

MOHAWK MODEL RJ-20

Electric / Hydraulic Rolling Jack Beam for wheel free operations on a four post track lift.

THIS LIFT OPTION IS CERTIFIED TO ANSI ALCTV-1998 AND ETL LISTED TO UL-201 when used in conjunction with Mohawk Lift models: TR-33.

CAPACITY	20,000 LB. *
OVERALL LENGTH	32 1/2"
OVERALL WIDTH	51"
OVERALL HEIGHT - Cylinders Upright	13-7/16"
LIFTING HEIGHT (STROKE) without any adapters	6"
LIFTING SPEED - One Cylinder	20 Seconds
LIFTING SPEED - Two Cylinders	40 Seconds
LOWERING SPEED - One Cylinder	10 Seconds
LOWERING SPEED - Two Cylinders	20 Seconds
MOTOR RATING:	1 HP, 120 VAC, Single Phase
SHIPPING WEIGHT	425 LB.

CAPACITY: * Single Jacking Beam rated as above.
The total aggregate capacity of any combination of jacking beams cannot exceed rated capacity of lift.

STANDARD EQUIPMENT: Flat Lifting Pads (2)
Axle Lifting Pads (2)
3" Stackable Height Adapters (2)
6" Stackable Height Adapters (2)

LIFTING MECHANISM Two (2) hydraulic cylinders resting directly into the Jacking Beam framework. Mohawk's Exclusive Extended Cylinder Lifetime Warranty on the hydraulic cylinders. There are no cables, chains or mechanical screws used in lifting.

HYDRAULIC SAFETY SYSTEM Load holding check valves integrated into each section of the directional control valve. Flow regulating valves mounted inline with each cylinder minimize collapse speed in the event of fluid leakage.

MECHANICAL SAFETY SYSTEM Axle compresses under load to provide direct frame contact between the jack beam frame and the lift runways.

ELECTRICAL SYSTEM FEATURES Circuit design passes purposeful dysfunction test. All electrical **SAFETY** components are CSA or UL listed. Power Unit supplied with 120 VAC 1 HP motor with Class I-Div 2 rated locking plug. One Class I-Div 2 rated locking receptacle provided at each end of track for powering jacking beams. Power to receptacles blocked by limit switch kit when lift is below 18" from floor level. Manual motor starter with overload thermal protection also supplied.

SYSTEM CONTROLS

On off electrical rocker switch. Tandem four-way, three position, spring centered hydraulic valve with parallel flow circuit and integral load holding check valves. Manual control for leveling using the two actuating handles. Either cylinder may be operated independently or in parallel as required.

POWER UNIT

Self contained modular design. Fixed displacement gear pump submerged into reservoir. Seventy six cubic inch capacity steel reservoir. Full flow externally adjustable system relief valve. strainer 100 micron nominal. Recommended operating range 50 to 130 degrees F. Hydraulic fluid medium:

Suction line
temperature
Dexron III.

JACK FRAME CONSTRUCTION

Two (2) 3" x 5" x 1/4" wall high strength structural tubes joined with a 3/8" steel base plate and multiple 3/8" steel closure plates. A full width handle is provided as well as two brackets for storage of height adapters and lifting pads.

AXLES / BEARINGS

Four (4) axles are provided with matching steel sleeves housing two set screws for minor width adjustments. Four heat treated machined rollers attach to the axles using standard external snap rings. These rollers ride along the integral steel railing provided on the TR Series inner

runway.

MANUFACTURING SPECS

Meets or exceeds UL-201 and ANSI\ALI ALCTV-1998.
Made with pride in the USA.

TESTING AND ASSEMBLY

Each and every unit is fully assembled and factory tested prior to shipment.

WARRANTY

Mohawk's Exclusive Extended Lifetime Cylinder Warranty on the hydraulic cylinders. Five (5) years parts and labor for structural & mechanical. One (1) year parts and labor for electrical components and power unit.

SALES, INSTALLATION, TRAINING, & SERVICE: Only by experienced, factory authorized professionals.