	8,100	54KK41DW
	47,000	84 x 112	96 x 144			18 7/8	72 5/8	101 sec.	5	6	10,900	54R47DW
	55,000	84 x 84	96 x 96			15 5/8	69 3/8	111 sec.	5	6	8,600	54LL55DW
	56,000	84 x 112	96 x 144			21 5/8	75 3/8	107 sec.	5	6	11,000	54T56DW

## SPECIFICATIONS: 60" to 72" Travel Series

	Lifting Capacity (Pounds)	Base Frame and Std. Min. Platform Size (Inches)	Max. Permissible Platform (At Reduced Load Ratings) Optional Extra (Inches)	Maximum Edge Load		Lowered Height (Inches)	Raised Height (Inches)	Approx. Raising Time With Std. Power Unit	Standard Motor (hp)	No. of Hydraulic Rams	Approx. Shipping Wt. With Std. Platform (Pounds)	Model No.
				End	Side							
60" TRAVEL SINGLE	10,000	42 x 112	72 x 144	8,000	8,000	12 1/2	72 1/4	31 sec.	5	2	4,600	60010
	14,000	42 x 112	72 x 144	11,000	11,000	15 1/2	75 1/4	34 sec.	5	2	4,900	60P14
	15,000	42 x 84	60 x 96	12,000	12,000	12 1/2	72 1/4	36 sec.	5	2	3,750	60KK15
	17,000	42 x 112	72 x 144	8,000	8,000	12 1/2	72 1/4	47 sec.	5	3	4,900	60017
	18,000	42 x 112	72 x 144	16,000	16,000	18 3/4	78 1/2	38 sec.	5	2	5,150	60R18
	23,000	42 x 112	72 x 144	11,000	11,000	15 1/2	75 1/4	51 sec.	5	3	5,200	60P23
	24,000	42 x 84	60 x 96	12,000	12,000	12 1/2	72 1/4	55 sec.	5	3	4,050	60KK24
	28,000	42 x 112	72 x 144	16,000	16,000	18 3/4	78 1/2	57 sec.	5	3	5,450	60R28
60" TRAVEL DOUBLE LONG	18,000	42 x 226	72 x 264			12 1/2	72 1/4	62 sec.	5	4	9,200	60018DL
	24,000	42 x 226	72 x 264			15 1/2	75 1/4	68 sec.	5	4	9,800	60P24DL
	26,000	42 x 170	60 x 192			12 1/2	72 1/4	72 sec.	5	4	7,500	60KK26DL
	28,000	42 x 226	72 x 264			12 1/2	72 1/4	93 sec.	5	6	9,800	60028DL
	31,000	42 x 226	72 x 264			18 3/4	78 1/2	75 sec.	5	4	10,300	60R31DL
	39,000	42 x 226	72 x 264			15 5/8	75 3/8	102 sec.	5	6	10,200	60P39DL
	41,000	42 x 170	60 x 192			12 5/8	72 3/8	109 sec.	5	6	8,100	60KK41DL
	47,000	42 x 226	72 x 264			18 7/8	78 5/8	112 sec.	5	6	10,900	60R47DL
60" TRAVEL DOUBLE WIDE	18,000	84 x 112	96 x 144			12 1/2	72 1/4	62 sec.	5	4	9,200	60018DW
	24,000	84 x 112	96 x 144			15 1/2	75 1/4	68 sec.	5	4	9,800	60P24DW
	26,000	84 x 84	96 x 96			12 1/2	72 1/4	72 sec.	5	4	7,500	60KK26DW
	28,000	84 x 112	96 x 144			12 1/2	72 1/4	93 sec.	5	6	9,800	60028DW
	31,000	84 x 112	96 x 144			18 3/4	78 1/2	75 sec.	5	4	10,300	60R31DW
	39,000	84 x 112	96 x 144			15 5/8	75 3/8	102 sec.	5	6	10,200	60P39DW
	41,000	84 x 84	96 x 96			12 5/8	72 3/8	109 sec.	5	6	8,100	60KK41DW
	47,000	84 x 112	96 x 144			18 7/8	78 5/8	112 sec.	5	6	10,900	60R47DW
67" TRAVEL SINGLE	10,000	42 x 112	42 x 112	8,000	8,000	12 1/2	79 1/4	35 sec.	5	2	4,600	67010
	14,000	42 x 112	42 x 112	11,000	11,000	15 1/2	82 1/4	39 sec.	5	2	4,900	67P14
	17,000	42 x 112	42 x 112	8,000	8,000	12 1/2	79 1/4	53 sec.	5	3	4,900	67017
	23,000	42 x 112	42 x 112	11,000	11,000	15 1/2	82 1/4	58 sec.	5	3	5,200	67P23
67" TRAVEL DOUBLE LONG	18,000	42 x 226	72 x 226			12 1/2	79 1/4	70 sec.	5	4	9,200	67018DI
	24,000	42 x 226	72 x 226			15 1/2	82 1/4	77 sec.	5	4	9,800	67P24DL
	28,000	42 x 226	72 x 226			12 1/2	79 1/4	104 sec.	5	6	9,800	67028DL
	39,000	42 x 226	72 x 226			15 5/8	82 3/8	115 sec.	5	6	10,400	67P39DL
67" TRAVEL DOUBLE WIDE	18,000	84 x 112	84 x 112			12 1/2	79 1/4	70 sec.	5	4	9,200	67018DW
	24,000	84 x 112	84 x 112			15 1/2	82 1/4	77 sec.	5	4	9,800	67P24DW
	26,000	84 x 112	84 x 112			12 1/2	79 1/4	104 sec.	5	6	9,800	67028DW
	39,000	84 x 112	84 x 112			15 5/8	82 3/8	115 sec.	5	6	10,400	67P39DW
72" TRAVEL SINGLE	10,000	42 x 112	42 x 112	8,000	8,000	12 1/2	84 1/4	38 sec.	5	2	4,600	72010
	15,000	42 x 112	42 x 112	11,000	11,000	15 1/2	87 1/4	39 sec.	5	2	4,900	72LL15
	17,000	42 x 112	42 x 112	8,000	8,000	12 1/2	84 1/4	57 sec.	5	3	4,900	72017
	24,000	42 x 112	42 x 112	11,000	11,000	15 1/2	87 1/4	56 sec.	5	3	5,200	72LL24
72" TRAVEL DOUBLE LONG	18,000	42 x 226	72 x 264			12 1/2	84 1/4	76 sec.	5	4	9,200	72018DL
	25,000	42 x 226	72 x 264			15 1/2	87 1/4	77 sec.	5	4	9,800	72LL25DL
	29,000	42 x 226	72 x 264			12 1/2	84 1/4	114 sec.	5	6	9,800	72029DL
	40,000	42 x 226	72 x 264			15 5/8	87 3/8	112 sec.	5	6	10,400	72LL40DL

## SPECIFICATIONS: 72" to 120" Travel Series

	Lifting Capacity (Pounds)	Base Frame and Std. Min. Platform Size (Inches)	Max. Permissible Platform (At Reduced Load Ratings) Optional Extra (Inches)	Maximum Edge Load		Lowered Height (Inches)	Raised Height (Inches)	Approx. Raising Time With Std. Power Unit	Standard Motor (hp)	No. of Hydraulic Rams	Approx. Shipping Wt. With Std. Platform (Pounds)	Model No.
				End	Side							
<b>72"</b> TRAVEL DOUBLE WIDE	18,000	84 x 112	84 x 112	CONSULT SALES		12 1/2	84 1/4	76 sec.	5	4	9,200	72018DW
	25,000	84 x 112	84 x 112	TO VERIFY		15 1/2	87 1/4	77 sec.	5	4	9,800	72LL25DW
	29,000	84 x 112	84 x 112	APPLIED END AND		12 1/2	84 1/4	114 sec.	5	6	9,800	72029DW
	40,000	84 x 112	84 x 112	SIDE LOADS		15 5/8	87 3/8	112 sec.	5	6	10,400	72LL40DW
<b>84"</b> TRAVEL SINGLE	8,000	42 x 132	72 x 168	6,500	6,500	12 1/2	96 1/4	33 sec.	5	2	5,200	8408
	12,000	42 x 132	72 x 168	9,000	9,000	15 1/2	99 1/4	37 sec.	5	2	5,600	84LL12
	14,000	42 x 132	72 x 168	6,500	6,500	12 1/2	96 1/4	56 sec.	5	3	5,450	84014
	20,000	42 x 132	72 x 168	9,000	9,000	15 1/2	99 1/4	55 sec.	5	3	5,900	84LL20
<b>84"</b> TRAVEL DOUBLE LONG	14,000	42 x 266	72 x 300	CONSULT SALES TO VERIFY APPLIED END AND SIDE LOADS		12 1/2	96 1/4	66 sec.	5	4	10,400	84014DL
	21,000	42 x 266	72 x 300			15 1/2	99 1/4	73 sec.	5	4	11,200	84LL21DL
	23,000	42 x 266	72 x 300			12 1/2	96 1/4	111 sec.	5	6	10,900	84023DL
	34,000	42 x 266	72 x 300			15 1/2	99 1/4	110 sec.	5	6	11,800	84LL34DL
<b>84"</b> TRAVEL DOUBLE WIDE	14,000	84 x 132	96 x 168	CONSULT SALES TO VERIFY APPLIED END AND SIDE LOADS		12 1/2	96 1/4	66 sec.	5	4	10,400	84014DW
	21,000	84 x 132	96 x 168			15 1/2	99 1/4	73 sec.	5	4	11,200	84LL21DW
	23,000	84 x 132	96 x 168			12 1/2	96 1/4	111 sec.	5	6	10,900	84023DW
	34,000	84 x 132	96 x 168			15 1/2	99 1/4	110 sec.	5	6	11,800	84LL34DW
<b>96"</b> TRAVEL SINGLE	7,000	42 x 150	72 x 180	5,500	5,500	12 1/2	108 1/4	37 sec.	5	2	5,800	9607
	11,000	42 x 150	72 x 180	8,000	8,000	15 1/2	111 1/4	42 sec.	5	2	6,200	96LL11
	12,000	42 x 150	72 x 180	5,500	5,500	12 1/2	108 1/4	51 sec.	5	3	6,100	96012
	18,000	42 x 150	72 x 180	8,000	8,000	15 1/2	111 1/4	58 sec.	5	3	6,500	96LL18
<b>96"</b> TRAVEL DOUBLE LONG	12,000	42 x 302	72 x 348	CONSULT SALES TO VERIFY APPLIED END AND SIDE LOADS		12 1/2	108 1/4	74 sec.	5	4	11,600	96013DL
	19,000	42 x 302	72 x 348			15 1/2	111 1/4	84 sec.	5	4	12,400	96LL19DL
	20,000	42 x 302	72 x 348			12 1/2	108 1/4	122 sec.	5	6	12,200	96020DL
	31,000	42 x 302	72 x 348			15 1/2	111 1/4	115 sec.	5	6	13,000	96LL31DL
<b>96"</b> TRAVEL DOUBLE WIDE	12,000	84 x 150	96 x 180	CONSULT SALES TO VERIFY APPLIED END AND SIDE LOADS		12 1/2	108 1/4	74 sec.	5	4	11,600	96013DW
	19,000	84 x 150	96 x 180			15 1/2	111 1/4	84 sec.	5	4	12,400	96LL19DW
	20,000	84 x 150	96 x 180			12 1/2	108 1/4	122 sec.	5	6	12,200	96020DW
	31,000	84 x 150	96 x 180			15 1/2	111 1/4	115 sec.	5	6	13,000	96LL31DW
<b>120"</b> TRAVEL SINGLE	5,000	42 x 186	72 x 222	4,500	4,500	12 1/2	132 1/4	36 sec.	5	2	7,000	12005
	6,000	42 x 186	72 x 222	6,000	6,000	15 1/2	135 1/4	40 sec.	5	2	7,500	120LL6
	10,000	42 x 186	72 x 222	4,500	4,500	12 1/2	132 1/4	55 sec.	5	3	7,300	120010
	11,000	42 x 186	72 x 222	6,500	6,500	15 1/2	135 1/4	45 sec.	5	3	7,800	120LL11
<b>120"</b> TRAVEL DOUBLE LONG	8,000	42 x 374	72 x 420	CONSULT SALES TO VERIFY APPLIED END AND SIDE LOADS		12 1/2	132 1/4	74 sec.	5	4	14,000	12008DL
	10,000	42 x 374	72 x 420			15 1/2	135 1/4	80 sec.	5	4	15,000	120LL10DL
	17,000	42 x 374	72 x 420			12 1/2	132 1/4	110 sec.	5	6	14,600	120017DL
	20,000	42 x 374	72 x 420			15 1/2	135 1/4	90 sec.	5	6	15,600	120LL20DL
<b>120"</b> TRAVEL DOUBLE WIDE	8,000	84 x 186	96 x 222	CONSULT SALES TO VERIFY APPLIED END AND SIDE LOADS		12 1/2	132 1/4	74 sec.	5	4	14,000	12008DW
	10,000	84 x 186	96 x 222			15 1/2	135 1/4	80 sec.	5	4	15,000	120LL10DW
	17,000	84 x 186	96 x 222			12 1/2	132 1/4	110 sec.	5	6	14,600	120017DW
	20,000	84 x 186	96 x 222			15 1/2	135 1/4	90 sec.	5	6	15,600	120LL20DW