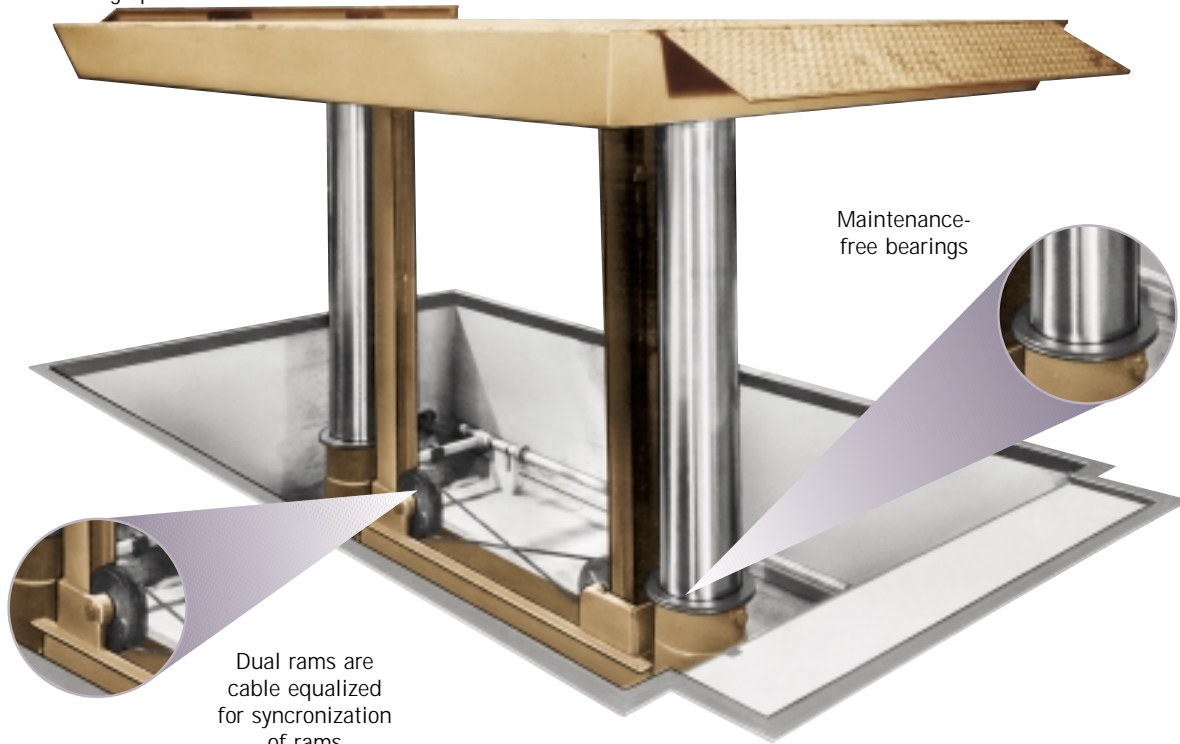




PLATFORM RAM LIFT

Autoquip ram lifts are utilized when a scissors lift is not an option. Ram lifts are designed to handle the most awkward and heaviest loads and can reach heights where scissors lifts become unstable. Completely customizable, these lifts have very few moving parts and they offer the greatest flexibility as to platform size, travel and capacity. These lifts require a pit and usually become permanent installations. They are ideal for concentrated, rolling loads of all kinds.

Ram lifts can raise and position heavy loads, lift stage platforms, lift rail cars or airliners for servicing, or lift specialized air cargo pallets.



Maintenance-free bearings

Dual rams are cable equalized for synchronization of rams

TYPICAL MARKETS

- Aerospace
- Automotive & Transportation
- Government
- System Integrator/OEM

GENERAL APPLICATIONS

- Maintenance Table
- At the Dock
- Conveyers
- Feeding/Receiving



KEY FEATURES

- One moving part
- Fluid prison seal on ram
- Bearing length of approximately 24" to 36" or more
- Wear-proof bearing
- Non-rotator
- Low pressure system
- Platform constructed of 4-way tread plate
- Hard-piped hydraulics



PLATFORM RAM LIFT

BENEFITS

- Maintenance-free bearings, no greasing
- Fractional deflection
- Extended bearing life
- Higher travel with less deflection
- Ideal for eccentric loads

POWER SUPPLY The power unit includes a heavy-duty, continuous-duty motor, hydraulic pump, check valve, oil reservoir, lowering valve, and suction strainers. The exact motor supplied will depend on model chosen. However, all are 3-phase and capable of operating on 208, 220, 230, 240, 440, 460 or 480 volts.

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

SPECIFICATIONS: 6,000 to 30,000 lbs. Capacities — Travel to 60"

APE Selection Chart — Single Ram 20,000 LB. ROLLOVER STANDARD

Platform Size (inches)	Lifting Capacity (pounds)	Axle Load Centered Over Ends	Centered Over Sides	Travel (inches)	Ram	Raising Time Std. Motor (fpm)	Motor H.P. Std. Motor (hp)	Shipping Wt. (pounds) Approx. With Skirts	Shipping Wt. (pounds)	Model No.
48 x 48	6,000	3,500	3,500	60	(1) 10Q	7	5	1,540	1,860	APE-0
48 x 72	6,000	3,500	3,500	60	(1) 10Q	7	5	1,700	2,100	APE-1
72 x 72	6,000	3,500	3,500	60	(1) 10Q	7	5	2,000	2,480	APE-2
72 x 96	6,000	3,500	3,500	60	(1) 10Q	7	5	2,300	2,860	APE-3
72 x 120	6,000	3,500	3,500	60	(1) 10Q	7	5	2,540	3,220	APE-4
96 x 96	6,000	3,500	3,500	60	(1) 10Q	7	5	2,620	3,340	APE-5
96 x 120	6,000	3,500	3,500	60	(1) 10Q	7	5	2,940	3,820	APE-6

DRAPE Selection Chart — Double Ram Cable Equalized

Platform Size (inches)	Lifting Capacity (pounds)	Axle Load Centered Over Ends	Centered Over Sides	Travel (inches)	Ram	Raising Time Std. Motor (fpm)	Raising Time Opt. Motor (fpm)	Motor H.P. Std. Motor (hp)	Motor Opt. Motor (hp)	Shipping Wt. (pounds) Approx. No Skirts	Shipping Wt. (pounds) Approx. With Skirts	Model No.
72 x 144	15,000	12,000	12,000	60	(2) 10Q	6	12	7 1/2	15	4,700	5,420	DRAPE-1
	20,000	16,000	16,000	60	(2) 12Q	4	8	5	10	5,850	6,570	DRAPE-2
	25,000	20,000	16,000	60	(2) 12QEH	4	8	7 1/2	15	6,750	7,470	DRAPE-3
	30,000	24,000	24,000	60	(2) 12QSD	4	8	10	20	8,150	8,870	DRAPE-4
84 x 144	15,000	12,000	11,000	60	(2) 10Q	6	12	7 1/2	15	5,000	5,760	DRAPE-5
	20,000	16,000	16,000	60	(2) 12Q	4	8	5	10	6,250	7,010	DRAPE-6
	25,000	20,000	14,000	60	(2) 12QEH	4	8	7 1/2	15	7,250	8,010	DRAPE-7
	30,000	24,000	24,000	60	(2) 12QSD	4	8	10	20	8,700	9,460	DRAPE-8
96 x 144	15,000	12,000	10,000	60	(2) 10Q	6	12	7 1/2	15	5,400	6,200	DRAPE-9
	20,000	16,000	15,000	60	(2) 12Q	4	8	5	10	6,650	7,450	DRAPE-10
	25,000	20,000	13,000	60	(2) 12QEH	4	8	7 1/2	15	7,700	8,500	DRAPE-11
	30,000	24,000	24,000	60	(2) 12QSD	4	8	10	20	9,250	10,050	DRAPE-12
72 x 180	15,000	12,000	12,000	60	(2) 10Q	6	12	10	20	5,650	6,480	DRAPE-13
	20,000	16,000	16,000	60	(2) 12Q	4	8	7 1/2	15	6,700	7,530	DRAPE-14
	25,000	20,000	16,000	60	(2) 12QEH	4	8	7 1/2	15	7,650	8,480	DRAPE-15
	30,000	24,000	24,000	60	(2) 12QSD	4	8	10	20	9,150	9,980	DRAPE-16
84 x 180	15,000	12,000	11,000	60	(2) 10Q	6	12	10	20	6,100	6,980	DRAPE-17
	20,000	16,000	16,000	60	(2) 12Q	4	8	7 1/2	15	7,200	8,080	DRAPE-18
	25,000	20,000	14,000	60	(2) 12QEH	4	8	7 1/2	15	8,250	9,130	DRAPE-19
	30,000	24,000	24,000	60	(2) 12QSD	4	8	10	20	9,850	10,730	DRAPE-20
96 x 180	15,000	12,000	10,000	60	(2) 10Q	6	12	10	20	6,550	7,470	DRAPE-21
	20,000	16,000	15,000	60	(2) 12Q	4	8	7 1/2	15	7,750	8,670	DRAPE-22
	25,000	20,000	13,000	60	(2) 12QEH	4	8	7 1/2	15	8,850	9,770	DRAPE-23
	30,000	24,000	24,000	60	(2) 12QSD	4	8	10	20	10,500	11,420	DRAPE-24