Global Leaders in Specialized Lifting Equipment!
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CAPACITY:

- **4 Point** - MODEL 4040SC
  - 40 (36) tons to 16’1/8” (4880 mm)

- **2 Point** - MODEL 2020SC
  - 20 (18) tons to 16’1/8” (4880 mm)

Max. Operating PSI: 1800 (124 bar)

BASE DIMENSIONS:

- Length: 51” (1295 mm)
- Width: 28” (711 mm)
- Height Retracted: 6’1/8” (1832 mm)
- Weight: 1850 lbs. (817kg)

STANDARD FEATURES

- Double acting cylinders
- Safety holding valves
- Self Contained Hydraulics
- Pendant Control
- Positioning Handle
- 110 volt / 60 Hz / 20 amp draw
- 220 volt power optional
- 14 Gallon (53 l) reservoir
- 1 g.p.m. pump
OPTIONAL EQUIPMENT AND FEATURES

- Powered Drives
- Lifting Links
- Runway Track
- Lifting Beams with Certified Load Charts
- Side Shift Systems
- Poly Surfaced Wheels
- CARL Computerized Synchronization System
- Radio Remote Control
- Training Technicians

MODEL 2020SC / 4040SC

Metric dimensions [mm]
CAPACITY:

4 Point - MODEL 4066SC
66 (60) tons to 9'4” (2,845mm)
58 (53) tons to 12’8” (3,861mm)
50 (45) tons to 16’ (4,877 mm)

2 Point - MODEL 2033SC
33 (30) tons to 9’4” (2,845mm)
29 (26) tons to 12’8” (3,861mm)
25 (22) tons to 16’ (4,877 mm)

Max. Operating PSI: 2100 (145 bar)

BASE DIMENSIONS:

Length: 51” (1295 mm)
Width: 28 7/8” (734 mm)
Height Retracted: 72” (1829 mm)
Weight: 2200 lbs. (1000kg)

STANDARD FEATURES

- Double acting cylinders
- Safety holding valves
- Self Contained Hydraulics
- Pendant Control
- Positioning Handle
- 220 volt / 60 Hz / 7.5 amp draw
- 14 Gallon (53 l) reservoir
- 1.5 g.p.m. pump

LIFT SYSTEMS, INC.
OFFICE: 1505 - 7th Street
Mailing Address: P.O. Box 906
East Moline, IL 61244 Moline, IL 61266
TEL: +1-309-764-9842
FAX: +1-309-764-9848
EMAIL: liftit@lift-systems.com
WEB: www.lift-systems.com
OPTIONAL EQUIPMENT AND FEATURES

- Powered Drives
- Lifting Links
- Runway Track
- Lifting Beams with Certified Load Charts
- Side Shift Systems
- Poly Surfaced Wheels
- CARL Computerized Synchronization System
- Radio Remote Control
- Training Technicians

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Metric dimensions [mm]
MODEL 2033SCT/4066SCT

MIGHTY MINIJACKS

CAPACITY:

4 Point - MODEL 4066SCT
66 (60) tons to 11’10” (3607 mm)
58 (53) tons to 16’2” (4927 mm)
50 (45) tons to 20’6” (6248 mm)

2 Point - MODEL 2033SCT
33 (30) tons to 11’10” (4880 mm)
29 (26) tons to 16’2” (4927 mm)
25 (22) tons to 20’6” (6248 mm)

Max. Operating PSI: 2100 (145 bar)

BASE DIMENSIONS:

Length: 51” (1295 mm)
Width: 32” (711 mm)
Height Retracted: 7’6” (2286 mm)
Weight: 2300 lbs. (1045 kg)

STANDARD FEATURES

• Double Acting Cylinders
• Safety Holding Valves
• Self Contained Hydraulics
• Pendant Control
• Positioning Handle

• 220 volt / 60 Hz / 10 amp draw
• 19 Gallon (72 l) Reservoir
• 1 g.p.m. Pump

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- Powered Drives
- Lifting Links
- Runway Track
- Lifting Beams with Certified Load Charts
- Side Shift Systems
- Poly Surfaced Wheels
- CARL Computerized Synchronization System
- Radio Remote Control
- Training Technicians

MODEL 2033SCT / 4066SCT

Metric dimensions [mm]
CAPACITY:

4 Point - MODEL 4160

160 (145) tons to 13’4” (4064 mm)
104 (94) tons to 18’11-3/8” (5775 mm)

2 Point - MODEL 2080

80 (72) tons to 13’4” (4064 mm)
52 (47) tons to 18’11-3/8” (5775 mm)

Max. Operating PSI: 1850 (128 bar)

BASE DIMENSIONS:

Length: 66” (1676 mm)
Width: 36” (914 mm)
Height Retracted: 8’1/4” (2444 mm)
Weight: 2700 lbs. (1225 kg)

POWER UNITS:

Two 50 gallon (189 L) Power Units per four point system
Power Options: Diesel, Gasoline, Propane, Electric (3 phase, 440 Volt, 60 Hz; or 3 Phase, 380 Volt, 50Hz)

Length: 65.5” (1664 mm)
Width: 47” (1194 mm)
Height: 42.5” (1080 mm)
Weight Each: 2200 lbs. (1000 kg)

STANDARD FEATURES

- Double Acting Cylinders
- Safety Holding Valves
OPTIONAL EQUIPMENT AND FEATURES

- Powered Drives
- Lifting Links
- Runway Track
- Lifting Beams with Certified Load Charts
- Side Shift Systems
- CARL Computerized Synchronization System
- Height Indicating Systems
- Training Technicians

MODEL 2080 / 4160

Metric dimensions [mm]
MODEL 21A / 42A
100 ton / 200 ton Gantry System

CAPACITY:

4 Point - MODEL 42A
200 (181) tons to 15’7” (4750 mm)
171 (155) tons to 21’5” (6528 mm)

2 Point - MODEL 21A
100 (91) tons to 15’7” (4750 mm)
86 (78) tons to 21’5” (6528 mm)

Max. Operating PSI: 1600 (110 bar)

BASE DIMENSIONS:

Length: 66” (1676 mm)
Width: 36” (914 mm)
Height Retracted: 9’8 1/2” (2959 mm)
Weight: 2700 lbs. (1225 kg)

POWER UNITS:

Two 100 gallon (379 L) Power Units per four point system
Power Options: Diesel, Gasoline, Propane, Electric (3 phase, 440 Volt, 60 Hz; or 3 Phase, 380 Volt, 50Hz)

Length: 65.5” (1664 mm)
Width: 47” (1194 mm)
Height: 42.5” (1080 mm)
Weight Each: 2200 lbs. (1000 kg)

STANDARD FEATURES

- Double Acting Cylinders
- Safety Holding Valves

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FAX: +1-309-764-9848
EMAIL: liftit@lift-systems.com
WEB: www.lift-systems.com
OPTIONAL EQUIPMENT AND FEATURES

- Powered Drives
- Lifting Links
- Runway Track
- Lifting Beams with Certified Load Charts
- Side Shift Systems
- CARL Computerized Synchronization System
- Height Indicating Systems
- Training Technicians

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Moline, IL 61266

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FAX: +1-309-764-9848
EMAIL: liftit@lift-systems.com
WEB: www.lift-systems.com
MODEL 2120SCT/4240SCT
120 ton / 240 ton Gantry System

CAPACITY:

4 Point - MODEL 4240SCT
244 (221) Tons to 15’6” (4724 mm)
154 (139) Tons to 21’3” (6477 mm)
100 (90) Tons to 27’0” (8230 mm)

2 Point - MODEL 2120SCT
122 (110) Tons to 15’6” (4724 mm)
77 (69) Tons to 21’3” (6477 mm)
50 (45) Tons to 27’0” (8230 mm)

Max. Operating PSI: 2150 (148 bar)

BASE DIMENSIONS:

Length: 66-1/4” (1683 mm)
Width: 36” (914 mm)
Height Retracted: 9’9” (2972 mm)
Weight: 5500 lbs. (2497 kg)

STANDARD FEATURES

• Double Acting Cylinders
• Safety Holding Valves
• Self Contained Hydraulics
• Pendant Control

• 220 volt / 60 Hz / 30 amp draw
• 65 Gallon (246 L) Reservoir
• 4.5 g.p.m. Pump

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- Side Shift Systems

- CARL Computerized Synchronization System
- Radio Remote Control
- Training Technicians

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                 Moline, IL  61266

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FAX: +1-309-764-9848
EMAIL: liftit@lift-systems.com
WEB:  www.lift-systems.com
MODEL 21.5A / 43A
150 ton / 300 ton Gantry System

CAPACITY:

**4 Point - 43A**
- 300 (272) Tons to 10’11-3/8” (3337 mm)
- 283 (256) Tons to 14’6-7/8” (4442 mm)
- 201 (182) Tons to 18’3-3/8” (5572 mm)
- 143 (129) Tons to 22’ 5/8” (6721 mm)

**2 Point - 21.5A**
- 150 (136) Tons to 10’11-3/8” (3337 mm)
- 141 (127) Tons to 14’6-7/8” (4442 mm)
- 100 (90) Tons to 18’3-3/8” (5572 mm)
- 71 (64) Tons to 22’ 5/8” (6721 mm)

Max. Operating PSI: 2000 (138 bar)

BASE DIMENSIONS:
- Length: 66” (1676 mm)
- Width: 36” (914 mm)
- Height Retracted: 7’5-1/4” (2267 mm)
- Weight: 4500 lbs. (2380 kg)

POWER UNITS:
- Two 200 gallon (767 L) Power Units per four point system
- Power Options: Diesel, Gasoline, Propane, Electric (3 phase, 440 Volt, 60 Hz; or 3 Phase, 380 Volt, 50Hz)

STANDARD FEATURES
- Double acting cylinders
- Safety holding valves

LIFT SYSTEMS, INC.
OFFICE: 1505 - 7th Street
         East Moline, IL  61244
MAILING ADDRESS: P.O. Box 906
                 Moline, IL  61266
TEL:  +1-309-764-9842
FAX:  +1-309-764-9848
EMAIL: liftit@lift-systems.com
WEB:  www.lift-systems.com
OPTIONAL EQUIPMENT AND FEATURES

- Integral Drives
- Lifting Links
- Runway Track
- Lifting Beams with Certified Load Charts
- Fully Powered Side Shift Systems
- Training Technicians
- CARL Computerized Synchronization System
- Radio Remote Control
- Digital Height Indicator
- Digital Load Weight Indicator
- Leveling Systems

MODEL 43A

Metric dimensions [mm]

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FAX: +1-309-764-9848
EMAIL: liftit@lift-systems.com
WEB: www.lift-systems.com
MODEL 22A / 44A
NEW BASE STYLE
200 ton / 400 ton Gantry System

CAPACITY:

4 Point - 44A
400 (362) Tons to 15’8” (4794 mm)
298 (270) Tons to 21’6” (6572 mm)
200 (181) Tons to 27’5” (8350 mm)

2 Point - 22A
200 (181) Tons to 15’8” (4794 mm)
149 (135) Tons to 21’6” (6572 mm)
100 (90) Tons to 27’5” (8350 mm)

Max. Operating PSI: 2000 (138 bar)

BASE DIMENSIONS:
Length: 67.5” (1715 mm)
Width: 48” (1219 mm)
Height Retracted: 9’11” (3023 mm)
Weight: 7500 lbs. (3405 kg)

POWER UNITS:
Two 200 gallon (767 L) Power Units per four point system
Power Options: Diesel, Gasoline, Propane, Electric (3 phase, 440 Volt, 60 Hz; or 3 Phase, 380 Volt, 50Hz)

Length: 65.5” (1664 mm)
Width: 48.5” (1232 mm)
Height: 54.75” (1391 mm)
Weight Each: 3100 lbs. (1406 kg)

STANDARD FEATURES
- Double acting cylinders
- Safety holding valves
- Adjustable wheel boxes

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FAX: +1-309-764-9848
EMAIL: liftit@lift-systems.com
WEB: www.lift-systems.com
OPTIONAL EQUIPMENT AND FEATURES

- Integral Drives
- Lifting Links
- Runway Track
- Lifting Beams with Certified Load Charts
- Fully Powered Side Shift Systems
- Training Technicians
- CARL Computerized Synchronization System
- Radio Remote Control
- Digital Height Indicator
- Digital Load Weight Indicator
- Leveling Systems

MODEL 44A

Metric dimensions [mm]

LIFT SYSTEMS, INC.
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FAX: +1-309-764-9848
EMAIL: liftit@lift-systems.com
WEB: www.lift-systems.com
MODEL 24A / 48A
NEW BASE STYLE
400 ton / 800 ton Gantry System

CAPACITY:

**4 Point - 48A**

- 800 (725) Tons to 15’8” (4794 mm)
- 597 (541) Tons to 21’6” (6572 mm)
- 402 (364) Tons to 27’4-3/4” (8350 mm)

**2 Point - 24A**

- 400 (362) Tons to 15’8” (4794 mm)
- 298 (270) Tons to 21’6” (6572 mm)
- 201 (180) Tons to 27’4-3/4” (8350 mm)

Max. Operating PSI: 2000 (138 bar)

BASE DIMENSIONS:

- Length: 73 1/2” (1867 mm)
- Width: 48” (1229 mm)
- Height Retracted: 9’10-3/4” (3016 mm)
- Weight: 11000 lbs. (4994 kg)

POWER UNITS:

- Two 400 gallon (1514 L) Power Units per four point system
- Power Options: Diesel, Gasoline, Propane, Electric (3 phase, 440 Volt, 60 Hz; or 3 Phase, 380 Volt, 50Hz)

- Length: 101” (2565mm)
- Width: 69” (1753 mm)
- Height: 54” (1372 mm)
- Weight Each: 5835 lbs. (2647 kg)

STANDARD FEATURES

- Double acting cylinders
- Safety holding valves

LIFT SYSTEMS, INC.

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FAX: +1-309-764-9848
EMAIL: liftit@lift-systems.com
WEB: www.lift-systems.com
OPTIONAL EQUIPMENT AND FEATURES

- Integral Drives
- Lifting Links
- Runway Track
- Lifting Beams with Certified Load Charts
- Fully Powered Side Shift Systems
- Training Technicians

- CARL Computerized Synchronization System
- Radio Remote Control
- Digital Height Indicator
- Digital Load Weight Indicator
- Leveling Systems

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FAX:  +1-309-764-9848
EMAIL: liftit@lift-systems.com
WEB:  www.lift-systems.com
MODEL 34PT5400WS
500 Ton POWER TOWER Gantry System

CAPACITY:

4 Point

500 (450) Tons to 24’2” (7,336 mm)
400 (360) Tons to 30’2” (9,202 mm)

2 Point

250 (225) Tons to 24’2” (7,336 mm)
200 (181) Tons to 30’2” (9,202 mm)

Max. Operating PSI: 2750 (190 bar)

BASE DIMENSIONS:

Length: 91.5” (2324 mm)

Width: 48” (1219 mm)

Height Retracted: 10’2 5/16” (3106 mm)

Weight: 13,970 lbs. (6,337 kg)

POWER UNITS:

Two (2) 200 gallon (757 L) Power Units per Four Point System

Power Options: Diesel, Gasoline, Propane, Electric (3 phase, 440 Volt, 60 Hz; or 3 Phase, 380 Volt, 50Hz)

Length: 65.5” (1664 mm)

Width: 48.5” (1232 mm)

Height: 54.75” (1391 mm)

Weight: 5,250 lbs. (2,381 kg)

STANDARD FEATURES

- Straightest Booms in the Industry
- Large Lift Lugs
- Safety Holding Valves
- Wedge Inter-Lock System
- Large Work Platforms
- Double Acting Cylinders

LIFT SYSTEMS, INC.

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EMAIL: liftit@lift-systems.com
WEB: www.lift-systems.com
MODEL 34PT5400WS

OPTIONAL EQUIPMENT AND FEATURES

- Integral Drives
- Changeable Power - Diesel to Electric in Minutes
- Digital Height Indicator
- Digital Load Weight Indicator
- Fully Powered Side Shift Systems
- Leveling Systems
- CARL Computerized Synchronization System
- Radio Remote Control
- Powered Rotators
- Adjustable Lifting Links
- Runway Track
- Track Stands
- Stator Frames
- Lifting Beams with Certified Load Charts
- Training Technicians

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FAX: +1-309-764-9848
EMAIL: liftit@lift-systems.com
WEB: www.lift-systems.com
MODEL 34PT5400WT
500 Ton POWER TOWER Gantry System

CAPACITY:

4 Point
500 (450) Tons to 27’6” (8,382 mm)
400 (360) Tons to 35’ (10,668 mm)

2 Point
250 (225) Tons to 27’6” (8,382 mm)
200 (181) Tons to 35’ (10,668 mm)

Max. Operating PSI: 2750 (190 bar)

BASE DIMENSIONS:
Length: 91.5” (2324 mm)
Width: 48” (1219 mm)
Height Retracted: 11’6” (3505 mm)
Weight: 13,500 lbs. (6129 kg)

POWER UNITS:
Two (2) 300 gallon (1136 L) Power Units per Four Point System
Power Options: Diesel, Gasoline, Propane, Electric (3 phase, 440 Volt, 60 Hz; or 3 Phase, 380 Volt, 50Hz)

Length: 92.5” (2350 mm)
Width: 61.5” (1562 mm)
Height: 61” (1549 mm)
Weight: 5250 lbs. (2384 kg)

STANDARD FEATURES
• Straightest Booms in the Industry
• Large Lift Lugs
• Safety Holding Valves
• Wedge Inter-Lock System
• Large Work Platforms
• Double Acting Cylinders

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EMAIL: liftit@lift-systems.com
WEB: www.lift-systems.com
OPTIONAL EQUIPMENT AND FEATURES

- Integral Drives
- Changeable Power - Diesel to Electric in Minutes
- Digital Height Indicator
- Digital Load Weight Indicator
- Fully Powered Side Shift Systems
- Leveling Systems
- CARL Computerized Synchronization System
- Radio Remote Control
- Powered Rotators
- Adjustable Lifting Links
- Runway Track
- Track Stands
- Stator Frames
- Lifting Beams with Certified Load Charts
- Training Technicians

MODEL 34PT5400WT

LIFT SYSTEMS, INC.
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TEL: +1-309-764-9842
FAX: +1-309-764-9848
EMAIL: liftit@lift-systems.com
WEB: www.lift-systems.com
MODEL 34PT5400WXT-4
500 Ton POWER TOWER Gantry System

CAPACITY:

4 Point
500 (450) Tons to 30’3” (9,223 mm)
400 (360) Tons to 38’4” (11,684 mm)

2 Point
250 (225) Tons to 30’3” (9,223 mm)
200 (181) Tons to 38’4” (11,684 mm)

Max. Operating PSI: 2700 (186 bar)

BASE DIMENSIONS:
Length: 91.5” (2324 mm)
Width: 48” (1219 mm)
Height Retracted: 13’2” (4016 mm)
Weight: 17,000 lbs. (7720 kg)

POWER UNITS:
Two (2) 300 gallon (1136 L) Power Units per Four Point System
Power Options: Diesel, Gasoline, Propane, Electric (3 phase, 440 Volt, 60 Hz; or 3 Phase, 380 Volt, 50Hz)

Length: 92.5” (2350 mm)
Width: 61.5” (1562 mm)
Height: 61” (1549 mm)
Weight: 5250 lbs. (2384 kg)

STANDARD FEATURES

- Straightest Booms in the Industry
- Large Lift Lugs
- Safety Holding Valves
- Wedge Inter-Lock System
- Large Work Platforms
- Double Acting Cylinders

LIFT SYSTEMS, INC.
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FAX: +1-309-764-9848
EMAIL: liftit@lift-systems.com
WEB: www.lift-systems.com
MODEL 34PT5400WXT-4

OPTIONAL EQUIPMENT AND FEATURES

- Integral Drives
- Changeable Power - Diesel to Electric in Minutes
- Digital Height Indicator
- Digital Load Weight Indicator
- Fully Powered Side Shift Systems
- Leveling Systems
- CARL Computerized Synchronization System
- Radio Remote Control
- Powered Rotators
- Adjustable Lifting Links
- Runway Track
- Track Stands
- Stator Frames
- Lifting Beams with Certified Load Charts
- Training Technicians

LIFT SYSTEMS, INC.

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FAX: +1-309-764-9848
EMAIL: liftit@lift-systems.com
WEB: www.lift-systems.com
MODEL 34PT5400WT-5
500 Ton POWER TOWER Gantry System

CAPACITY:

4 Point
500 (450) Tons to 31’ 4 3/4” (9,569 mm)
400 (360) Tons to 40’ 0” (12,192 mm)

2 Point
250 (225) Tons to 31’ 4 3/4” (9,569 mm)
200 (181) Tons to 40’ 0” (12,192 mm)

Max. Operating PSI: 2700 (186 bar)

BASE DIMENSIONS:
Length: 84” (2311 mm)
Width: 60” (1524 mm)
Height Retracted: 13’2” (4013 mm)
Weight: 19,000 lbs. (8626 kg)

POWER UNITS:
Two (2) 300 gallon (1136 L) Power Units per Four Point System
Power Options: Diesel, Gasoline, Propane, Electric (3 phase, 440 Volt, 60 Hz; or 3 Phase, 380 Volt, 50Hz)

Length: 92.5” (2350 mm)
Width: 61.5” (1562 mm)
Height: 61” (1549 mm)
Weight: 5250 lbs. (2384 kg)

STANDARD FEATURES

- Straightest Booms in the Industry
- Large Lift Lugs
- Safety Holding Valves
- Wedge Inter-Lock System
- Large Work Platforms
- Double Acting Cylinders

LIFT SYSTEMS, INC.
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Moline, IL 61266

TEL: +1-309-764-9842
FAX: +1-309-764-9848
EMAIL: liftit@lift-systems.com
WEB: www.lift-systems.com
OPTIONAL EQUIPMENT AND FEATURES

- Integral Drives
- Changeable Power - Diesel to Electric in Minutes
- Digital Height Indicator
- Digital Load Weight Indicator
- Fully Powered Side Shift Systems
- Leveling Systems
- CARL Computerized Synchronization System
- Radio Remote Control
- Powered Rotators
- Adjustable Lifting Links
- Runway Track
- Track Stands
- Stator Frames
- Lifting Beams with Certified Load Charts
- Training Technicians
CAPACITY:

4 Point
500 (450) Tons to 35’ (10,668 mm)

2 Point
250 (225) Tons to 35’ (10,668 mm)

Max. Operating PSI: 2450 (169 bar)

BASE DIMENSIONS:

Length: 91” (2311 mm)
Width: 48” (1219 mm)
Height Retracted: 11’6” (3505 mm)
Weight: 17,500 lbs. (7945 kg)

POWER UNITS:

Two 300 gallon (1136 L) Power Units per Four Point System

Power Options: Diesel, Gasoline, Propane, Electric (3 phase, 440 Volt, 60 Hz; or 3 Phase, 380 Volt, 50Hz)

Length: 92.5” (2350 mm)
Width: 61.5” (1562 mm)
Height: 61” (1549 mm)
Weight: 5250 lbs. (2384 kg)

STANDARD FEATURES

- Straightest Booms in the Industry
- Large Lift Lugs and Fork Pockets
- Safety Holding Valves
- Wedge Inter-Lock System
- Large Work Platforms
- Double Acting Cylinders
OPTIONAL EQUIPMENT AND FEATURES

- Integral Drives
- Changeable Power - Diesel to Electric in Minutes
- Digital Height Indicator
- Digital Load Weight Indicator
- Fully Powered Side Shift Systems
- Leveling Systems
- CARL Computerized Synchronization System
- Radio Remote Control
- Powered Rotators
- Adjustable Lifting Links
- Runway Track
- Track Stands
- Stator Frames
- Lifting Beams with Certified Load Charts
- Training Technicians

MODEL 34PT500WT

LIFT SYSTEMS, INC.
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Moline, IL 61266

TEL: +1-309-764-9842
FAX: +1-309-764-9848
EMAIL: liftit@lift-systems.com
WEB: www.lift-systems.com
CAPACITY:

4 Point
650 (585) Tons to 27’6” (8,382 mm)
550 (500) Tons to 35’ (10,668 mm)

2 Point
325 (292) Tons to 27’6” (8,382 mm)
275 (247) Tons to 35’ (10,668 mm)

Max. Operating PSI: 2,650 (183 bar)

BASE DIMENSIONS:
Length: 84” (2,134 mm)
Width: 49” (1,245 mm)
Height Retracted: 11’6” (3,505 mm)
Weight: 19,000 lbs. (8,618 kg)

POWER UNITS:
Two 300 gallon (1,136 L) Power Units per Four Point System
Power Options: Diesel, Gasoline, Propane, Electric (3 phase, 440 Volt, 60 Hz; or 3 Phase, 380 Volt, 50Hz)

Length: 92.5” (2,350 mm)
Width: 61.5” (1,562 mm)
Height: 61” (1,549 mm)
Weight: 5250 lbs. (2,384 kg)

STANDARD FEATURES
- Straightest Booms in the Industry
- Large Lift Lugs and Fork Pockets
- Safety Holding Valves
- Wedge Inter-Lock System
- Large Work Platforms
- Double Acting Cylinders

LIFT SYSTEMS, INC.
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EMAIL: liftit@lift-systems.com
WEB: www.lift-systems.com
OPTIONAL EQUIPMENT AND FEATURES

- Integral Drives
- Changeable Power - Diesel to Electric in Minutes
- Digital Height Indicator
- Digital Load Weight Indicator
- Fully Powered Side Shift Systems
- Leveling Systems
- CARL Computerized Synchronization System
- Radio Remote Control
- Powered Rotators
- Adjustable Lifting Links
- Runway Track
- Track Stands
- Stator Frames
- Lifting Beams with Certified Load Charts
- Training Technicians

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EMAIL: liftit@lift-systems.com
WEB: www.lift-systems.com
MODEL 34PT6550WXT
650 Ton POWER TOWER Gantry System

CAPACITY:

4 Point
650 (585) Tons to 31’5 1/2” (9,588 mm)
550 (500) Tons to 40’7/8”  (12,214 mm)

2 Point
325 (292) Tons to 31’5 1/2” (9,588 mm)
275 (247) Tons to 40’7/8”  (12,214 mm)

Max. Operating PSI: 2,650 (183 bar)

BASE DIMENSIONS:
Length: 91”  (2311 mm)
Width: 60”   (1524 mm)
Height Retracted: 13’2”  (4033 mm)
Weight: 23,000 lbs.  (10,445 kg)

POWER UNITS:
Two (2) 400 gallon (1514 L) Power Units per Four Point System
Power Options: Diesel, Gasoline, Propane, Electric (3 phase, 440 Volt, 60 Hz; or 3 Phase, 380 Volt, 50Hz)

Length: 100.5” (2553 mm)
Width: 68.5”  (1740 mm)
Height: 54.75”  (1391 mm)
Weight: 8550 lbs.  (3880 kg)

STANDARD FEATURES
- Straightest Booms in the Industry
- Large Lift Lugs
- Safety Holding Valves
- Wedge Inter-Lock System
- Large Work Platforms
- Double Acting Cylinders

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EMAIL: info@lift-systems.com
WEB: www.lift-systems.com
OPTIONAL EQUIPMENT AND FEATURES

- Integral Drives
- Changeable Power - Diesel to Electric in Minutes
- Digital Height Indicator
- Digital Load Weight Indicator
- Fully Powered Side Shift Systems
- Leveling Systems
- CARL Computerized Synchronization System
- Radio Remote Control
- Powered Rotators
- Adjustable Lifting Links
- Runway Track
- Track Stands
- Stator Frames
- Lifting Beams with Certified Load Charts
- Training Technicians

MODEL 34PT6550WXT

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OFFICE: 1505 - 7th Street
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TEL: +1-309-764-9842
FAX: +1-309-764-9848
EMAIL: info@lift-systems.com
WEB: www.lift-systems.com
CAPACITY:

4 Point
850 (771) Tons to 31’5 1/2” (9,588 mm)
525 (426) Tons to 40’7/8” (12,214 mm)

2 Point
425 (385) Tons to 31’5 1/2” (9,588 mm)
263 (238) Tons to 40’7/8” (12,214 mm)

Max. Operating PSI: 2800 (193 bar)

BASE DIMENSIONS:
Length: 91” (2311 mm)
Width: 60” (1524 mm)
Height Retracted: 13’2” (4033 mm)
Weight: 24,500 lbs. (11,125 kg)

POWER UNITS:
Two (2) 400 gallon (1514 L) Power Units per Four Point System
Power Options: Diesel, Gasoline, Propane, Electric (3 phase, 440 Volt, 60 Hz; or 3 Phase, 380 Volt, 50Hz)

Length: 100.5” (2553 mm)
Width: 68.5” (1740 mm)
Height: 54.75” (1391 mm)
Weight: 8550 lbs. (3880 kg)

STANDARD FEATURES
- Straightest Booms in the Industry
- Large Lift Lugs
- Safety Holding Valves
- Wedge Inter-Lock System
- Large Work Platforms
- Double Acting Cylinders
OPTIONAL EQUIPMENT AND FEATURES

- Integral Drives
- Changeable Power - Diesel to Electric in Minutes
- Digital Height Indicator
- Digital Load Weight Indicator
- Fully Powered Side Shift Systems
- Leveling Systems
- CARL Computerized Synchronization System
- Radio Remote Control
- Powered Rotators
- Adjustable Lifting Links
- Runway Track
- Track Stands
- Stator Frames
- Lifting Beams with Certified Load Charts
- Training Technicians
CAPACITY:

4 Point

1000 (907) Tons to 31’5 1/2” (9,588 mm)
600 (544) Tons to 40’7/8” (12,214 mm)

2 Point

500 (450) Tons to 31’5 1/2” (9,588 mm)
300 (272) Tons to 40’7/8” (12,214 mm)

Max. Operating PSI: 3250 (224 bar)

BASE DIMENSIONS:
Length: 91” (2311 mm)
Width: 60” (1524 mm)
Height Retracted: 13’2” (4033 mm)
Weight: 29,500 lbs. (13,395 kg)

POWER UNITS:
Two (2) 400 gallon (1514 L) Power Units per Four Point System
Power Options: Diesel, Gasoline, Propane, Electric (3 phase, 440 Volt, 60 Hz; or 3 Phase, 380 Volt, 50Hz)

Length: 100.5” (2553 mm)
Width: 68.5” (1740 mm)
Height: 54.75” (1391 mm)
Weight: 8550 lbs. (3880 kg)

STANDARD FEATURES
- Straightest Booms in the Industry
- Large Lift Lugs
- Safety Holding Valves
- Wedge Inter-Lock System
- Large Work Platforms
- Double Acting Cylinders
OPTIONAL EQUIPMENT AND FEATURES

- Integral Drives
- Changeable Power - Diesel to Electric in Minutes
- Digital Height Indicator
- Digital Load Weight Indicator
- Fully Powered Side Shift Systems
- Leveling Systems
- CARL Computerized Synchronization System
- Radio Remote Control
- Powered Rotators
- Adjustable Lifting Links
- Runway Track
- Track Stands
- Stator Frames
- Lifting Beams with Certified Load Charts
- Training Technicians

MODEL 34PT10060WT

LIFT SYSTEMS, INC.

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TEL:  +1-309-764-9842
FAX:  +1-309-764-9848
EMAIL: liftit@lift-systems.com
WEB:  www.lift-systems.com
MODEL 34PT14080WT
1400 Ton POWER TOWER Gantry System

CAPACITY:

4 Point
1400 (1270) Tons to 35’7” (10,846 mm)
892 (809) Tons to 46’ 0” (14,021 mm)

2 Point
700 (635) Tons to 35’7” (10,846 mm)
446 (404) Tons to 46’ 0” (14,021 mm)

Max. Operating PSI: 3,000 (207 bar)

BASE DIMENSIONS:
Length: 91” (2,311 mm)
Width: 61” (1,549 mm)
Height Retracted: 15’3” (4,648 mm)
Weight: 32,000 lbs. (14,515 kg)

POWER UNITS:
Two (2) 500 gallon (1,893 L) Power Units
per Four Point System
Power Options: Diesel, Gasoline, Propane, Electric (3 phase, 440 Volt, 60 Hz; or 3 Phase, 380 Volt, 50Hz)

Length: 87.5” (2,223 mm)
Width: 74.5” (1,892 mm)
Height: 54.75” (1,391 mm)
Weight: 7,500 lbs. (3,402 kg)

STANDARD FEATURES
- Straightest Booms in the Industry
- Large Lift Lugs
- Safety Holding Valves
- Wedge Inter-Lock System
- Large Work Platforms
- Double Acting Cylinders

LIFT SYSTEMS, INC.
OFFICE: 1505 - 7th Street
Mailing Address: P.O. Box 906
Moline, IL 61266
East Moline, IL 61244
TEL: +1-309-764-9842
FAX: +1-309-764-9848
EMAIL: liftit@lift-systems.com
WEB: www.lift-systems.com
OPTIONAL EQUIPMENT AND FEATURES

- Integral Drives
- Changeable Power - Diesel to Electric in Minutes
- Digital Height Indicator
- Digital Load Weight Indicator
- Fully Powered Side Shift Systems
- Leveling Systems
- CARL Computerized Synchronization System
- Radio Remote Control
- Powered Rotators
- Adjustable Lifting Links
- Runway Track
- Track Stands
- Stator Frames
- Lifting Beams with Certified Load Charts
- Training Technicians

MODEL 34PT14080WT

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OPTIONAL EQUIPMENT AVAILABLE FOR MODELS 2020SC, 2033SC, and 2033SCT

DRIVES
- Removable hydraulic drive
- Ratchet lift feature for freewheel
- High traction rubber wheel
- Can be added to most existing units
- All current production units are prepped for the addition of drives at a future date
- Can be purchased as a stand alone, self-installation kit

RISERS
- Add 5’ (1.5m) of additional height to your system in minutes
- No shimming
- Accepts 2020SC through 2033SCT base widths with no adjustment needed
- Accepts hydraulic pin-on drives
- Full lifting capacity is maintained

RUNWAY TRACK
- 6” tall runway track with adjustable width to accept both 2020SC and 2033SCT bases
- Great for spanning pits and channels
- Maximize floor protection and weight distribution
- Lightweight for ease of shipment and handling
- Available in 10’ sections
ROLLING LINK SIDE SHIFT SYSTEM

- Side shift loads in a controlled manner
- Rolling Links and clamp provide positive load attachment to beam
- Various cylinder lengths available
- Allows for fine adjustment and placement of loads

LIFTING BEAMS

- Lift Beams available in various sizes and weights to accommodate most load arrangements
- Mill Test Certs available
- Custom designed and fabricated beams available for special applications

LIFTING LINKS

- Lift Links allow for load attachment to the lifting beam
- Various sizes/capacities available to accommodate most beam sizes

HEADER PLATE EXTENDERNS

- Header plate extenders are available to allow the jacks to accept a wider flange beam than standard
- Bolt on for ease of installation
- Custom designed and fabricated depending upon beam size to be used
The 2nd generation Level Lift System is here and even easier to use than its predecessor! Instantly know if your lifting beams are level without the need for tape measures or other operator aids.

The Level Lift II can be set up in minutes and used on ANY Hydraulic Gantry System!

Contact Lift Systems, or your Independent Lift Systems’ Representative today and see how this low-cost solution can increase the safety of your job AND save you time and money!

**FEATURES**

- 1/2” (12.5mm) accuracy in 20’ (6 m) = 1/10°
- 1” (25mm) accuracy in 40’ (12 m) = 1/10°
- LED Display with 1/10 of a degree readout
- Uses (8) “AA” Batteries
- 100’ molded cords for maximum reach
- Strong magnetic bases for simple, fast, and secure setup
- No field adjustments required
- Waterproof sensors
- Water resistant display
- Lightweight - only 27 lbs., including the hard sided shipping case
- Easy to maintain - components can be replaced in the field in minutes

**EASY-TO-READ DISPLAY**

**CONVENIENT SHIPPING CASE**
CARL (Computer Assisted Remote Lifting) is an optional control platform for Lift Systems’ current Open Cylinder Hydraulic Gantry Line. Using state-of-art technology, the operator is informed of all important aspects of the gantry system and lifting operation, such as lift height, travel distance, and system pressures, at all times. Synchronization of lift, travel, and side shifting, allow for precise operation of the System with the greatest of ease.

The CARL control module interacts with all functions of the machine and provides feedback to the operator in an easy-to-read and easy-to-navigate platform. The portability of the 7 lb. control module allows the operator the optimal view of the lift at all times. Radio Remote Control is also an option with the CARL System. All functions of the unit can be performed from a wireless belly pack with an emergency stop button standard.

Unsafe situations are minimized with the CARL System. Visual and audio warnings, with automatic shutdown for out of tolerance conditions, ensures a safer lift. Operator acknowledgement of warning messages is required with the CARL System. Constant monitoring of the gantry system via an electric-over-hydraulic platform gives the operator feedback on the status of system components like never before.

Most existing Lift Systems’ Open Cylinder Hydraulic Gantry Systems can be retrofitted with the CARL System. Contact your representative for details and pricing!
The first critical step in performing a successful lifting operation with a hydraulic gantry system is proper setup with a strong foundation and level runway track. Proper operation is just as critical as the foundation. Information will assist your operator to perform the lift safely and efficiently. The main lifting page for the CARL Control System provides your operator with the most critical data required all on one screen. No other manufacturer has a system to provide all of the data in one place, requiring the operator to search through the control system screen to find the data they require, thus taking their attention away from the most important item to monitor during a lift — THE LOAD!

From the main lifting page with CARL, the operator is able to:

- Change which legs are activated for operation
- Change which jacks are in freewheel or drive mode
- Turn the synchronization feature on and off
- Toggle between lift, propel, and side shifting functions
- Reset travel distances
- Monitor individual jack height, cylinder pressure, & distance traveled
- View warnings which will appear if an unsafe condition is detected and also determine which jack or jacks require further attention to continue with the lifting operation
Depending on the scope of work you are performing, or the client you are performing the work for, different units of measurement may be a necessity. With the CARL Control System, it is possible to toggle between metric and English units of measure with the press of a button, and without affecting operation of the unit. Once the unit of measure is changed, all information is immediately updated throughout the system.

<table>
<thead>
<tr>
<th>HEIGHT CAN BE DISPLAYED IN:</th>
<th>WEIGHT CAN BE DISPLAYED IN:</th>
<th>PRESSURE CAN BE DISPLAYED IN:</th>
</tr>
</thead>
<tbody>
<tr>
<td>• INCHES</td>
<td>• POUNDS</td>
<td>• PSI</td>
</tr>
<tr>
<td>• FEET</td>
<td>• TONS</td>
<td>• BAR</td>
</tr>
<tr>
<td>• METERS</td>
<td>• KILOGRAMS</td>
<td></td>
</tr>
<tr>
<td>• CENTIMETERS</td>
<td>• METRIC TONNES</td>
<td></td>
</tr>
</tbody>
</table>
When overhead obstructions become a factor, CARL is there to make life easier with the Maximum Height Control Feature. Input the height of your runway track, the height of your lifting beams, lifting links, side shift dollies, and the overall height that the gantry system should be allowed to extend to, and CARL will take it from there. Once the programmed maximum height is achieved, the CARL System will automatically cease extending the gantry system. The unit may be lowered at this point and extended again, but it will never extend past the specified height as long as the Maximum Height Control Feature is enabled. Disable the feature, and the operator may resume lifting to the maximum height of the gantry system. Give your clients peace of mind that their pipe racks, electrical lines, lighting, and building roofs are protected while you perform your work.
Options are what CARL is all about! Our multi-language option allows for your gantry system to operate in up to three languages, one of which must be English. The multi-language setup of your unit can be done prior to completion at the factory. Simple, easy to complete, Microsoft Excel spreadsheets will be emailed to you for translation and upon return, downloaded into the CARL Program. This feature will allow you to use native terminology to your language, region, and even within your own organization to make your CARL equipped hydraulic gantry truly your own!

Currently there are CARL equipped machines operating in the field with Turkish, Italian, Portuguese, French, German, Spanish, Japanese, and English language platforms.
CARL (Computer Assisted Remote Lifting) is an optional control platform for Lift Systems' current Power Tower Hydraulic Gantry Line. Using state-of-art technology, the operator is informed of all important aspects of the gantry system and lifting operation, such as lift height, travel distance, and system pressures, at all times. Synchronization of lift, travel, and side shifting, allow for precise operation of the System with the greatest of ease.

The CARL control module interacts with all functions of the machine and provides feedback to the operator in an easy-to-read and easy-to-navigate platform. The portability of the 7 lb. control module allows the operator the optimal view of the lift at all times. Radio Remote Control is also an option with the CARL System. All functions of the unit can be performed from a wireless belly pack with an emergency stop button standard.

Unsafe situations are minimized with the CARL System. Visual and audio warnings, with automatic shutdown for out of tolerance conditions, ensures a safer lift. Operator acknowledgement of warning messages is required with the CARL System. Constant monitoring of the gantry system via an electric-over-hydraulic platform gives the operator feedback on the status of system components like never before.

Most existing Lift Systems' Power Tower Hydraulic Gantry Systems can be retrofitted with the CARL System. Contact your representative for details and pricing!
The first critical step in performing a successful lifting operation with a hydraulic gantry system is proper setup with a strong foundation and level runway track. Proper operation is just as critical as the foundation. Information will assist your operator to perform the lift safely and efficiently. The main lifting page for the CARL Control System provides your operator with the most critical data required all on one screen. No other manufacturer has a system to provide all of the data in one place, requiring the operator to search through the control system screen to find the data they require, thus taking their attention away from the most important item to monitor during a lift — THE LOAD!

From the main lifting page with CARL, the operator is able to:

- Change which legs are activated for operation
- Change which jacks are in freewheel or drive mode
- Turn the synchronization feature on and off
- Toggle between lift, propel, and side shifting functions
- Reset travel distances
- Monitor individual jack height, cylinder pressure, distance traveled, and overall wedgelock engagement status
- View warnings which will appear if an unsafe condition is detected and also determine which jack or jacks require further attention to continue with the lifting operation
The combination of the WedgeLock redundant drop prevention feature and the CARL Control System make Lift Systems’ Power Towers an easy choice, because safety is everyone’s paramount concern. Knowing the status of the safety features incorporated into a machine will give you piece of mind it is functioning properly.

Each wedge of a Wedgelock equipped Power Tower has a sensor to let the operator know the wedge is disengaged when extending or retracting the system. If the sensor reads that the wedge is still engaged, the lift/lower function will be disabled.

This page of the CARL System is designed to immediately show the operator the location the wedge or sensor that may require adjustment or service. If it is determined that the wedge is working properly by the appropriate authority, the wedge sensors may be overridden to allow continued operation of the system until proper replacement or adjustment of the wedge sensor can be made. Extra care is imperative when operating a machine in this state.

NOTE: ONLY PROPERLY TRAINED AND QUALIFIED INDIVIDUALS SHOULD DETERMINE IF IT IS APPROPRIATE TO OVERRIDE ANY SAFETY DEVICE SENSOR. LIFTING OPERATIONS SHOULD CEASE AND THE FACTORY BE CONSULTED IMMEDIATELY SHOULD THERE BE ANY CONSIDERATION IN OVERRIDING A SAFETY DEVICE SENSOR WITHOUT DIRECT APPROVAL FROM A PROPERLY TRAINED AND QUALIFIED AUTHORITY.
Depending on the scope of work you are performing, or the client you are performing the work for, different units of measurement may be a necessity. With the CARL Control System, it is possible to toggle between metric and English units of measure with the press of a button, and without affecting operation of the unit. Once the unit of measure is changed, all information is immediately updated throughout the system.

- **HEIGHT CAN BE DISPLAYED IN:**
  - INCHES
  - FEET
  - METERS
  - CENTIMETERS

- **WEIGHT CAN BE DISPLAYED IN:**
  - POUNDS
  - TONS
  - KILOGRAMS
  - METRIC TONNES

- **PRESSURE CAN BE DISPLAYED IN:**
  - PSI
  - BAR
When overhead obstructions become a factor, CARL is there to make life easier with the Maximum Height Control Feature. Input the height of your runway track, the height of your lifting beams, lifting links, side shift dollies, and the overall height that the gantry system should be allowed to extend to, and CARL will take it from there. Once the programmed maximum height is achieved, the CARL System will automatically cease extending the gantry system. The unit may be lowered at this point and extended again, but it will never extend past the specified height as long as the Maximum Height Control Feature is enabled. Disable the feature, and the operator may resume lifting to the maximum height of the gantry system. Give your clients peace of mind that their pipe racks, electrical lines, lighting, and building roofs are protected while you perform your work.
Options are what CARL is all about! Our multi-language option allows for your gantry system to operate in up to three languages, one of which must be English. The multi-language setup of your unit can be done prior to completion at the factory. Simple, easy to complete, Microsoft Excel spreadsheets will be emailed to you for translation and upon return, downloaded into the CARL Program. This feature will allow you to use native terminology to your language, region, and even within your own organization to make your CARL equipped hydraulic gantry truly your own!

Currently there are CARL equipped machines operating in the field with Turkish, Italian, Portuguese, French, German, Spanish, Japanese, and English language platforms.
PROPEL OPTIONS
For Hydraulic Gantry Systems

PROPEL CYLINDERS

Propel Cylinders are the most cost effective method to propel a hydraulic gantry system. A hydraulic cylinder positively connects the hydraulic gantry leg to the runway track and movement is achieved by extending or retracting the cylinder. Great for fine adjustment and final placement.

PIN ON (PLANETARY) DRIVES

Pin On Drives are a great way to add continuous drive capabilities to hydraulic gantry systems. A simple plug and play attachment, the drives pin to existing attachment points on the gantry leg and simply plug into the existing auxiliary hydraulic ports already on the gantry system. Ratchet lift feature for free wheel mode and while lifting the load. High traction rubber wheels driven by a hydraulic motor continuously propel the gantry system down the runway track.

Recommended for Hydraulic Gantry System Models 44A, 43A, 42A, 4160 and lesser capacities. Suitability depends upon intended application.
Integral Drives are definitely the simplest, most user friendly method of propelling a hydraulic gantry system along runway track. The drive is integral to the wheels on one end of the hydraulic gantry leg, and driven by a hydraulic motor located inside the gantry leg. A simple shift lever on the leg, or in the case of systems equipped with the CARL Computer Control System, the push of a button activates the drives. For gantry systems with 4 axles per leg, both axles on the end with the drive system are powered.

This option is available for all current hydraulic gantry production models, and all current models are pre-prepped to allow the addition of integral drives at any time. Existing units may require additional preparation in order to add drives depending upon the model and production year of the unit.
### LIFT LINKS
For Hydraulic Gantry Systems

<table>
<thead>
<tr>
<th>STANDARD LIFT LINKS</th>
<th>MODULAR LIFT LINKS</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1" alt="Standard Lift Link" /></td>
<td><img src="image2" alt="Modular Lift Link" /></td>
</tr>
</tbody>
</table>

**Standard lift links** provide the most economical solution to rigging attachment. Simple design yet manufactured with exacting standards. Precision cut with line bored shackle holes.

**Modular lift links** provide an economical, yet flexible solution for various lifting scenarios. Need a shorter or taller beam opening? Simply change the side plates to accommodate your specific job requirements.

### ADJUSTABLE LIFT LINKS

Adjustable lift links provide site specific flexibility in one complete package. If your company has various beam sizes, beam heights, and side shift systems, adjustable lift links ensure maximum lifting height from your hydraulic gantry system every time. Multiple pin locations can be engineered to suit your specific equipment requirements.
A = width of beam opening ________________
B = height of beam opening ________________
C = diameter of shackle pin hole ____________
D = capacity required per lift link ____________
E = shape and section size of beam to be used __________________________
ADJUSTABLE WIDTH
6” RUNWAY TRACK

SPECS.

<table>
<thead>
<tr>
<th>SPEC</th>
<th>HEIGHT</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>6 3/8”</td>
<td>65 lbs. per foot</td>
</tr>
</tbody>
</table>

STANDARD LENGTHS
10’

END STYLE
BEVELED

DIMENSIONS WHEN CONFIGURED FOR MODEL 2020SC

<table>
<thead>
<tr>
<th>DIMENSION</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>28 1/4”</td>
<td>28”</td>
<td>24”</td>
</tr>
</tbody>
</table>

DIMENSIONS WHEN CONFIGURED FOR 2033SC 2033SCT

<table>
<thead>
<tr>
<th>DIMENSION</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>32 1/4”</td>
<td>32”</td>
<td>28”</td>
</tr>
</tbody>
</table>

DIMENSIONS WHEN CONFIGURED FOR 4100 4160 42A 4240

<table>
<thead>
<tr>
<th>DIMENSION</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>36 1/4”</td>
<td>36”</td>
<td>32”</td>
</tr>
</tbody>
</table>

OPTIONAL EQUIPMENT FOR MODELS
2020SC, 2033SC, 2033SCT, 4100, 4160, 42A, 4240

PROPEL CYLINDER ATTACHMENT

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EMAIL: liftit@lift-systems.com
WEB: www.lift-systems.com
## LIFT SYSTEMS, INC.

### ADJUSTABLE WIDTH RUNWAY TRACK

### Metrics Dimensions are shown in (mm)

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>OUTER WIDTH OF TRACK</td>
<td>OUTER WIDTH OF GANTRY</td>
<td>WHEEL SPACING CENTER TO CENTER</td>
</tr>
<tr>
<td>HEIGHT</td>
<td>10” (254)</td>
<td>15 1/2” (394)</td>
<td>20 1/4” (514)</td>
</tr>
<tr>
<td>WEIGHT</td>
<td>175 lbs. per foot</td>
<td>230 lbs. per foot</td>
<td>500 lbs. per foot</td>
</tr>
<tr>
<td>STANDARD LENGTHS</td>
<td>10’</td>
<td>15’</td>
<td>20’</td>
</tr>
<tr>
<td>END STYLE</td>
<td>BEVELED 10 DEGREES</td>
<td>STRAIGHT</td>
<td>STRAIGHT</td>
</tr>
</tbody>
</table>

### Wide Position Dimensions

<table>
<thead>
<tr>
<th></th>
<th>A (1168)</th>
<th>B (1219)</th>
<th>C (914)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HEIGHT</td>
<td>46”</td>
<td>48”</td>
<td>36”</td>
</tr>
<tr>
<td>WEIGHT</td>
<td>175 lbs. per foot</td>
<td>230 lbs. per foot</td>
<td>500 lbs. per foot</td>
</tr>
</tbody>
</table>

### Narrow Position Dimensions

<table>
<thead>
<tr>
<th></th>
<th>A (864)</th>
<th>B (914)</th>
<th>C (610)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HEIGHT</td>
<td>34”</td>
<td>36”</td>
<td>24”</td>
</tr>
<tr>
<td>WEIGHT</td>
<td>175 lbs. per foot</td>
<td>230 lbs. per foot</td>
<td>500 lbs. per foot</td>
</tr>
</tbody>
</table>
CENTER SECTION:
Back to back angles in center section adapted for propel cylinders

CONNECTION:
Each track joint requires bolts, nuts, and washers to connect sections

Qty. 8 sets (bolt, nut, and washers) required per track joint connection (customer supplied)

GUIDE ROD:
1 inch (25mm) guide rod welded on one beam of each runway section allows for proper wheel alignment

CONSTRUCTION:
Fully welded box construction
SIDE SHIFT SYSTEMS
For Hydraulic Gantry Systems

10 TON ROLLING LIFT LINK
- 10 ton capacity per link
- Short stroke cylinder and beam clamp
- Various cylinder lengths available
- Allows for fine adjustment and placement of loads

200 TON (50 ton per dolly) CYLINDER/CLAMP SYSTEM
- 50 ton Capacity per dolly pad
- Short stroke cylinder and beam clamp
- Various cylinder lengths available
- Allows for fine adjustment and placement of loads
- Continuous Power option available
- Can also be used as machinery moving dollies
- Also available in 400 ton capacity (100 tons per dolly)
400 TON (100 ton per dolly) CONTINUOUS POWER SYSTEM

- 100 ton Capacity per dolly pad
- Continuous hydraulically powered with integral brake
- Allows for fine adjustment and placement of loads
- Cylinder/Clamp option available
- Can also be used as powered machinery moving dollies

500 TON (125 ton per dolly) CONTINUOUS POWER SYSTEM

- 125 ton Capacity per dolly pad
- Continuous hydraulically powered with integral brake
- Allows for fine adjustment and placement of loads
- Cylinder/Clamp option available
- Can also be used as powered machinery moving dollies
The 550 ton (500 tonne) Rotation Station is the most versatile on the market. With 3 optional methods of use, load rotation is possible in any manner needed. 360 degree continuous rotation, with variable speed, ensures exact placement with optimal control. The portable power unit can be run with standard electric power of 110v (optional voltages available), and is lockable when not in use.

Custom capacities and designs are available—contact Lift Systems or your representative for details!

The Rotation Station can be used on top of the lifting beam arrangement to rotate an object into the proper orientation prior to final placement.

Great for any application where a single point lift, or the use of a spreader bar is possible.
The Rotation Station can be used at ground level to spin an object into the proper orientation prior to lifting with a hydraulic gantry, or other equipment, for final placement.

Great for press crowns, or any other application, where maximum lift height, lower headroom, or combination thereof, is paramount.

The Rotation Station makes it possible for the object to be rotated to be placed on top of the unit for 360 degree continuous rotation.

Great for installing and removing overhead crane girders.
The 5’ Universal Riser is the simplest and fastest way to achieve additional lifting height. Without additional track cribbing, stacking of lifting beams, or a combination thereof, you can achieve 5’ (1.5 m) of additional system height with less time and labor. Integral Drives built into the risers plug into the gantry leg’s auxiliary hydraulic circuit as a nothing else needed option. Designed to accommodate models 44A, 48A, 34PT300LS/WS, and 34PT5400LS/WS with full load capacities.

Custom capacities and designs are available—contact Lift Systems or your representative for details!
### MODEL48A BASE ON UNIVERSAL RISER

![Diagram of MODEL48A BASE ON UNIVERSAL RISER](image)

- **Dimensions**
  - Height: 65 1/8" to 60"
  - Width: 101 3/4" to 83 1/4"
  - Depth: 9 3/4" TYP

**TIE DOWN TUBES TO SIT ON TOP OF GANTRY WHEEL BOXES.**

---

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**WEB:** [www.lift-systems.com](http://www.lift-systems.com)
Track Stands are a great way to achieve additional lifting height of up to 25’ in their standard configuration. Elevating the Runway Track provides a whole new range of capabilities in a modular package. Various available heights of the stands and the modular, stackable design, allow for optimal additional lifting height without the need to take excess materials to the jobsite, the need to customize existing equipment, or the need to build custom equipment for each unique application. 200 ton capacity per stand!

Custom capacities and designs are available—contact Lift Systems or your representative for details!
MODULAR CONSTRUCTION

Easy to assemble components simply slide together and require bolting.

The bolted track joint only needs to be within the confines of the headers.

The 4.5’ x 5.5’ footprint allows for use with varying widths of runway track and can be orientated in either direction.

Commonly Available Stackable Section Heights:

- 2’
- 4’
- 5’
- 6’
- 8’
- 10’
- 12’

Custom Heights Available!
Determining the right size of lifting beams is an imperative step to ensuring a successful hydraulic gantry lift. Use the simple guideline below to assist in determining suitable lifting beams for your application. Share this form with your professional engineer and other rigging professionals for assistance. This form can not cover all types of jobs, nor all variables of a particular job. Consult professional engineering services if you are not sure of any jobsite variables, or your particular scenario does not fit the basic criteria below. Lift Systems will also gladly put you in touch with engineering firms familiar with hydraulic gantry systems and the development of rigging plans using hydraulic gantry systems.

A - ________________________
Distance between centerline of jacks

B - ________________________
Distance between lifting points such as lift links or centerline of side shift dollies

C - ________________________
Distance from center of jack to lift point

D - ________________________
Weight of load per lift point

SIDE SHIFTING REQUIRED?  Yes  No  (circle one)

Name

Company Name

Phone Number

Email Address
Determining the right size of runway track is an imperative step to ensuring a successful hydraulic gantry lift. Use the simple guideline below to assist in determining suitable runway track for your application. Share this form with your professional engineer and other rigging professionals for assistance. This form can not cover all types of jobs, nor all variables of a particular job. Consult professional engineering services if you are not sure of any jobsite variables, or your particular scenario does not fit the basic criteria below. Lift Systems will also gladly put you in touch with engineering firms familiar with hydraulic gantry systems and the development of rigging plans using hydraulic gantry systems.

OTHER FACTORS TO CONSIDER

- Floor loading allowance
- Thickness of concrete
- Strength of pit walls
- Compaction and type of base material
- Hardness of cribbing blocks

**A** - Distance between centerline of jacks

**B** - Maximum unsupported span
(such as pit, trench, or distance between shims)

**C** - Total load on each jack
(including weight of beams and all rigging)

**D** - Maximum distance between cribbing or shims

---

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WEB: www.lift-systems.com
Upon successful completion of the program, the gantry system owner will receive an Official Recertification Letter and Testing Certification Document stating they are in compliance with A.S.M.E. B30.1 2009.

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