



Crane
 Liebherr LTM 1090-4.2
 194.7' Telescopic Boom (T) at 69.2°
 Base: 100% Outriggers (24.6' x 24.0')
 Counterweight: 15,600 lbs (at 15')
 66' Lift Radius (360°)
 Crane Capacity at 66' = 8,000 lbs

Load
 Total Load 2,850 lbs
 36% of capacity

Not issued for construction. For pre-planning only.

Grid: 10' x 10'



Title	Lift Plan
Project	SUNY IHP RTU Replacement
Customer	Erie Mechanical
Description	2,000 lbs rtu's
Drawn By	Mike Dombroski
	5/28/2024

Load Chart

Project SUNY IHP RTU Replacement
 Customer Erie Mechanical
 Description 2,000 lbs rtu's

Liebherr LTM 1090-4.2

Boom: Telescopic Boom (T)
 Jib: -
 Base: 100% Outriggers (24.6' x 24.0')
 Counterweight: 15,600 lbs (at 15')
 Range: 360°
 Capacity: EN 13000
 Chart ID: T271.001.00322

Boom Section Percentages	Boom Length (ft)	Boom Angle	Jib Length (ft)	Jib Offset	Tip Height (ft)	Lift Radius (ft)	Capacity (lbs)
92-100-100-100-100-100	194.7	79°	-	-	203.1	34	9,300
92-100-100-100-100-100	194.7	78.4°	-	-	202.7	36	9,300
92-100-100-100-100-100	194.7	77.8°	-	-	202.2	38	9,300
92-100-100-100-100-100	194.7	77.2°	-	-	201.8	40	9,300
92-100-100-100-100-100	194.7	75.7°	-	-	200.5	45	9,200
92-100-100-100-100-100	194.7	74.2°	-	-	199.1	50	9,000
92-100-100-100-100-100	194.7	72.6°	-	-	197.5	55	8,900
92-100-100-100-100-100	194.7	71.1°	-	-	195.8	60	8,700
92-100-100-100-100-100	194.7	69.5°	-	-	193.9	65	8,400
92-100-100-100-100-100	194.7	67.9°	-	-	191.9	70	8,000
92-100-100-100-100-100	194.7	66.3°	-	-	189.7	75	7,400
92-100-100-100-100-100	194.7	64.7°	-	-	187.3	80	6,500
92-100-100-100-100-100	194.7	63°	-	-	184.8	85	5,500
92-100-100-100-100-100	194.7	61.3°	-	-	182.1	90	4,700
92-100-100-100-100-100	194.7	59.6°	-	-	179.1	95	4,000
92-100-100-100-100-100	194.7	57.9°	-	-	176	100	3,300
92-100-100-100-100-100	194.7	56.1°	-	-	172.7	105	2,700
92-100-100-100-100-100	194.7	54.3°	-	-	169.1	110	2,200

This data is for reference use only. Operator must refer to in-cab charts to determine allowable lifting capacities.

Crane

Liebherr LTM 1090-4.2
 196.8' Telescopic Boom (T) at 75.2°
 Base: 100% Outriggers (24.6' x 24.0')
 Counterweight: 15,600 lbs (at 15')
 47' Lift Radius (360°)
 Crane Capacity at 47' = 8,900 lbs

Load

Total Load 2,500 lbs
 28% of capacity



Not issued for construction. For pre-planning only.

Grid: 10' x 10'



Title	Lift Plan
Project	SUNY 2nd Pick
Customer	Erie Mechanical
Description	2000 lbs. stack
Drawn By	Mike Dombroski
	5/28/2024

Load Chart

Project SUNY 2nd Pick
 Customer Erie Mechanical
 Description 2000 lbs. stack

Liebherr LTM 1090-4.2

Boom: Telescopic Boom (T)
 Jib: -
 Base: 100% Outriggers (24.6' x 24.0')
 Counterweight: 15,600 lbs (at 15')
 Range: 360°
 Capacity: EN 13000
 Chart ID: T271.001.00322

Boom Section Percentages	Boom Length (ft)	Boom Angle	Jib Length (ft)	Jib Offset	Tip Height (ft)	Lift Radius (ft)	Capacity (lbs)
100-100-100-100-100-100	196.8	78.5°	-	-	204.8	36	9,100
100-100-100-100-100-100	196.8	78°	-	-	204.4	38	9,100
100-100-100-100-100-100	196.8	77.4°	-	-	203.9	40	9,100
100-100-100-100-100-100	196.8	75.9°	-	-	202.7	45	9,000
100-100-100-100-100-100	196.8	74.3°	-	-	201.3	50	8,900
100-100-100-100-100-100	196.8	72.8°	-	-	199.7	55	8,700
100-100-100-100-100-100	196.8	71.3°	-	-	198	60	8,500
100-100-100-100-100-100	196.8	69.7°	-	-	196.2	65	8,300
100-100-100-100-100-100	196.8	68.2°	-	-	194.2	70	8,000
100-100-100-100-100-100	196.8	66.6°	-	-	192	75	7,300
100-100-100-100-100-100	196.8	65°	-	-	189.7	80	6,400
100-100-100-100-100-100	196.8	63.3°	-	-	187.2	85	5,400
100-100-100-100-100-100	196.8	61.7°	-	-	184.5	90	4,600
100-100-100-100-100-100	196.8	60°	-	-	181.6	95	3,900
100-100-100-100-100-100	196.8	58.3°	-	-	178.5	100	3,200
100-100-100-100-100-100	196.8	56.6°	-	-	175.2	105	2,600
100-100-100-100-100-100	196.8	54.8°	-	-	171.7	110	2,100

This data is for reference use only. Operator must refer to in-cab charts to determine allowable lifting capacities.

STATE OF NEW YORK - DEPARTMENT OF LABOR
CRANE OPERATOR CERTIFICATE OF COMPETENCE



SETH WRIGHT

**CLASS A
UNRESTRICTED**

**CERT# 17-0035
EXPIRES 09/26**

MUST BE CARRIED WHEN OPERATING CRANE

