



Technical Data

Specifications & Capacities

SPX650

Traslantion of the original instructions

[ft] [lb]

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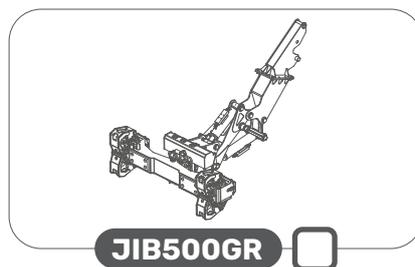
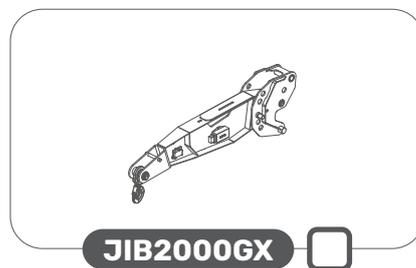
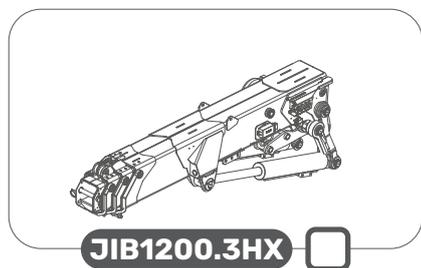
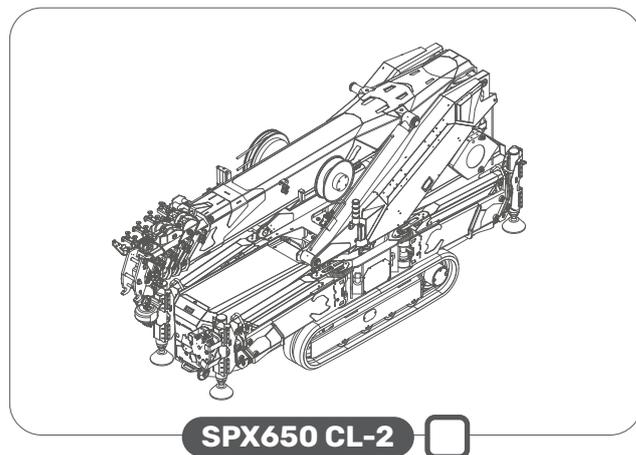
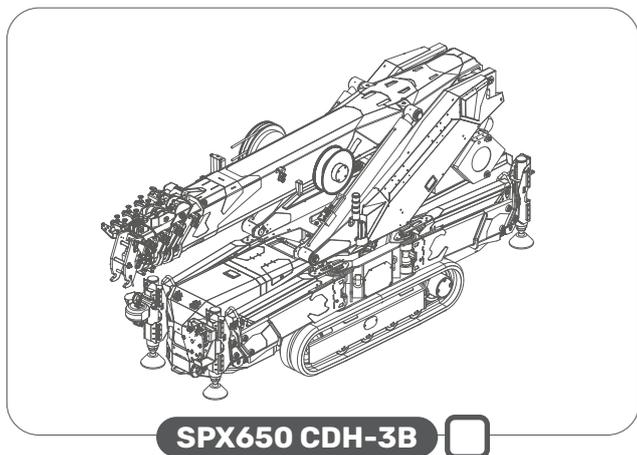


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INDEX

| | |
|---|----------|
| Index | 2 |
| Crane configuration | 3 |
| CDH-3B | 4 |
| Overall dimensions | 4 |
| Overall informations | 5 |
| CL-2 | 8 |
| Overall dimensions | 8 |
| Overall Informations | 9 |
| Winch | 12 |
| Hookblock..... | 13 |
| Winch rope maximum reach..... | 14 |
| Stability areas | 15 |
| Tipping line - Load chart selection | 16 |
| Stability examples | 17 |
| Main boom load chart..... | 20 |
| Main boom load tables | 21 |
| Main boom load chart - Pick & Carry | 24 |
| Main boom load tables - Pick & Carry..... | 25 |
| JIB2000GX load chart..... | 26 |
| JIB2000GX load tables | 27 |
| JIB2000GX load chart- Pick & Carry | 30 |
| JIB2000GX load table - Pick & Carry..... | 31 |
| JIB1200.3HX load chart..... | 32 |
| JIB1200.3HX load tables..... | 34 |
| JIB500GR load chart..... | 38 |
| JIB500GR load tables..... | 39 |
| JIB1200.3HX features | 42 |
| JIB2000GX features | 43 |
| JIB500GR features | 44 |
| Symbols | 45 |

CRANE CONFIGURATION

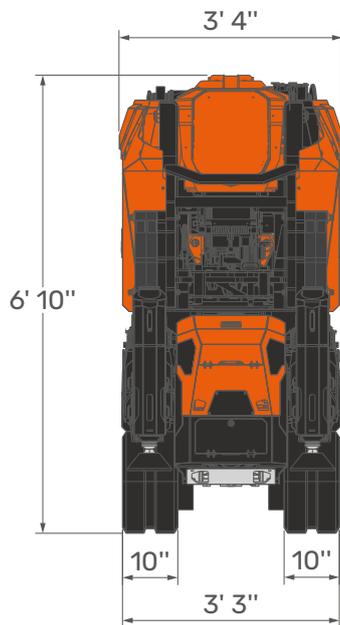
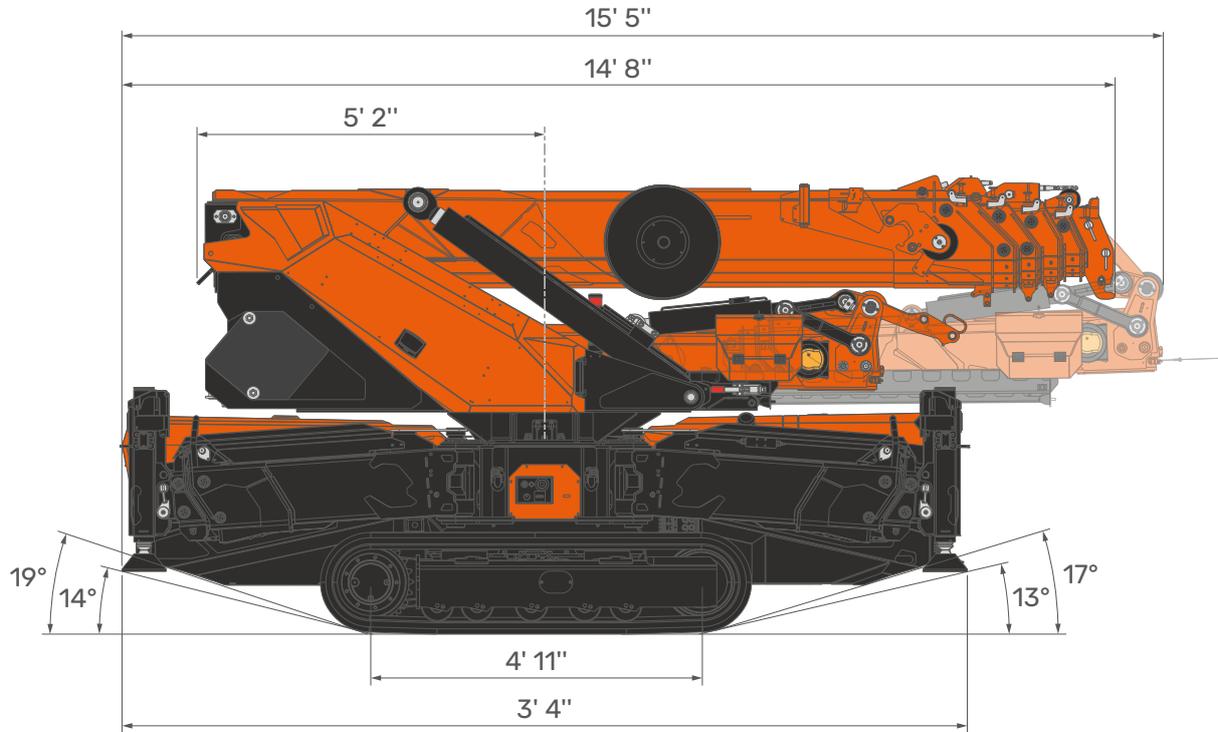


SPX650 CDH-3B

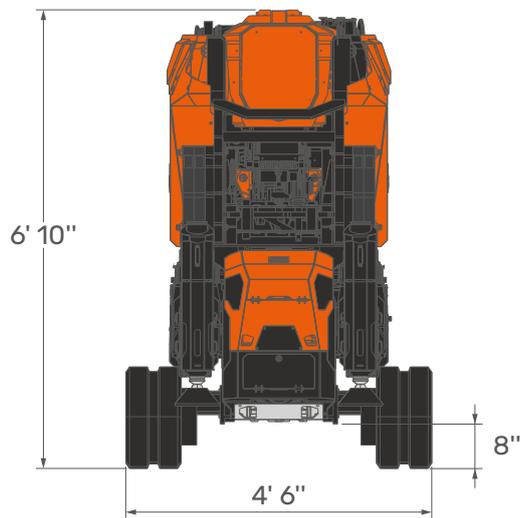
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Overall dimensions

OVERALL DIMENSIONS



CLOSED TRACKS



EXTENDED TRACKS

OVERALL INFORMATIONS

INFO GRU



| | DESCRIPTION | U.M. | VALUE |
|--------------------------------------|---------------|--------------------|-------------------------|
| OVERALL DIMENSIONS | Height | ft | 6' 10" |
| | Length | | 14' 8" |
| | Width | | 3' 4" |
| BOOM | Length | ft | 13' 1"/50' 6" |
| | Speed | s | 40 (13' 1"/50' 6") |
| SLEWING | Angle | ° | 360° |
| | Speed | rpm | 1 |
| LIFTING | Working Angle | ° | 0°/82° |
| | Speed | s | 25 (0°/50°) |
| MAX CAPACITY | | lb | 11,020 |
| MAX OUTRIGGERS LOAD | | lb | 10,360 ^[1] |
| TRACK LOAD | | lb/in ² | 11.0 |
| TRAVEL SPEED | Slow | mph | 1.2 |
| | Fast | | 1.8 |
| MAX GRADEABILITY | | ° | 17°(30%) ^[2] |
| WORKING TEMPERATURE | | °F | +14°/+104° |
| SOUND EMISSIONS | | dB | 100 |
| MAX WIND SPEED IN WORKING CONDITIONS | | ft/s | 45.2 |
| Lifting Class (UNI 4301-1) | | | A1 |

^[1]: Static Lifting

^[2]: Engine work limit

SPX650 CDH-3B

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Overall informations

WEIGHT



| | | | |
|------------------|------------------------|----|--------------------------|
| CRANE | Standard configuration | lb | 12,780 ^{[1][2]} |
| HOOKBLOCK | 1 ton single line hook | lb | 60 |
| | 5T-D7 | | 90 |

ACCESSORIES



| | | | |
|-----------------------------|----------------------------------|----|------|
| JIB | 2000GX | lb | 110 |
| | 1200.3HX | | 1050 |
| | 500GR | | 590 |
| WINCH | W800.80-2 | lb | 114 |
| | W800.85-P-2 | | 150 |
| HYDRAULIC ACTIVATION | HA-SPX650 | lb | 85 |
| WINTER KIT | WUK-03.1 | lb | 7 |
| POWERPACK | 3-Phase Electric Motor Pump | lb | 200 |
| OUTRIGGERS MATS | Outriggers mats (exagonals) (x4) | lb | 60 |

^[1]: Dry weight

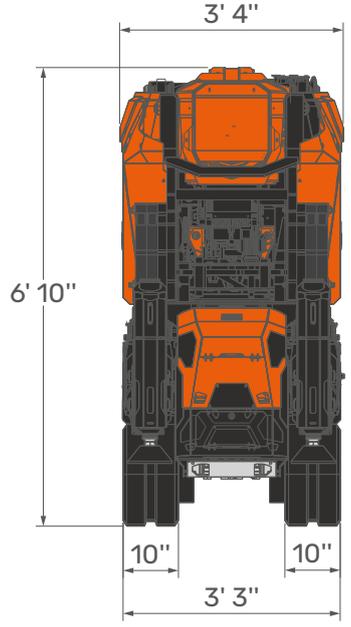
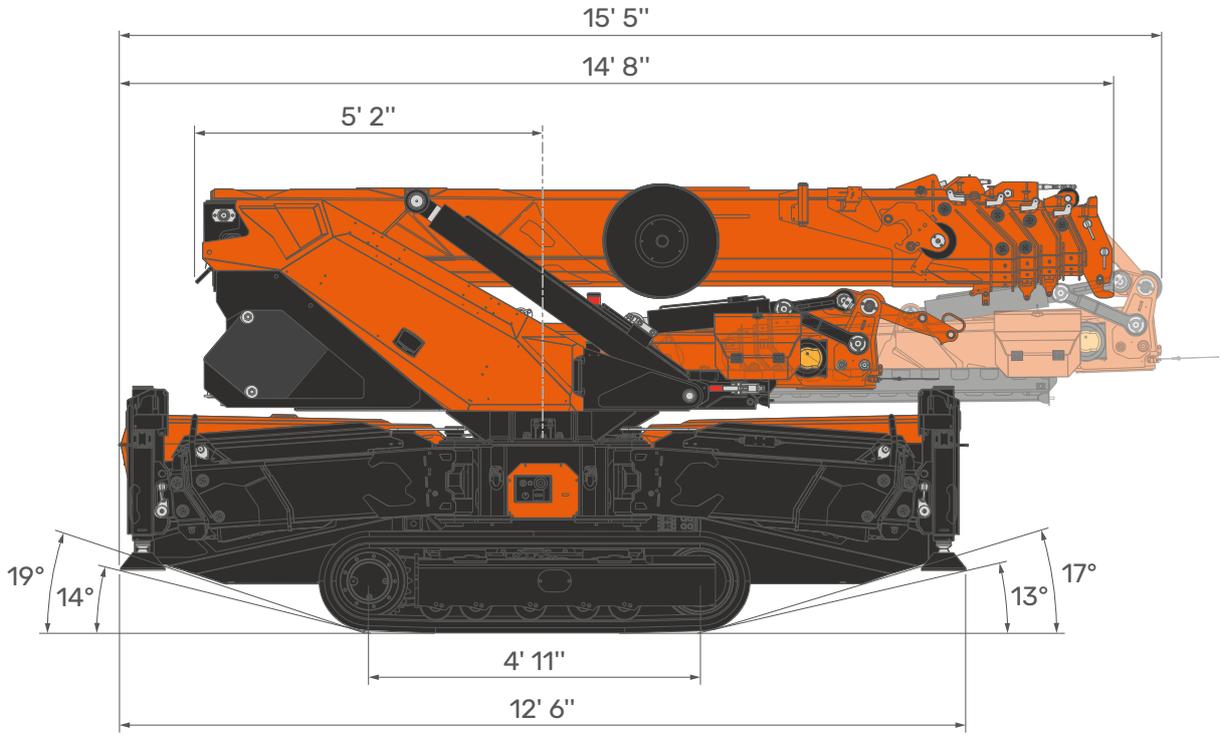
^[2]: Estimated fluids weight = 330 lb

| | | | | | | |
|---------------|-----|--------------|-------|--------|------|--|
| ENGINE | | Power Supply | | Diesel | | |
| | | ENGINE | Power | kW | 18.5 | |
| | | | | HP | 25 | |
| Tank Capacity | gal | 7.9 | | | | |

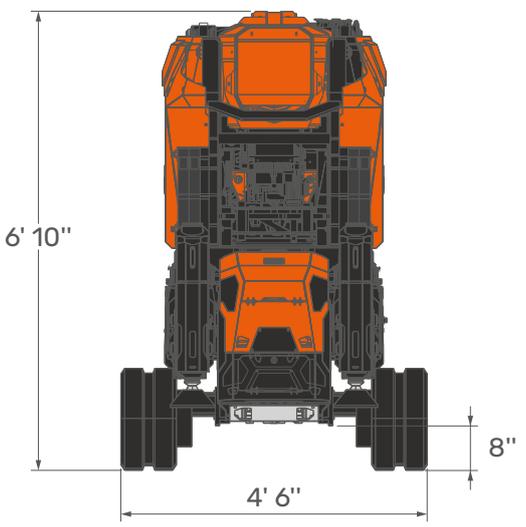
| | | | | | | | |
|---------------------|--------|-----------------|---------------------|---------------------|----|---------------|--|
| POWERPACK | | POWER SUPPLY | | PP400-9.B2 (CE) | | 3 PH + N + PE | |
| | | | | PP220-4.B2 (UL-CSA) | | 3 PH + PE | |
| | | 3-PHASE KIT | PP400-9.B2 (CE) | Voltage | V | 400 | |
| | | | | Frequency | Hz | 50 | |
| | | | | Motor Power | kW | 9.3 | |
| | | | PP220-4.B2 (UL-CSA) | Voltage | V | 220 | |
| | | | | Frequency | Hz | 60 | |
| | | | | Motor Power | kW | 9.3 | |
| | | BATTERY CHARGER | PP400-9.B2 (CE) | Charge | V | 12 | |
| | | | | | Ah | 25 | |
| PP220-4.B2 (UL-CSA) | Charge | | V | 12 | | | |
| | | | Ah | 25 | | | |

| | | | | | | | |
|-------------------------|--|---------------------------|-----------------------|---------------|----------|----|--|
| HYDRAULIC SYSTEM | | MAX WORKING PRESSURE | | bar | 230 | | |
| | | TANK CAPACITY | | gal | 18 | | |
| | | HYDRAULIC SYSTEM CAPACITY | | gal | 32 | | |
| | | OIL | OIL-650 | Biodegradable | ISO VG46 | | |
| | | | ARTIC-OIL-650 | Mineral | ISO VG46 | | |
| | | MAIN PUMP | Variable Displacement | | cc/rev | 30 | |
| | | | Max Oil Flow | | gal/min | 17 | |

OVERALL DIMENSIONS



CLOSED TRACKS



EXTENDED TRACKS

OVERALL INFORMATIONS

CRANE INFO



| | DESCRIPTION | U.M. | VALUE |
|--------------------------------------|---------------|--------------------|-----------------------|
| OVERALL DIMENSIONS | Height | ft | 6' 10" |
| | Length | | 14' 8" |
| | Width | | 3' 4" |
| BOOM | Length | ft | 13' 1"/50' 6" |
| | Speed | s | 40 (13' 1"/50' 6") |
| SLEWING | Angle | ° | 360° |
| | Speed | rpm | 1 |
| LIFTING | Working Angle | ° | 0°/82° |
| | Speed | s | 25 (0°/50°) |
| MAX CAPACITY | | lb | 11,020 |
| MAX OUTRIGGERS MAX LOAD | | lb | 10,360 ^[1] |
| TRACK LOAD | | lb/in ² | 11.0 |
| TRAVEL SPEED | Slow | mph | 1.2 |
| | Fast | | 1.8 |
| MAX GRADEABILITY | | ° | 17°(30%) |
| WORKING TEMPERATURE | | °F | 14°/+104° |
| MAX WIND SPEED IN WORKING CONDITIONS | | ft/s | 45.2 |
| Lifting Class (UNI 4301-1) | | | A1 |

^[1]: Static lifting

SPX650 CL-2

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Overall informations

| | | | | | |
|---------------|---|------------------|------------------------|----|--------------------------|
| WEIGHT |  | CRANE | Standard configuration | lb | 12,780 ^{[1][2]} |
| | | HOOKBLOCK | 1 ton single line hook | lb | 60 |
| | | | 5T-D7 | | 90 |

| | | | | | |
|--|---|----------------------------------|-------------|----|------|
| ACCESSORIES |  | JIB | 2000GX | lb | 110 |
| | | | 1200.3HX | | 1050 |
| | | | 500GR | | 590 |
| |  | WINCH | W800.80-2 | lb | 114 |
| | | | W800.85-P-2 | | 150 |
| |  | HYDRAULIC ACTIVATION | HA-SPX650 | lb | 85 |
|  | WINTER KIT | WUK-03.1 | lb | 7 | |
|  | OUTRIGGERS MATS | Outriggers mats (exagonals) (x4) | lb | 60 | |

^[1]: Dry weight

^[2]: Estimated fluids weight = 330 lb

| | | | | | | |
|--------------|--|------------------------------|------------------|----|-----------------|--|
| MOTOR | | ELECTRIC MOTORIZATION | Power Supply | | Lithium Battery | |
| | | | Battery Voltage | V | 46 | |
| | | | Battery Capacity | Ah | 400 | |
| | | | Motor Power | kW | 16 | |

| | | | | | | |
|--------------------------|--|---------------------|--------|--------------------------|--|--|
| ELECTRICAL SYSTEM | | POWER SUPPLY | CE | 1 PH (230V) + N + PE | | |
| | | | UL-CSA | 1 PH (110/220V) + N + PE | | |
| | | | | 2x 1 PH (110/220V) + PE | | |

| | | | | | | | |
|------------------------|----|----------------------|--------|--------------------------|--------|----|----|
| BATTERY CHARGER | CE | 1 PH (230V) + N + PE | Charge | V | 48 | | |
| | | | | Ah | 40 | | |
| | | | UL-CSA | 1 PH (110/220V) + N + PE | Charge | V | 48 |
| | | | | | | Ah | 20 |
| | | | | 2x 1 PH (110/220V) + PE | Charge | V | 48 |
| | | | | | | Ah | 40 |

| | | | | | | |
|-------------------------|--|---------------------|----|------------------|--|--|
| EXTERNAL CHARGER | | POWER SUPPLY | CE | 3 PH (400V) + PE | | |
|-------------------------|--|---------------------|----|------------------|--|--|

| | | | | | |
|------------------------|----|------------------|--------|----|-----|
| BATTERY CHARGER | CE | 3 PH (400V) + PE | Charge | V | 48 |
| | | | | Ah | 140 |

| | | | | | | |
|-------------------------|--|----------------------------------|-----------------------|-----|---------------|----------|
| HYDRAULIC SYSTEM | | MAX WORKING PRESSURE | | bar | 230 | |
| | | TANK CAPACITY | | gal | 18 | |
| | | HYDRAULIC SYSTEM CAPACITY | | gal | 32 | |
| | | OIL | OIL-1280 | | Biodegradable | ISO VG46 |
| | | | ARTIC-OIL-1280 | | Mineral | ISO VG46 |
| | | MAIN PUMP | Variable Displacement | | cc/rev | 35 |
| | | | Max Oil Flow | | gal/min | 17 |

WINCH

W800.80-2



| LAYER | MAX PULL LINE | ROPE SPEED | |
|-------|----------------------|------------|--------|
| | | SLOW | FAST |
| | lb | ft/min | ft/min |
| 1 | 2,310 ^[1] | 71 | 113 |
| 2 | 2,130 ^[1] | 76 | 121 |
| 3 | 1,980 ^[1] | 80 | 130 |
| 4 | 1,870 ^[1] | 87 | 138 |
| 5 | 1,760 ^[1] | 92 | 148 |

ROPE

| WIRE ROPE | BREAKING LOAD | ∅ | TOTAL LENGTH |
|-----------------------------------|------------------|------|--------------|
| | lb | in | ft |
| Anti-twist 19x7 right lang lay | 10,360 | 1/4" | 262' 6" |

W800.85-P-2



| LAYER | MAX PULL LINE | ROPE SPEED |
|-------|----------------------|------------|
| | | STANDARD |
| | lb | ft/min |
| 1 | 2,270 ^[1] | 52 |
| 2 | 2,110 ^[1] | 56 |
| 3 | 1,980 ^[1] | 59 |
| 4 | 1,870 ^[1] | 66 |
| 5 | 1,760 ^[1] | 69 |

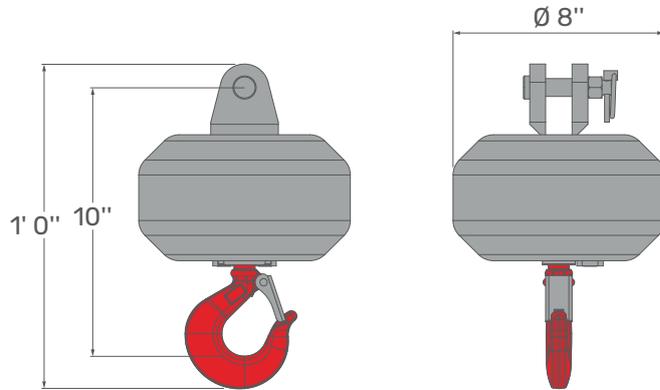
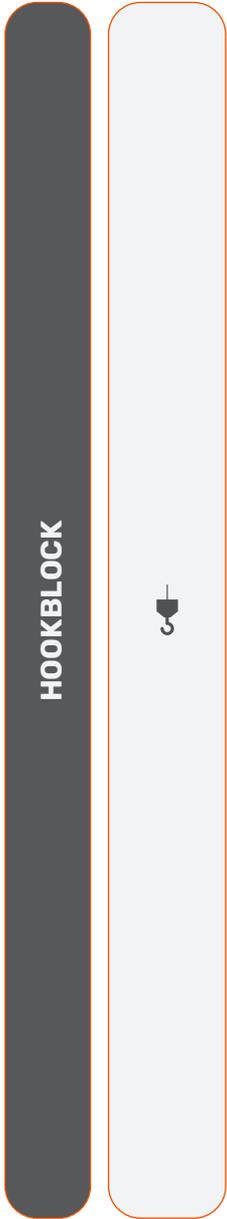
ROPE

| WIRE ROPE | BREAKING LOAD | ∅ | TOTAL LENGTH |
|-----------------------------------|------------------|------|--------------|
| | lb | in | ft |
| Anti-twist 19x7 right lang lay | 10,360 | 1/4" | 278' 10" |

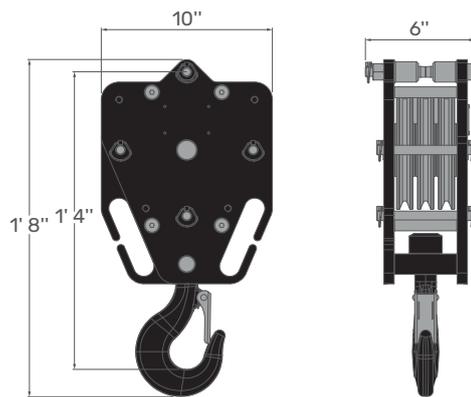
^[1]: LMI limited at 1760 lb.

Maximum speed and maximum lifting capacity cannot be contemporary.

HOOKBLOCK



| MODEL | LOAD | | N° OF | |
|------------------------|------|-------|---------|-------|
| | | | Sheaves | Lines |
| 1 ton single line hook | lb | 1,760 | - | 1 |



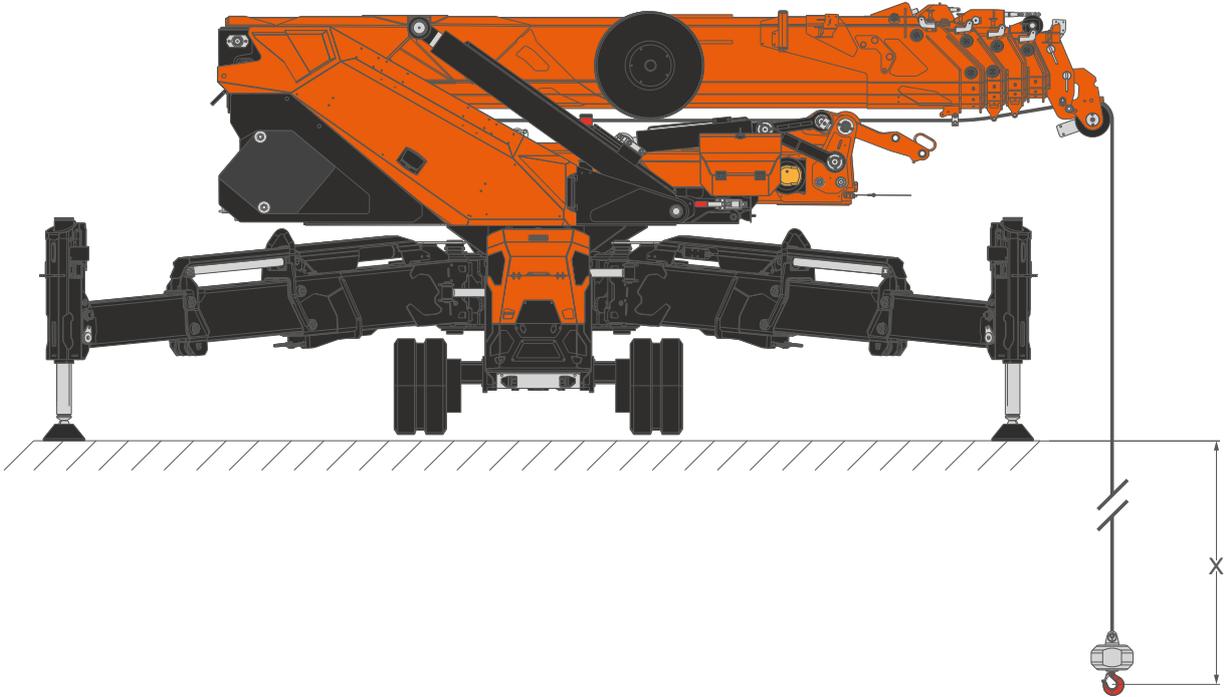
| MODEL | LOAD | | N° OF | |
|-------|------|--------|---------|-------|
| | | | Sheaves | Lines |
| 5T-D7 | lb | 3,520 | 3 | 2 |
| | | 7,050 | | 4 |
| | | 10,580 | | 6 |

SPX650

Winch rope maximum reach

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WINCH ROPE MAX REACH

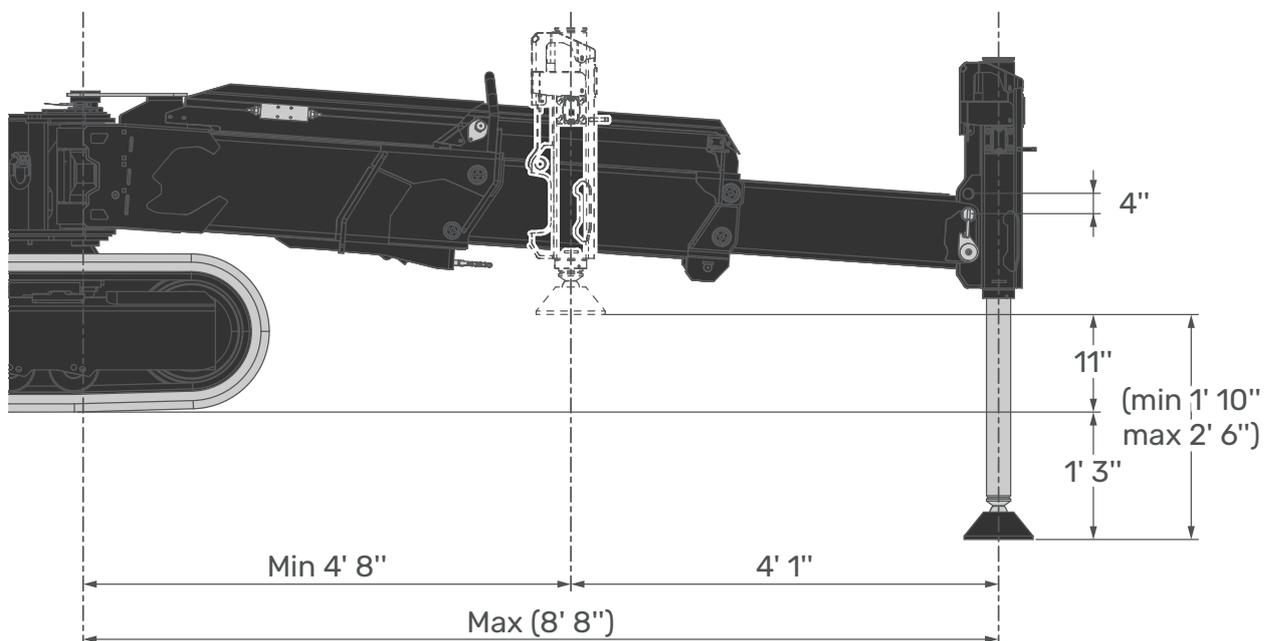
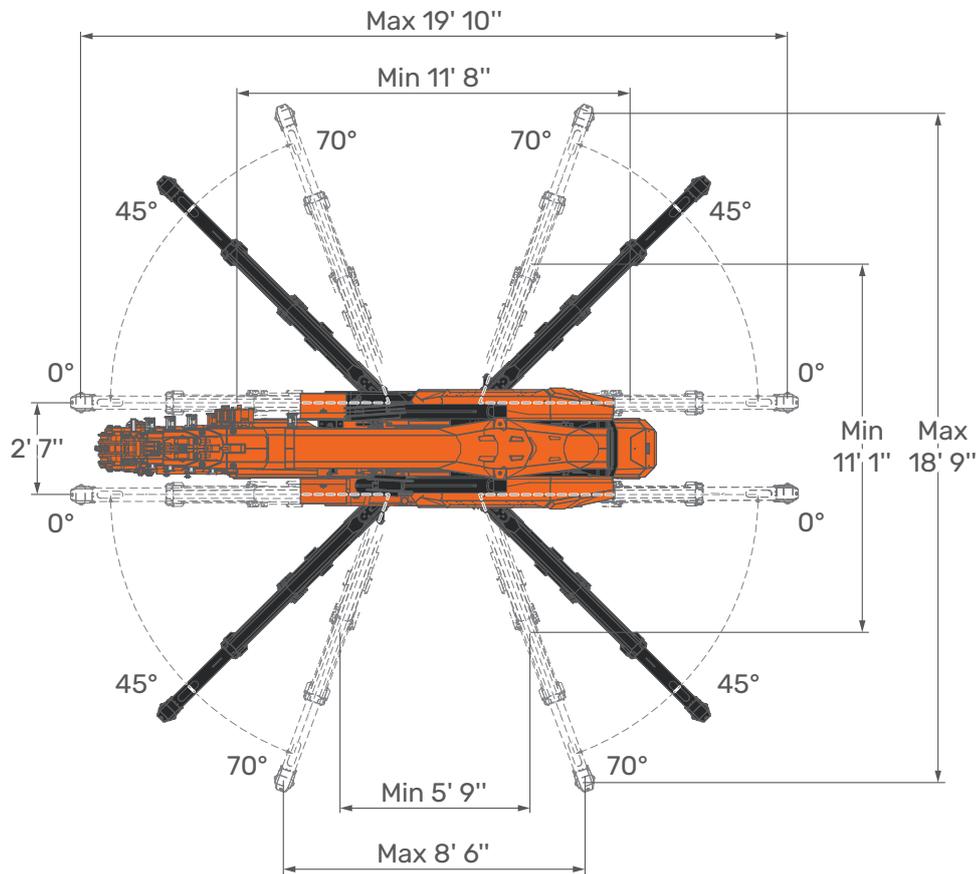


ROPE



| | | | |
|-------|-------------|----|---------|
| WINCH | W800.80-2 | ft | 239' 6" |
| | W800.85-P-2 | | 254' 3" |

STABILITY AREAS



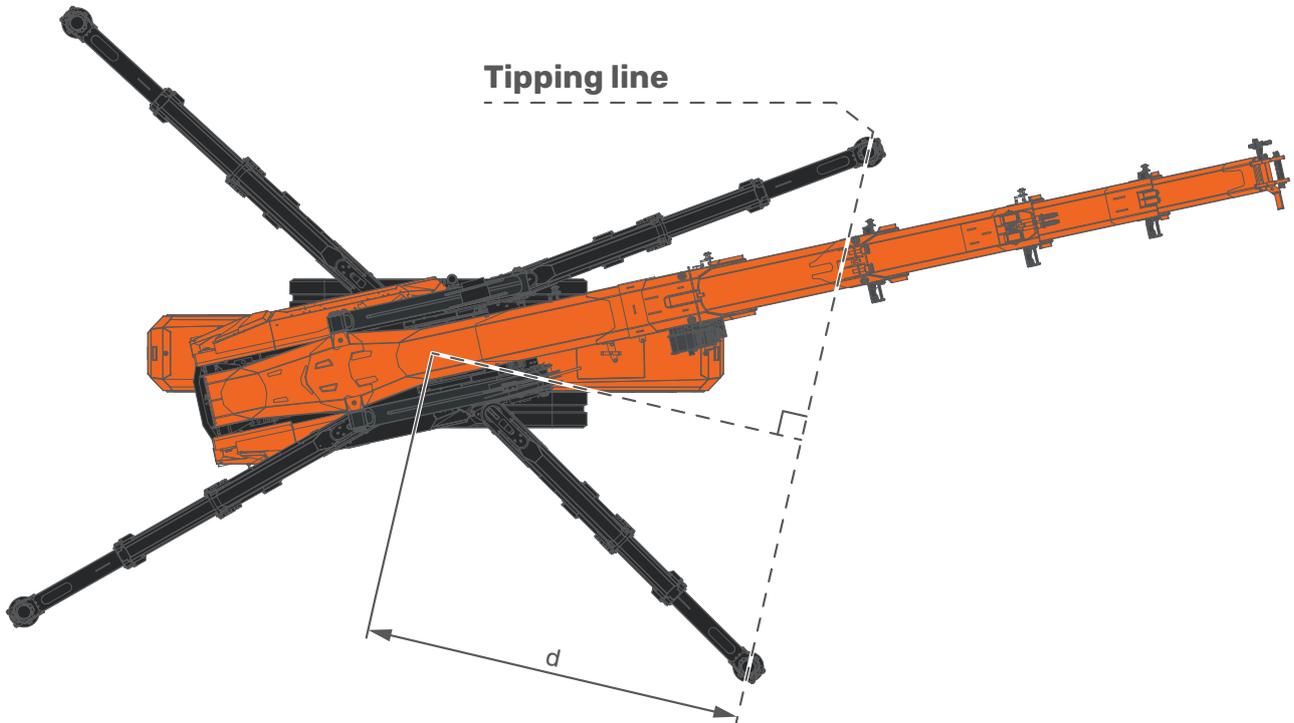
[ft]

SPX650

Tipping line - Load chart selection

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TIPPING LINE



LOAD CHART SELECTION

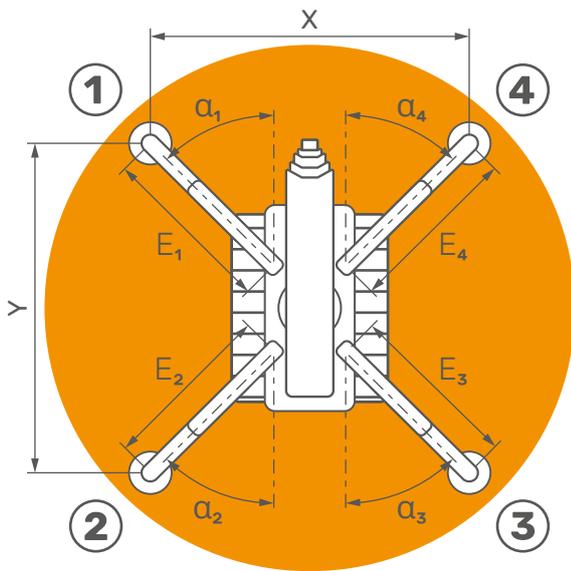
| | d = 3' 7" | d = 4' 5" | d = 5' 6" | d = 6' 1" | d = 7' 3" | d = 8' 6" |
|---------------------------------|------------------------------|-----------|-----------|-----------|-----------|-----------|
| LOAD CHART | | | | | | J7 |
| | | | | | J6 | |
| | | | | J5 | | |
| | | | | J4 | | |
| | | | J3 | | | |
| | | J2 | | | | |
| | J1 - PICK & CARRY | | | | | |
| J0 - No LIFTING CAPACITY | | | | | | |

STABILITY AREA

| LOAD CHART | FUNCTION |
|------------|---------------------|
| J2-J7 | Crane Stabilized |
| J1 | Pick & Carry |
| J0 | No Lifting Capacity |

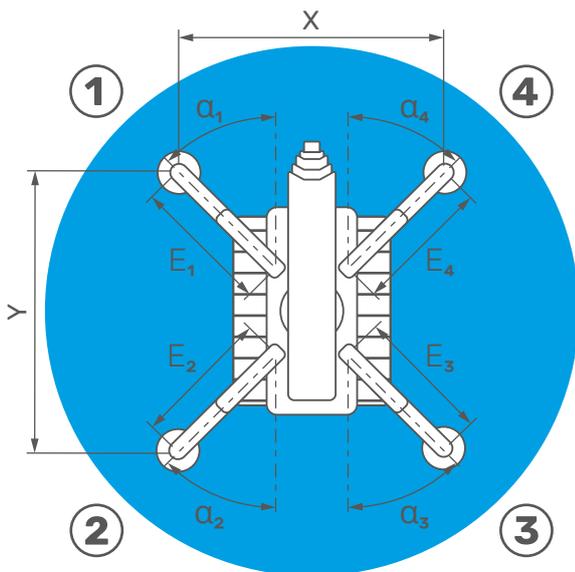
CRANE PERFORMANCE

STABILITY EXAMPLES



FULLY SYMMETRIC STABILITY

| FOOTPRINT DIMENSIONS | X | 14' 9" |
|----------------------|------------|--------|
| OUTRIGGERS ANGLE | α_1 | 45° |
| OUTRIGGERS EXTENSION | α_2 | 45° |
| | α_3 | 45° |
| | α_4 | 45° |
| | E_1 | 8' 6" |
| | E_2 | 8' 6" |
| | E_3 | 8' 6" |
| | E_4 | 8' 6" |
| | J6 | 360° |



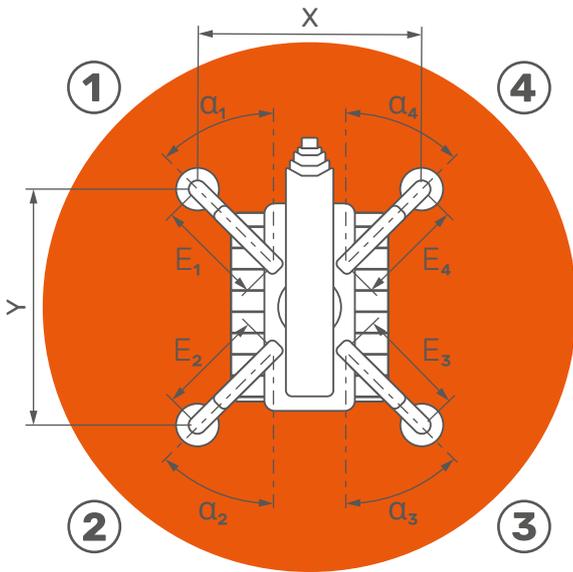
FULLY SYMMETRIC STABILITY

| FOOTPRINT DIMENSIONS | X | 11' 10" |
|----------------------|------------|---------|
| OUTRIGGERS ANGLE | Y | 11' 10" |
| OUTRIGGERS EXTENSION | α_1 | 45° |
| | α_2 | 45° |
| | α_3 | 45° |
| | α_4 | 45° |
| | E_1 | 6' 7" |
| | E_2 | 6' 7" |
| | E_3 | 6' 7" |
| | E_4 | 6' 7" |
| | J4 | 360° |

SPX650

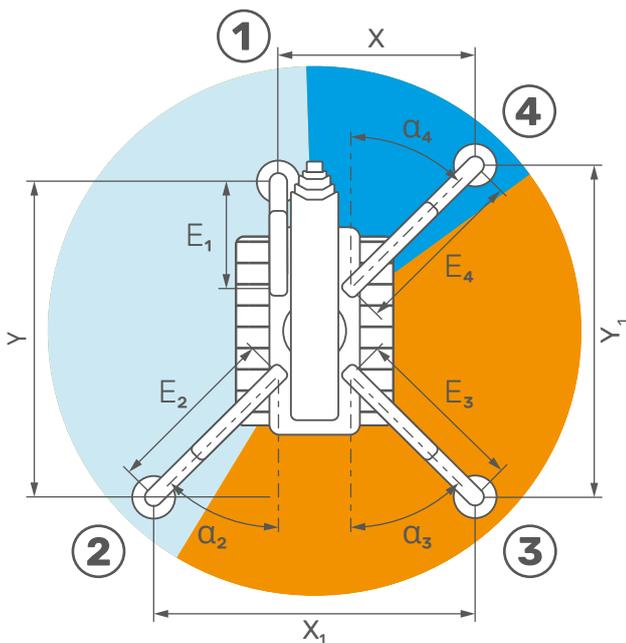
Stability examples

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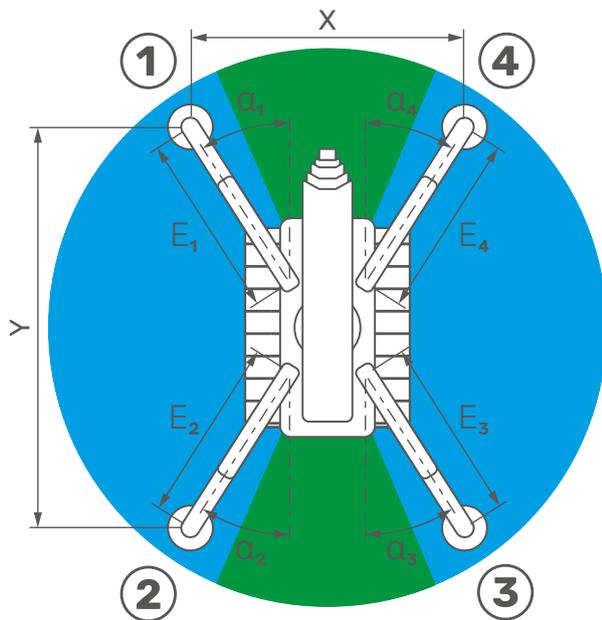
FULLY SYMMETRIC STABILITY

| FOOTPRINT DIMENSIONS | X | 9' 2" |
|----------------------|------------|-------|
| OUTRIGGERS ANGLE | α_1 | 45° |
| Y | 9' 2" | |
| α_2 | 45° | |
| α_3 | 45° | |
| α_4 | 45° | |
| OUTRIGGERS EXTENSION | E_1 | 4' 7" |
| E_2 | 4' 7" | |
| E_3 | 4' 7" | |
| E_4 | 4' 7" | |
| J3 | | 360° |



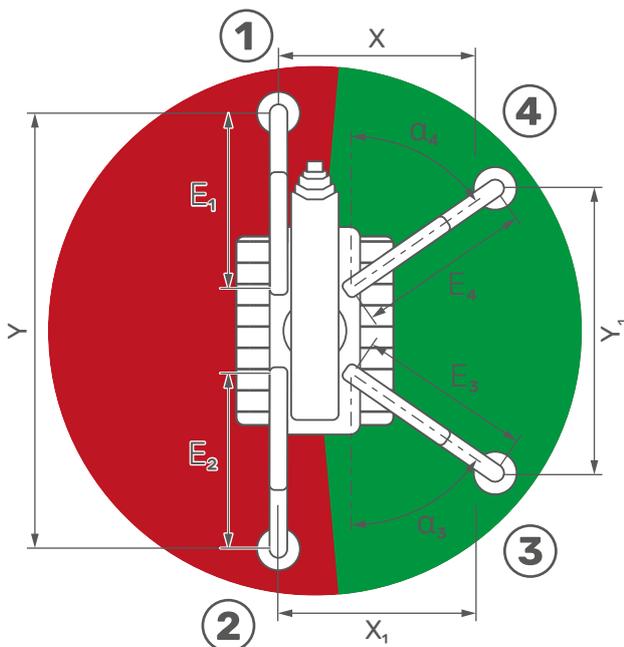
FULLY SYMMETRIC STABILITY

| FOOTPRINT DIMENSIONS | X | 8' 10" |
|----------------------|------------|--------|
| OUTRIGGERS ANGLE | α_1 | 0° |
| X_1 | 14' 9" | |
| Y | 13' 1" | |
| Y_1 | 14' 9" | |
| α_2 | 45° | |
| α_3 | 45° | |
| α_4 | 45° | |
| OUTRIGGERS EXTENSION | E_1 | 4' 7" |
| E_2 | 8' 6" | |
| E_3 | 8' 6" | |
| E_4 | 8' 6" | |
| J2 | | 146° |
| J4 | | 58° |
| J6 | | 156° |



FULLY SYMMETRIC STABILITY

| OUTRIGGERS DIMENSIONS | | |
|-----------------------|---------|--|
| X | 12' 2" | |
| Y | 17' 5" | |
| OUTRIGGERS ANGLE | | |
| α_1 | 32° | |
| α_2 | 32° | |
| α_3 | 32° | |
| α_4 | 32° | |
| OUTRIGGERS EXTENSION | | |
| E_1 | 8' 6" | |
| E_2 | 8' 6" | |
| E_3 | 8' 6" | |
| E_4 | 8' 6" | |
| J4 | 2x 136° | |
| J7 | 2x 44° | |



FULLY SYMMETRIC STABILITY

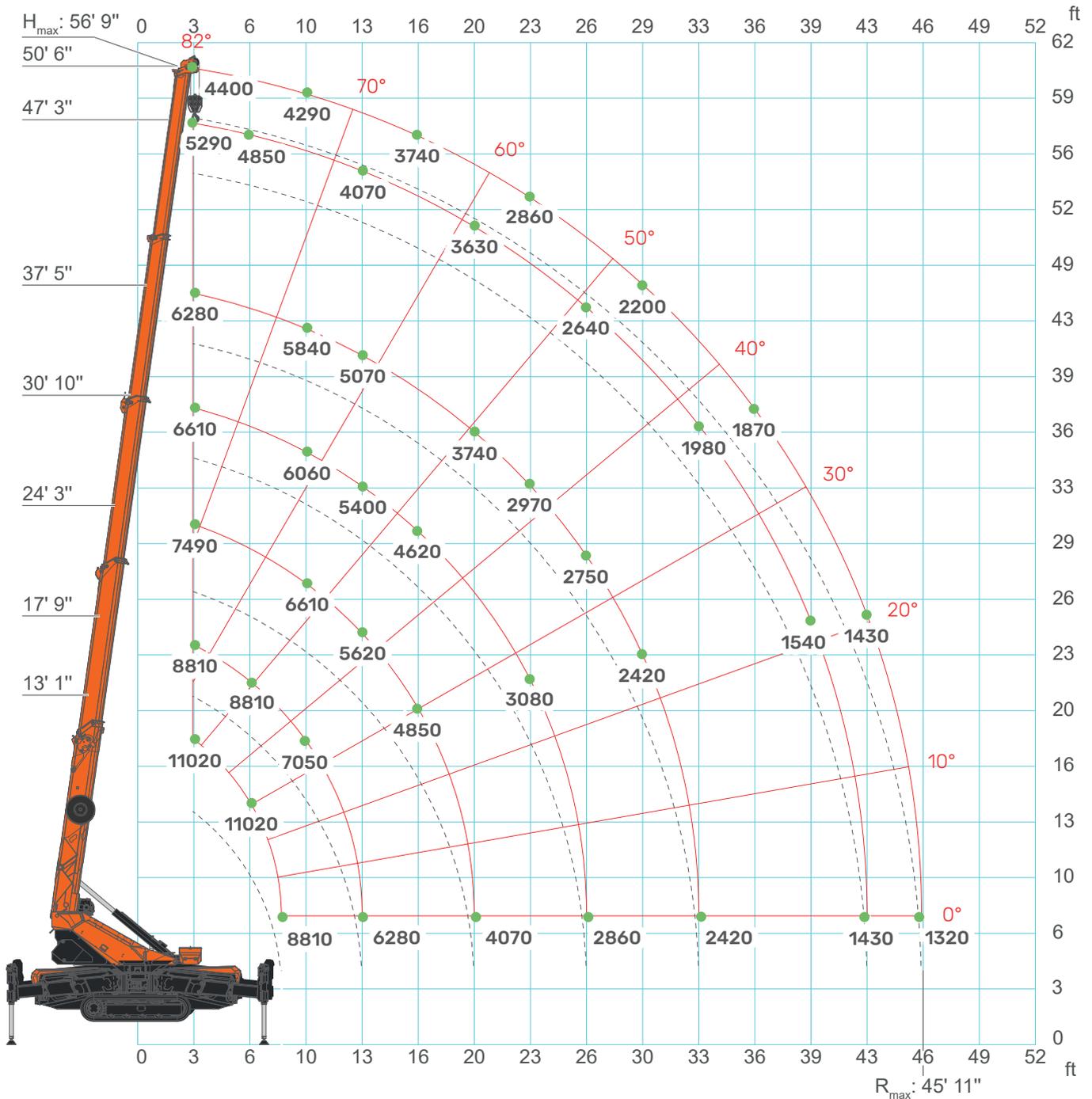
| OUTRIGGERS DIMENSIONS | | |
|-----------------------|---------|--|
| X | 9' 10" | |
| X_1 | 9' 10" | |
| Y | 19' 8" | |
| Y_1 | 11' 10" | |
| OUTRIGGERS ANGLE | | |
| α_1 | 0° | |
| α_2 | 0° | |
| α_3 | 58° | |
| α_4 | 58° | |
| OUTRIGGERS EXTENSION | | |
| E_1 | 8' 6" | |
| E_2 | 8' 6" | |
| E_3 | 8' 6" | |
| E_4 | 8' 6" | |
| J0 | 195° | |
| J7 | 165° | |

SPX650

Main boom load chart

09.05.2025 | REV.2.0

MAIN BOOM





CRANE PERFORMANCE: J7

| L [ft]→ | 13' 1" | 13' 3" | 17' 9" | 20' 12" | 24' 3" | 27' 7" | 30' 10" | 34' 1" | 37' 5" | 40' 8" | 47' 3" | 50' 6" |
|---------|--------|---|--------|---------|--------|--------|---------|--------|--------|--------|--------|--------|
| 3' 3" | 11020 | 8810 | 8810 | 8150 | 7490 | 6610 | 6610 | 6390 | 6280 | 6170 | 5290 | 4400 |
| 6' 7" | 11020 | 8810 | 8810 | 7710 | 7050 | 6390 | 6390 | 6170 | 6060 | 5950 | 4850 | 4290 |
| 9' 10" | 8810 | 8810 | 7050 | 6830 | 6610 | 6170 | 6060 | 5950 | 5840 | 5070 | 4620 | 4180 |
| 13' 1" | | | 6280 | 5730 | 5620 | 5510 | 5400 | 5290 | 5070 | 4400 | 4070 | 3960 |
| 16' 5" | | | | 5290 | 4850 | 4730 | 4620 | 4400 | 4290 | 4180 | 3850 | 3740 |
| 19' 8" | | | | | 4070 | 3850 | 3740 | 3740 | 3740 | 3740 | 3630 | 3190 |
| 22' 12" | | | | | | 3190 | 3080 | 3080 | 2970 | 2970 | 2860 | 2860 |
| 26' 3" | | | | | | | 2860 | 2750 | 2750 | 2640 | 2640 | 2640 |
| 29' 6" | | | | | | | | 2640 | 2420 | 2310 | 2200 | 2200 |
| 32' 10" | | | | | | | | | 2420 | 2200 | 1980 | 1980 |
| 36' 1" | | | | | | | | | | 1870 | 1870 | 1870 |
| 42' 8" | | | | | | | | | | | 1430 | 1430 |
| 45' 7" | | | | | | | | | | | | 1320 |
| ↑R[ft] | [lb] | LC650_V3050223_C0J7 - LC650_V3050223_C1J7 | | | | | | | | | | |

CRANE PERFORMANCE: J6

| L [ft]→ | 13' 1" | 13' 3" | 17' 9" | 20' 12" | 24' 3" | 27' 7" | 30' 10" | 34' 1" | 37' 5" | 40' 8" | 47' 3" | 50' 6" |
|---------|--------|---|--------|---------|--------|--------|---------|--------|--------|--------|--------|--------|
| 3' 3" | 11020 | 8810 | 8810 | 8150 | 7490 | 6610 | 6610 | 6390 | 6280 | 6170 | 5290 | 4400 |
| 6' 7" | 11020 | 8810 | 8810 | 7710 | 7050 | 6390 | 6390 | 6170 | 6060 | 5950 | 4850 | 4290 |
| 9' 10" | 8810 | 8810 | 7050 | 6830 | 6610 | 6170 | 6060 | 5950 | 5840 | 5070 | 4620 | 4180 |
| 13' 1" | | | 6280 | 5730 | 5620 | 5510 | 5400 | 5290 | 5070 | 4400 | 4070 | 3960 |
| 16' 5" | | | | 5290 | 4850 | 4730 | 4620 | 4400 | 4290 | 4180 | 3850 | 3740 |
| 19' 8" | | | | | 4070 | 3850 | 3740 | 3740 | 3740 | 3740 | 3630 | 3190 |
| 22' 12" | | | | | | 3190 | 3080 | 3080 | 2970 | 2970 | 2860 | 2860 |
| 26' 3" | | | | | | | 2640 | 2530 | 2530 | 2420 | 2420 | 2420 |
| 29' 6" | | | | | | | | 2200 | 2160 | 2090 | 2090 | 2070 |
| 32' 10" | | | | | | | | | 1890 | 1850 | 1800 | 1800 |
| 36' 1" | | | | | | | | | | 1540 | 1540 | 1540 |
| 42' 8" | | | | | | | | | | | 1210 | 1210 |
| 45' 7" | | | | | | | | | | | | 1050 |
| ↑R[ft] | [lb] | LC650_V3050223_C0J6 - LC650_V3050223_C1J6 | | | | | | | | | | |

SPX650

Main boom load tables

09.05.2025 | REV2.0

CRANE PERFORMANCE: J5

| L [ft]→ | 13' 1" | 13' 3" | 17' 9" | 20' 12" | 24' 3" | 27' 7" | 30' 10" | 34' 1" | 37' 5" | 40' 8" | 47' 3" | 50' 6" |
|---------|--------|---|--------|---------|--------|--------|---------|--------|--------|--------|--------|--------|
| 3' 3" | 11020 | 8810 | 8810 | 8150 | 7490 | 6610 | 6610 | 6390 | 6280 | 6170 | 5290 | 4400 |
| 6' 7" | 11020 | 8810 | 8810 | 7710 | 7050 | 6390 | 6390 | 6170 | 6060 | 5950 | 4850 | 4290 |
| 9' 10" | 7710 | 7710 | 7050 | 6830 | 6610 | 6170 | 6060 | 5950 | 5840 | 5070 | 4620 | 4180 |
| 13' 1" | | | 5950 | 5730 | 5620 | 5510 | 5400 | 5290 | 5070 | 4400 | 4070 | 3960 |
| 16' 5" | | | | 5070 | 4850 | 4730 | 4620 | 4400 | 4290 | 4180 | 3850 | 3740 |
| 19' 8" | | | | | 3630 | 3630 | 3630 | 3630 | 3300 | 3300 | 3080 | 3080 |
| 22' 12" | | | | | | 2750 | 2750 | 2750 | 2750 | 2640 | 2640 | 2640 |
| 26' 3" | | | | | | | 2200 | 2200 | 2200 | 2200 | 2200 | 2200 |
| 29' 6" | | | | | | | | 1760 | 1760 | 1760 | 1760 | 1760 |
| 32' 10" | | | | | | | | | 1430 | 1430 | 1430 | 1430 |
| 36' 1" | | | | | | | | | | 1190 | 1190 | 1190 |
| 42' 8" | | | | | | | | | | | 880 | 880 |
| 45' 7" | | | | | | | | | | | | 660 |
| ↑R[ft] | [lb] | LC650_V3050223_C0J5 - LC650_V3050223_C1J5 | | | | | | | | | | |

CRANE PERFORMANCE: J4

| L [ft]→ | 13' 1" | 13' 3" | 17' 9" | 20' 12" | 24' 3" | 27' 7" | 30' 10" | 34' 1" | 37' 5" | 40' 8" | 47' 3" | 50' 6" |
|---------|--------|---|--------|---------|--------|--------|---------|--------|--------|--------|--------|--------|
| 3' 3" | 11020 | 8810 | 8810 | 8150 | 7490 | 6610 | 6610 | 6390 | 6280 | 6170 | 5290 | 4400 |
| 6' 7" | 11020 | 8810 | 8810 | 7710 | 7050 | 6390 | 6390 | 6170 | 6060 | 5950 | 4850 | 4290 |
| 9' 10" | 7710 | 7050 | 7050 | 6830 | 6610 | 6170 | 6060 | 5950 | 5840 | 5070 | 4620 | 4180 |
| 13' 1" | | | 5950 | 5730 | 5620 | 5510 | 5400 | 5290 | 5070 | 4400 | 4070 | 3960 |
| 16' 5" | | | | 3850 | 3850 | 3850 | 3850 | 3850 | 3850 | 3630 | 3410 | 3300 |
| 19' 8" | | | | | 2860 | 2860 | 2860 | 2860 | 2750 | 2750 | 2640 | 2640 |
| 22' 12" | | | | | | 2200 | 2200 | 2200 | 2200 | 2200 | 2200 | 2200 |
| 26' 3" | | | | | | | 1760 | 1760 | 1760 | 1760 | 1760 | 1760 |
| 29' 6" | | | | | | | | 1410 | 1410 | 1410 | 1410 | 1410 |
| 32' 10" | | | | | | | | | 1100 | 1100 | 1100 | 1100 |
| 36' 1" | | | | | | | | | | 880 | 880 | 880 |
| 42' 8" | | | | | | | | | | | 520 | 520 |
| 45' 7" | | | | | | | | | | | | 390 |
| ↑R[ft] | [lb] | LC650_V3050223_C0J4 - LC650_V3050223_C1J4 | | | | | | | | | | |



CRANE PERFORMANCE: J3

| L [ft]→ | 13' 1" | 13' 3" | 17' 9" | 20' 12" | 24' 3" | 27' 7" | 30' 10" | 34' 1" | 37' 5" | 40' 8" | 47' 3" | 50' 6" |
|---------|--------|---|--------|---------|--------|--------|---------|--------|--------|--------|--------|--------|
| 3' 3" | 11020 | 8810 | 8810 | 8150 | 7490 | 6610 | 5950 | 5510 | 5510 | 5290 | 4180 | 3740 |
| 6' 7" | 11020 | 8810 | 8810 | 7710 | 6610 | 6170 | 5730 | 5290 | 5070 | 5070 | 3960 | 3520 |
| 9' 10" | 6610 | 6170 | 6170 | 5730 | 5290 | 5070 | 5070 | 4850 | 4850 | 4400 | 3740 | 3300 |
| 13' 1" | | | 4400 | 4400 | 4180 | 3960 | 3960 | 3740 | 3520 | 3520 | 3300 | 3080 |
| 16' 5" | | | | 2970 | 2970 | 2970 | 2860 | 2860 | 2860 | 2750 | 2750 | 2750 |
| 19' 8" | | | | | 2200 | 2200 | 2200 | 2200 | 1980 | 1980 | 1870 | 1870 |
| 22' 12" | | | | | | 1540 | 1540 | 1540 | 1540 | 1540 | 1540 | 1540 |
| 26' 3" | | | | | | | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 |
| 29' 6" | | | | | | | | 880 | 880 | 880 | 880 | 880 |
| 32' 10" | | | | | | | | | 660 | 660 | 660 | 660 |
| 36' 1" | | | | | | | | | | 440 | 440 | 440 |
| ^R[ft] | [lb] | LC650_V3050223_C0J3 - LC650_V3050223_C1J3 | | | | | | | | | | |

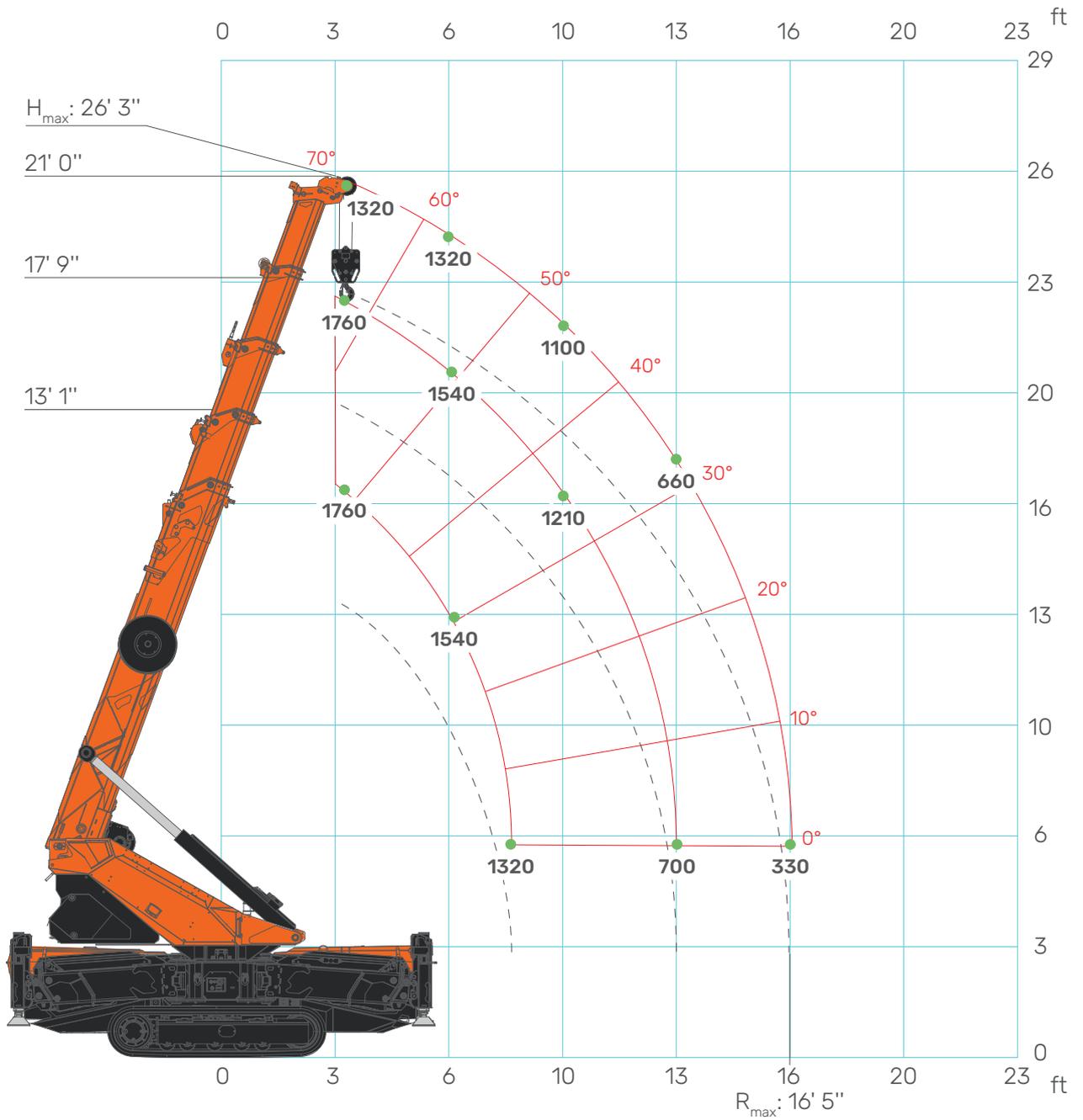
CRANE PERFORMANCE: J2

| L [ft]→ | 13' 1" | 13' 3" | 17' 9" | 20' 12" | 24' 3" | 27' 7" | 30' 10" | 34' 1" | 37' 5" | 40' 8" | 47' 3" | 50' 6" |
|---------|--------|---|--------|---------|--------|--------|---------|--------|--------|--------|--------|--------|
| 3' 3" | 11020 | 6610 | 6610 | 4400 | 4400 | 4400 | 3300 | 3300 | 3300 | 2860 | 2640 | 2640 |
| 6' 7" | 8810 | 4400 | 4400 | 3300 | 2640 | 2640 | 2640 | 2640 | 2640 | 2200 | 2200 | 2200 |
| 9' 10" | 4400 | 3300 | 3300 | 2640 | 2200 | 2200 | 2200 | 2200 | 2200 | 1980 | 1760 | 1760 |
| 13' 1" | | | 2200 | 2090 | 1980 | 1760 | 1760 | 1760 | 1540 | 1540 | 1320 | 1320 |
| 16' 5" | | | | 1980 | 1760 | 1540 | 1540 | 1540 | 1430 | 1430 | 1320 | 1210 |
| 19' 8" | | | | | 1540 | 1430 | 1430 | 1320 | 1320 | 1210 | 1100 | 880 |
| 22' 12" | | | | | | 1100 | 880 | 880 | 880 | 770 | 770 | 660 |
| 26' 3" | | | | | | | 830 | 660 | 660 | 660 | 550 | 480 |
| 29' 6" | | | | | | | | 660 | 610 | 550 | 480 | 440 |
| 32' 10" | | | | | | | | | 440 | 330 | 330 | 330 |
| 36' 1" | | | | | | | | | | 330 | 220 | 220 |
| ^R[ft] | [lb] | LC650_V3050223_C0J2 - LC650_V3050223_C1J2 | | | | | | | | | | |

SPX650

Main boom load chart - Pick & Carry

09.05.2025 | REV.2.0



CRANE PERFORMANCE: J1
(Pick & Carry)

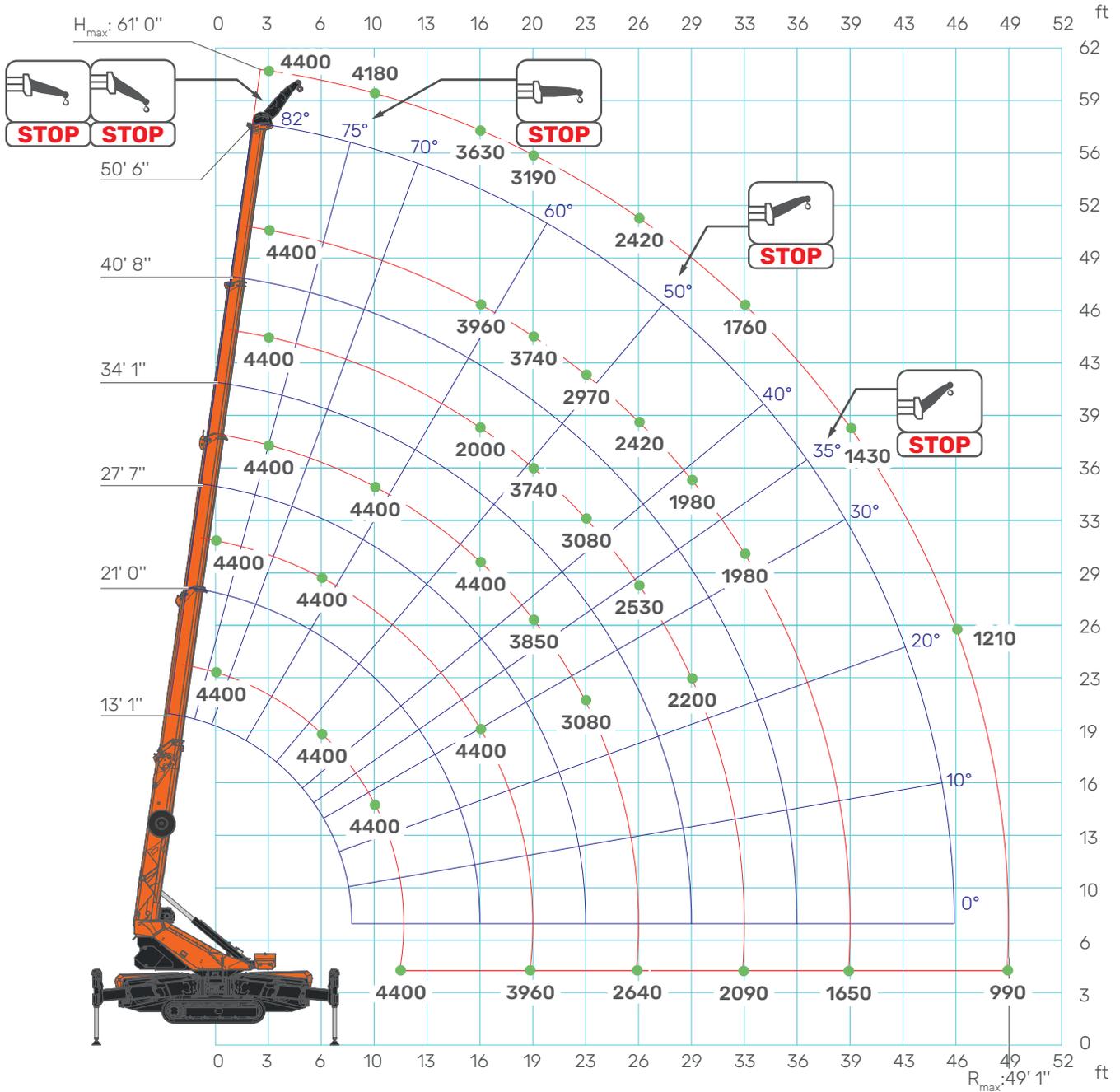
| L [ft]→ | 13' 1" | 17' 9" | 20' 12" |
|---------|--------|--|---------|
| 3' 3" | 1760 | 1760 | 1320 |
| 6' 7" | 1540 | 1540 | 1320 |
| 9' 10" | 1320 | 1210 | 1100 |
| 13' 1" | | 700 | 660 |
| 16' 5" | | | 330 |
| ↑R[ft] | [lb] | LC650_V3050223_C0J1 LC650_V3050223_C1J1 | |

SPX650

JIB2000GX load chart

09.05.2025 | REV.2.0

JIB2000GX



*The word "STOP" stands for the maximum working angle of the main boom for the displayed jib configuration.

CRANE PERFORMANCE: J7

| L [ft]→ | 13' 1" | 17' 9" | 20' 12" | 24' 3" | 27' 7" | 30' 10" | 34' 1" | 37' 5" | 40' 8" | 47' 3" | 50' 6" |
|---------|--------|---------------------|---------|--------|--------|---------|--------|--------|--------|--------|--------|
| 3' 3" | 4400 | 4400 | 4400 | 4400 | 4400 | 4400 | 4400 | 4400 | 4400 | 4400 | 4400 |
| 6' 7" | 4400 | 4400 | 4400 | 4400 | 4400 | 4400 | 4400 | 4400 | 4400 | 4400 | 4290 |
| 9' 10" | 4400 | 4400 | 4400 | 4400 | 4400 | 4400 | 4400 | 4400 | 4400 | 4400 | 4180 |
| 13' 1" | 4400 | 4400 | 4400 | 4400 | 4400 | 4400 | 4400 | 4400 | 4400 | 4070 | 3960 |
| 16' 5" | | 4400 | 4400 | 4400 | 4400 | 4400 | 4400 | 4180 | 3960 | 3740 | 3630 |
| 19' 8" | | | 3960 | 3960 | 3850 | 3740 | 3740 | 3740 | 3740 | 3630 | 3190 |
| 22' 12" | | | | 3080 | 3080 | 3080 | 3080 | 2970 | 2970 | 2860 | 2860 |
| 26' 3" | | | | | 2640 | 2640 | 2530 | 2530 | 2420 | 2420 | 2420 |
| 29' 6" | | | | | | 2200 | 2200 | 1980 | 1980 | 1980 | 1980 |
| 32' 10" | | | | | | | 2090 | 1980 | 1980 | 1980 | 1760 |
| 36' 1" | | | | | | | | 1980 | 1980 | 1760 | 1540 |
| 39' 4" | | | | | | | | | 1650 | 1650 | 1430 |
| 45' 11" | | | | | | | | | | 1210 | 1210 |
| 48' 11" | | | | | | | | | | | 990 |
| ↑R[ft] | [lb] | LC650_V3050223_C8J7 | | | | | | | | | |

CRANE PERFORMANCE: J6

| L [ft]→ | 13' 1" | 17' 9" | 20' 12" | 24' 3" | 27' 7" | 30' 10" | 34' 1" | 37' 5" | 40' 8" | 47' 3" | 50' 6" |
|---------|--------|---------------------|---------|--------|--------|---------|--------|--------|--------|--------|--------|
| 3' 3" | 4400 | 4400 | 4400 | 4400 | 4400 | 4400 | 4400 | 4400 | 4400 | 4400 | 4400 |
| 6' 7" | 4400 | 4400 | 4400 | 4400 | 4400 | 4400 | 4400 | 4400 | 4400 | 4400 | 4290 |
| 9' 10" | 4400 | 4400 | 4400 | 4400 | 4400 | 4400 | 4400 | 4400 | 4400 | 4400 | 4180 |
| 13' 1" | 4400 | 4400 | 4400 | 4400 | 4400 | 4400 | 4400 | 4400 | 4400 | 4070 | 3960 |
| 16' 5" | | 4400 | 4400 | 4400 | 4400 | 4400 | 4400 | 4180 | 3960 | 3740 | 3630 |
| 19' 8" | | | 3960 | 3960 | 3850 | 3740 | 3740 | 3740 | 3740 | 3630 | 3190 |
| 22' 12" | | | | 3080 | 3080 | 3080 | 3080 | 2970 | 2970 | 2860 | 2860 |
| 26' 3" | | | | | 2640 | 2640 | 2530 | 2530 | 2420 | 2420 | 2420 |
| 29' 6" | | | | | | 2200 | 2200 | 1980 | 1980 | 1980 | 1980 |
| 32' 10" | | | | | | | 1760 | 1760 | 1760 | 1760 | 1760 |
| 36' 1" | | | | | | | | 1430 | 1430 | 1430 | 1430 |
| 39' 4" | | | | | | | | | 1320 | 1320 | 1320 |
| 45' 11" | | | | | | | | | | 880 | 880 |
| 48' 11" | | | | | | | | | | | 770 |
| ↑R[ft] | [lb] | LC650_V3050223_C8J6 | | | | | | | | | |

CRANE PERFORMANCE: J5

| L [ft]→ | 13' 1" | 17' 9" | 20' 12" | 24' 3" | 27' 7" | 30' 10" | 34' 1" | 37' 5" | 40' 8" | 47' 3" | 50' 6" |
|---------|--------|---------------------|---------|--------|--------|---------|--------|--------|--------|--------|--------|
| 3' 3" | 4400 | 4400 | 4400 | 4400 | 4400 | 4400 | 4400 | 4400 | 4180 | 3740 | 3630 |
| 6' 7" | 4400 | 4400 | 4400 | 4400 | 4400 | 4400 | 4400 | 4400 | 4180 | 3740 | 3630 |
| 9' 10" | 4400 | 4400 | 4400 | 4400 | 4400 | 4400 | 4400 | 4400 | 4180 | 3740 | 3630 |
| 13' 1" | 4400 | 4400 | 4400 | 4400 | 4400 | 4400 | 4400 | 4400 | 4180 | 3740 | 3630 |
| 16' 5" | | 4400 | 4400 | 4400 | 4400 | 4400 | 4180 | 4180 | 3960 | 3740 | 3630 |
| 19' 8" | | | 3300 | 3300 | 3300 | 3300 | 3300 | 3080 | 3080 | 2860 | 2860 |
| 22' 12" | | | | 2640 | 2640 | 2640 | 2640 | 2640 | 2640 | 2640 | 2640 |
| 26' 3" | | | | | 1980 | 1980 | 1980 | 1980 | 1980 | 1980 | 1980 |
| 29' 6" | | | | | | 1650 | 1650 | 1650 | 1650 | 1650 | 1650 |
| 32' 10" | | | | | | | 1320 | 1320 | 1320 | 1320 | 1320 |
| 36' 1" | | | | | | | | 1100 | 1100 | 1100 | 1100 |
| 39' 4" | | | | | | | | | 880 | 880 | 880 |
| 45' 11" | | | | | | | | | | 570 | 570 |
| 48' 11" | | | | | | | | | | | 480 |
| ↑R[ft] | [lb] | LC650_V3050223_C8J5 | | | | | | | | | |

CRANE PERFORMANCE: J4

| L [ft]→ | 13' 1" | 17' 9" | 20' 12" | 24' 3" | 27' 7" | 30' 10" | 34' 1" | 37' 5" | 40' 8" | 47' 3" | 50' 6" |
|---------|--------|---------------------|---------|--------|--------|---------|--------|--------|--------|--------|--------|
| 3' 3" | 4400 | 4400 | 4400 | 4400 | 4400 | 4400 | 4180 | 4180 | 3960 | 3080 | 2640 |
| 6' 7" | 4400 | 4400 | 4400 | 4400 | 4400 | 4400 | 4180 | 4180 | 3960 | 2860 | 2420 |
| 9' 10" | 4400 | 4400 | 4400 | 4400 | 4400 | 4400 | 4180 | 3960 | 3630 | 2640 | 2420 |
| 13' 1" | 4400 | 4400 | 4400 | 4400 | 4400 | 4400 | 3960 | 3960 | 3630 | 2640 | 2420 |
| 16' 5" | | 3960 | 3630 | 3630 | 3410 | 2970 | 2860 | 2860 | 2750 | 2640 | 2420 |
| 19' 8" | | | 2750 | 2640 | 2640 | 2420 | 2420 | 2420 | 2200 | 1980 | 1980 |
| 22' 12" | | | | 2090 | 1980 | 1980 | 1980 | 1980 | 1980 | 1760 | 1760 |
| 26' 3" | | | | | 1650 | 1650 | 1650 | 1540 | 1540 | 1540 | 1430 |
| 29' 6" | | | | | | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 |
| 32' 10" | | | | | | | 1050 | 1050 | 1050 | 1050 | 1050 |
| 36' 1" | | | | | | | | 830 | 830 | 830 | 830 |
| 39' 4" | | | | | | | | | 660 | 660 | 660 |
| 45' 11" | | | | | | | | | | 330 | 330 |
| 48' 11" | | | | | | | | | | | 260 |
| ↑R[ft] | [lb] | LC650_V3050223_C8J4 | | | | | | | | | |



CRANE PERFORMANCE: J3

| L [ft]→ | 13' 1" | 17' 9" | 20' 12" | 24' 3" | 27' 7" | 30' 10" | 34' 1" | 37' 5" | 40' 8" | 47' 3" | 50' 6" |
|---------|--------|---------------------|---------|--------|--------|---------|--------|--------|--------|--------|--------|
| 3' 3" | 4400 | 4400 | 4400 | 4400 | 4400 | 4180 | 3740 | 3520 | 3300 | 2640 | 2420 |
| 6' 7" | 4400 | 4400 | 4400 | 4400 | 4400 | 3740 | 3300 | 3300 | 3080 | 2420 | 2200 |
| 9' 10" | 4400 | 4400 | 4400 | 4400 | 3740 | 3300 | 3080 | 3080 | 2860 | 2310 | 2200 |
| 13' 1" | 3300 | 3300 | 3190 | 3190 | 3080 | 2970 | 2860 | 2750 | 2640 | 2200 | 1980 |
| 16' 5" | | 2640 | 2640 | 2640 | 2640 | 2420 | 2420 | 2200 | 2200 | 1760 | 1540 |
| 19' 8" | | | 1870 | 1870 | 1870 | 1870 | 1760 | 1760 | 1760 | 1540 | 1320 |
| 22' 12" | | | | 1430 | 1430 | 1430 | 1320 | 1320 | 1320 | 1210 | 1100 |
| 26' 3" | | | | | 1100 | 1100 | 1100 | 1100 | 1100 | 880 | 880 |
| 29' 6" | | | | | | 830 | 830 | 790 | 790 | 700 | 700 |
| 32' 10" | | | | | | | 660 | 660 | 660 | 550 | 550 |
| 36' 1" | | | | | | | | 440 | 440 | 440 | 440 |
| 39' 4" | | | | | | | | | 260 | 260 | 260 |
| ↑R[ft] | [lb] | LC650_V3050223_C8J3 | | | | | | | | | |

CRANE PERFORMANCE: J2

| L [ft]→ | 13' 1" | 17' 9" | 20' 12" | 24' 3" | 27' 7" | 30' 10" | 34' 1" | 37' 5" | 40' 8" | 47' 3" | 50' 6" |
|---------|--------|---------------------|---------|--------|--------|---------|--------|--------|--------|--------|--------|
| 3' 3" | 4400 | 4400 | 4400 | 4400 | 4400 | 3300 | 3300 | 3300 | 2860 | 2200 | 1980 |
| 6' 7" | 4400 | 4400 | 3300 | 2640 | 2640 | 2640 | 2640 | 2640 | 2200 | 1980 | 1760 |
| 9' 10" | 4400 | 3300 | 2640 | 2200 | 2200 | 2200 | 2200 | 2200 | 1980 | 1760 | 1540 |
| 13' 1" | 2200 | 2200 | 2090 | 1980 | 1760 | 1760 | 1760 | 1540 | 1540 | 1210 | 1100 |
| 16' 5" | | 1980 | 1980 | 1760 | 1540 | 1540 | 1540 | 1430 | 1430 | 1100 | 990 |
| 19' 8" | | | 1540 | 1540 | 1430 | 1430 | 1320 | 1320 | 1100 | 880 | 660 |
| 22' 12" | | | | 1100 | 1100 | 880 | 880 | 880 | 770 | 660 | 520 |
| 26' 3" | | | | | 830 | 830 | 660 | 660 | 660 | 480 | 390 |
| 29' 6" | | | | | | 590 | 550 | 550 | 550 | 440 | 330 |
| 32' 10" | | | | | | | 330 | 330 | 330 | 260 | 260 |
| 36' 1" | | | | | | | | 220 | 220 | 220 | 220 |
| ↑R[ft] | [lb] | LC650_V3050223_C8J2 | | | | | | | | | |

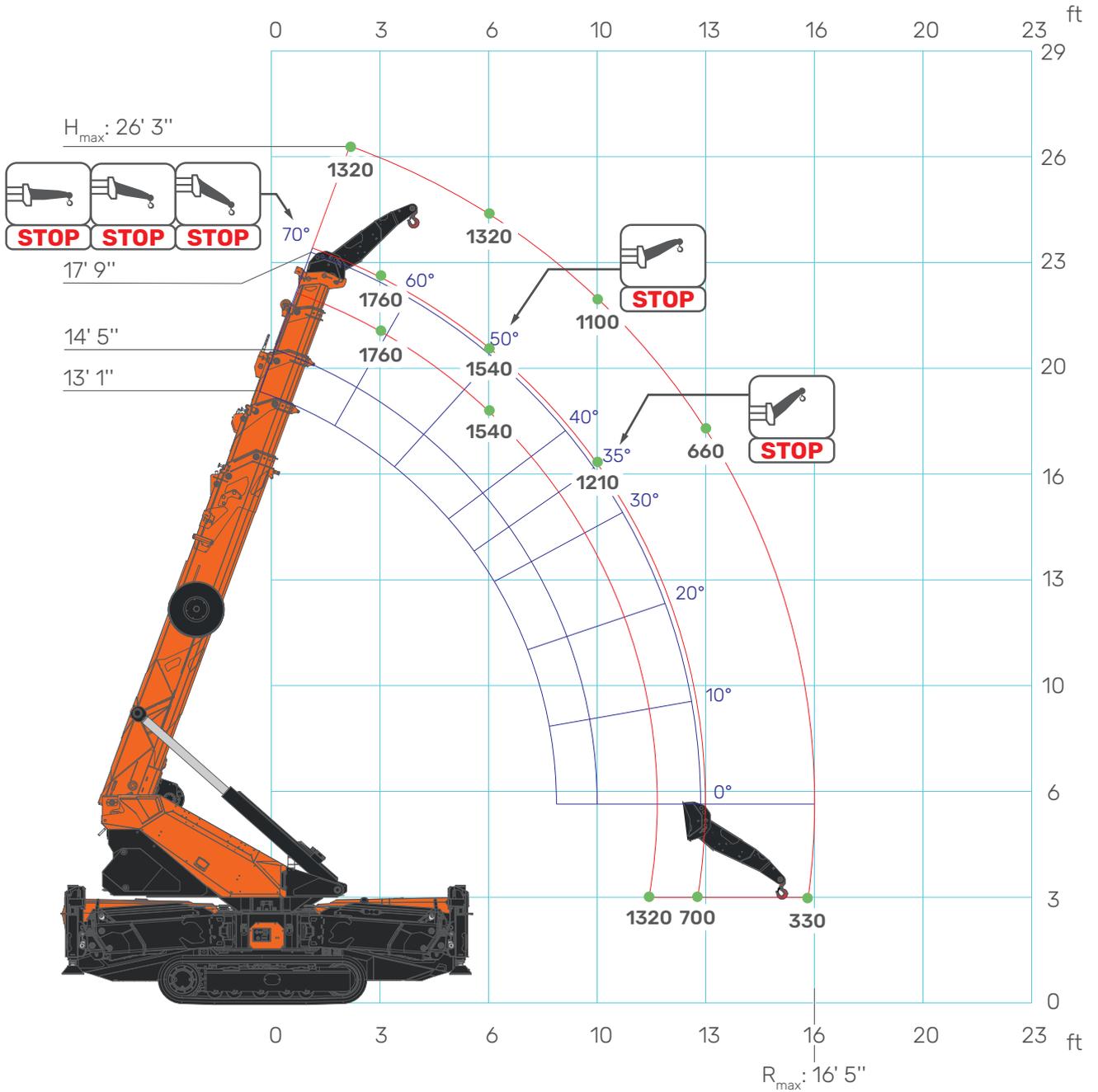
SPX650

JIB2000GX load chart- Pick & Carry

09.05.2025 | REV.2.0



J1

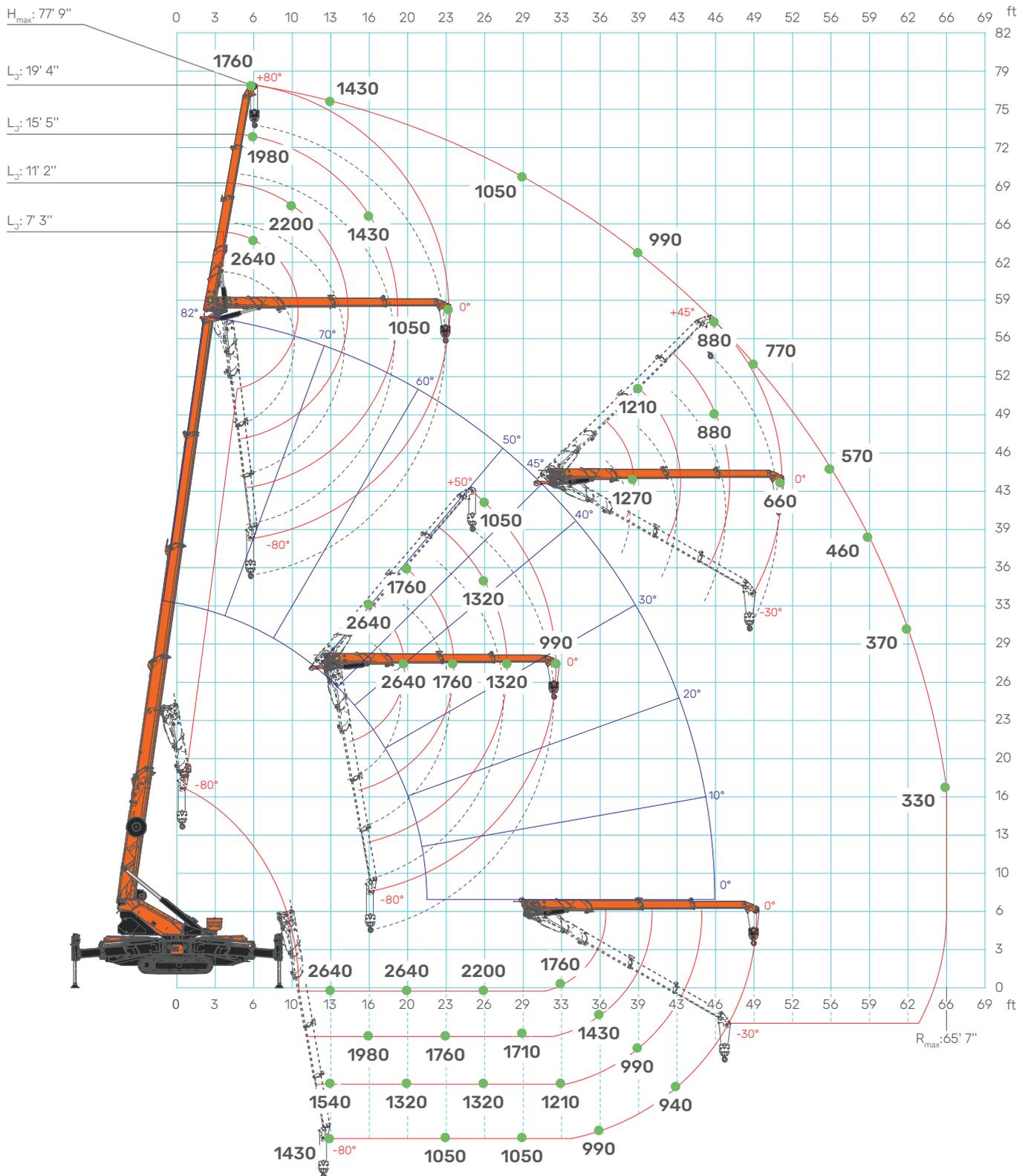


*The word "STOP" stands for the maximum working angle of the main boom for the displayed jib configuration.

[lb]

CRANE PERFORMANCE: J1 (Pick & Carry)

| L [ft]→ | 13' 1" | 14' 5" | 17' 9" |
|---------|--------|---------------------|--------|
| 3' 3" | 1760 | 1760 | 1320 |
| 6' 7" | 1540 | 1540 | 1320 |
| 9' 10" | 1320 | 1210 | 1100 |
| 13' 1" | | 700 | 660 |
| 16' 5" | | | 330 |
| ↑R[ft] | [lb] | LC650_V3050223_C8J1 | |



[lb]

*Over 29' main boom radius, the minimum jib angle is limited at -30°

CRANE PERFORMANCE: J7

| L _j [ft]→ | 7' 3" | 11' 2" | 15' 5" | 19' 4" |
|----------------------|-------|--|--------|--------|
| 3' 3" | 2640 | 2200 | 1980 | 1760 |
| 6' 7" | 2640 | 2200 | 1980 | 1760 |
| 9' 10" | 2640 | 2200 | 1760 | 1650 |
| 13' 1" | 2640 | 2200 | 1540 | 1430 |
| 16' 5" | 2640 | 1980 | 1430 | 1210 |
| 19' 8" | 2640 | 1760 | 1320 | 1050 |
| 22' 12" | 2640 | 1760 | 1320 | 1050 |
| 26' 3" | 2200 | 1760 | 1320 | 1050 |
| 29' 6" | 1980 | 1710 | 1320 | 1050 |
| 32' 10" | 1760 | 1580 | 1210 | 990 |
| 36' 1" | 1430 | 1430 | 1210 | 990 |
| 39' 4" | 1270 | 1210 | 990 | 990 |
| 42' 8" | 1010 | 990 | 990 | 940 |
| 45' 11" | 790 | 880 | 880 | 880 |
| 49' 3" | 610 | 660 | 700 | 770 |
| 52' 6" | 440 | 550 | 610 | 680 |
| 55' 9" | | 440 | 500 | 570 |
| 59' 1" | | | 390 | 460 |
| 62' 4" | | | | 370 |
| 65' 7" | | | | 330 |
| ↑R[ft] | [lb] | LC650_V3050223_C16J7 - LC650_V3050223_C17J7 | | |

CRANE PERFORMANCE: J6

| L _j [ft]→ | 7' 3" | 11' 2" | 15' 5" | 19' 4" |
|----------------------|-------|--|--------|--------|
| 3' 3" | 2640 | 2200 | 1980 | 1760 |
| 6' 7" | 2640 | 2200 | 1980 | 1760 |
| 9' 10" | 2640 | 2200 | 1760 | 1650 |
| 13' 1" | 2640 | 2200 | 1540 | 1430 |
| 16' 5" | 2640 | 1980 | 1430 | 1210 |
| 19' 8" | 2640 | 1760 | 1320 | 1050 |
| 22' 12" | 2640 | 1760 | 1320 | 1050 |
| 26' 3" | 2200 | 1760 | 1320 | 1050 |
| 29' 6" | 1690 | 1650 | 1320 | 1050 |
| 32' 10" | 1270 | 1270 | 1210 | 990 |
| 36' 1" | 940 | 970 | 990 | 990 |
| 39' 4" | 790 | 880 | 920 | 990 |
| 42' 8" | 610 | 660 | 720 | 790 |
| 45' 11" | 440 | 500 | 550 | 610 |
| 49' 3" | 280 | 350 | 440 | 480 |
| 52' 6" | | 260 | 330 | 390 |
| 55' 9" | | | 220 | 280 |
| 59' 1" | | | | 220 |
| ↑R[ft] | [lb] | LC650_V3050223_C16J6 - LC650_V3050223_C17J6 | | |

CRANE PERFORMANCE: J5

| L _j [ft]→ | 7' 3" | 11' 2" | 15' 5" | 19' 4" |
|----------------------|-------|--|--------|--------|
| 3' 3" | 2640 | 2200 | 1980 | 1760 |
| 6' 7" | 2640 | 2200 | 1980 | 1760 |
| 9' 10" | 2640 | 2200 | 1760 | 1540 |
| 13' 1" | 2640 | 2200 | 1320 | 1210 |
| 16' 5" | 2640 | 1980 | 1270 | 1100 |
| 19' 8" | 2420 | 1760 | 1210 | 920 |
| 22' 12" | 1760 | 1760 | 1190 | 920 |
| 26' 3" | 1320 | 1320 | 1140 | 880 |
| 29' 6" | 1030 | 1030 | 990 | 880 |
| 32' 10" | 720 | 720 | 720 | 720 |
| 36' 1" | 480 | 480 | 480 | 480 |
| 39' 4" | 260 | 260 | 260 | 260 |
| ↑R[ft] | [lb] | LC650_V3050223_C16J5 - LC650_V3050223_C17J5 | | |

CRANE PERFORMANCE: J4

| L _j [ft]→ | 7' 3" | 11' 2" | 15' 5" | 19' 4" |
|----------------------|-------|--|--------|--------|
| 3' 3" | 2640 | 2200 | 1760 | 1410 |
| 6' 7" | 2640 | 2200 | 1540 | 1320 |
| 9' 10" | 2640 | 2200 | 1140 | 1100 |
| 13' 1" | 2640 | 2200 | 1050 | 1050 |
| 16' 5" | 2200 | 1980 | 990 | 990 |
| 19' 8" | 1870 | 1760 | 990 | 880 |
| 22' 12" | 1320 | 1320 | 990 | 830 |
| 26' 3" | 1030 | 990 | 880 | 770 |
| 29' 6" | 700 | 700 | 660 | 660 |
| 32' 10" | 440 | 440 | 440 | 440 |
| 36' 1" | 220 | 220 | 220 | 220 |
| ↑R[ft] | [lb] | LC650_V3050223_C16J4 - LC650_V3050223_C17J4 | | |

CRANE PERFORMANCE: J3

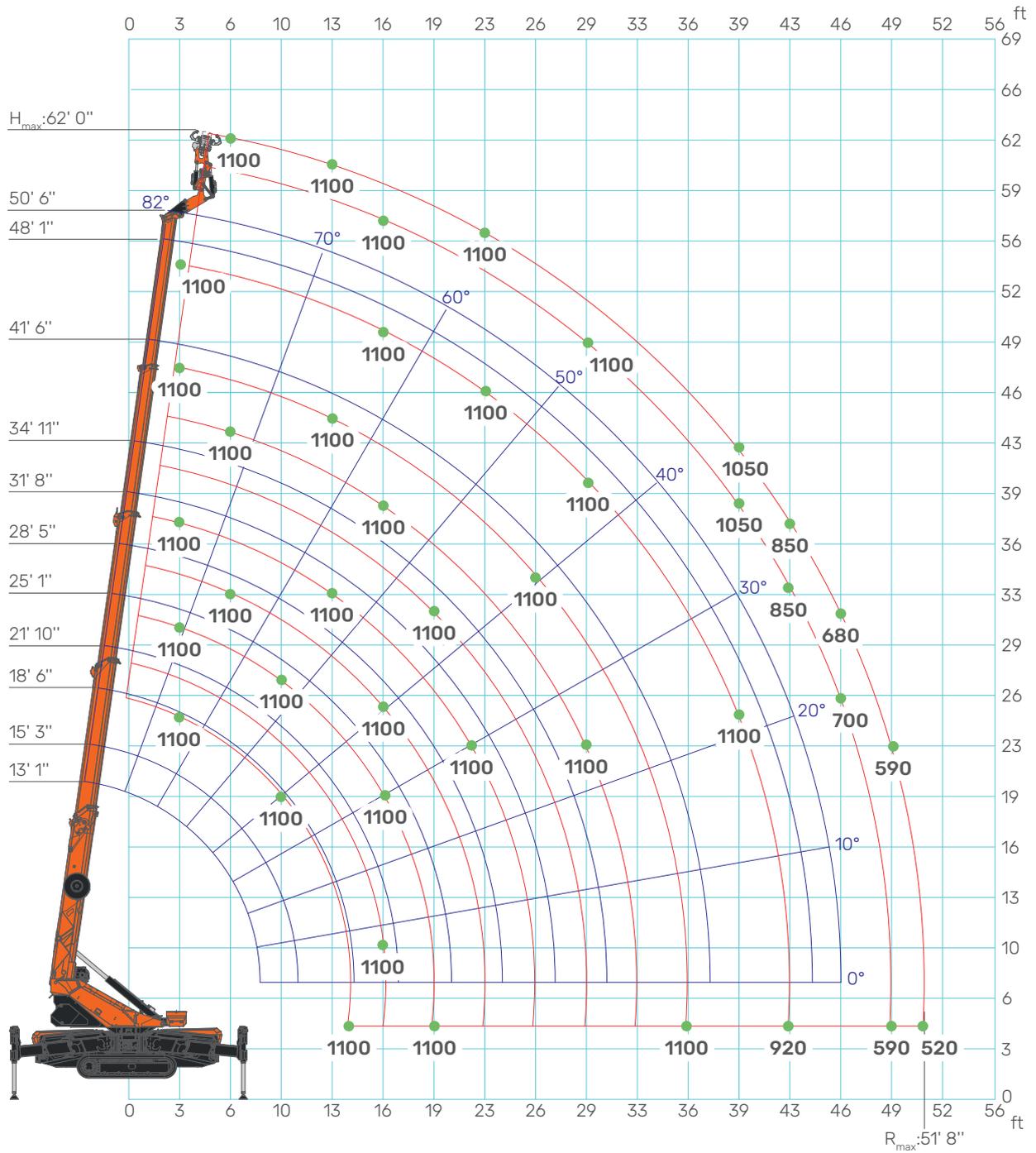
| L _j [ft]→ | 7' 3" | 11' 2" | 15' 5" | 19' 4" |
|----------------------|-------|--|--------|--------|
| 3' 3" | 2640 | 2200 | 1540 | 1210 |
| 6' 7" | 2640 | 2200 | 1340 | 1140 |
| 9' 10" | 2200 | 1980 | 990 | 940 |
| 13' 1" | 1980 | 1540 | 920 | 900 |
| 16' 5" | 1430 | 1100 | 850 | 850 |
| 19' 8" | 920 | 880 | 770 | 740 |
| 22' 12" | 590 | 570 | 550 | 550 |
| 26' 3" | 330 | 330 | 330 | 330 |
| ↑R[ft] | [lb] | LC650_V3050223_C16J3 - LC650_V3050223_C17J3 | | |

SPX650

JIB500GR load chart

09.05.2025 | REV.2.0

JIB500GR





CRANE PERFORMANCE: J7

| L [ft]→ | 13' 1" | 15' 3" | 18' 6" | 21' 10" | 25' 1" | 28' 5" | 31' 8" | 34' 11" | 38' 3" | 41' 6" | 44' 9" | 48' 1" | 50' 6" |
|---------|--------|----------------------|--------|---------|--------|--------|--------|---------|--------|--------|--------|--------|--------|
| 3' 3" | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 |
| 16' 5" | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 |
| 19' 8" | | | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 |
| 22' 12" | | | | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 |
| 26' 3" | | | | | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 |
| 29' 6" | | | | | | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 |
| 32' 10" | | | | | | | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 |
| 36' 1" | | | | | | | | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 |
| 39' 4" | | | | | | | | | 1100 | 1100 | 1050 | 1050 | 1050 |
| 42' 8" | | | | | | | | | | 920 | 880 | 850 | 850 |
| 45' 11" | | | | | | | | | | | 740 | 700 | 680 |
| 49' 3" | | | | | | | | | | | | 590 | 590 |
| 51' 8" | | | | | | | | | | | | | 520 |
| ↑R[ft] | [lb] | LC650_V3050223_C24J7 | | | | | | | | | | | |

CRANE PERFORMANCE: J6

| L [ft]→ | 13' 1" | 15' 3" | 18' 6" | 21' 10" | 25' 1" | 28' 5" | 31' 8" | 34' 11" | 38' 3" | 41' 6" | 44' 9" | 48' 1" | 50' 6" |
|---------|--------|----------------------|--------|---------|--------|--------|--------|---------|--------|--------|--------|--------|--------|
| 3' 3" | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 |
| 16' 5" | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 |
| 19' 8" | | | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 |
| 22' 12" | | | | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 |
| 26' 3" | | | | | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 |
| 29' 6" | | | | | | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 |
| 32' 10" | | | | | | | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 |
| 36' 1" | | | | | | | | 1010 | 970 | 940 | 920 | 920 | 920 |
| 39' 4" | | | | | | | | | 770 | 720 | 700 | 680 | 680 |
| 42' 8" | | | | | | | | | | 570 | 520 | 500 | 500 |
| ↑R[m] | [lb] | LC650_V3050223_C24J6 | | | | | | | | | | | |

SPX650

JIB500GR load tables

09.05.2025 | REV2.0

CRANE PERFORMANCE: J5

| L [ft]→ | 13' 1" | 15' 3" | 18' 6" | 21' 10" | 25' 1" | 28' 5" | 31' 8" | 34' 11" | 38' 3" | 41' 6" | 44' 9" | 48' 1" | 50' 6" |
|---------|--------|----------------------|--------|---------|--------|--------|--------|---------|--------|--------|--------|--------|--------|
| 3' 3" | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 |
| 16' 5" | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 |
| 19' 8" | | | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 |
| 22' 12" | | | | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 |
| 26' 3" | | | | | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 |
| 29' 6" | | | | | | 1100 | 1100 | 1080 | 1050 | 1050 | 1050 | 1030 | 1010 |
| 32' 10" | | | | | | | 850 | 810 | 770 | 770 | 740 | 740 | 740 |
| 36' 1" | | | | | | | | 610 | 570 | 520 | 520 | 520 | 520 |
| ↑R[ft] | [lb] | LC650_V3050223_C24J5 | | | | | | | | | | | |

CRANE PERFORMANCE: J4

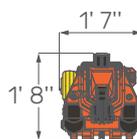
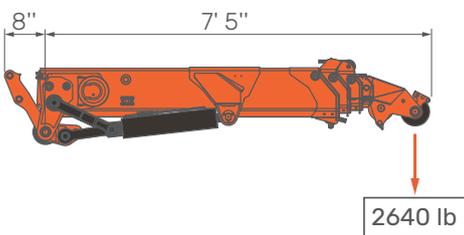
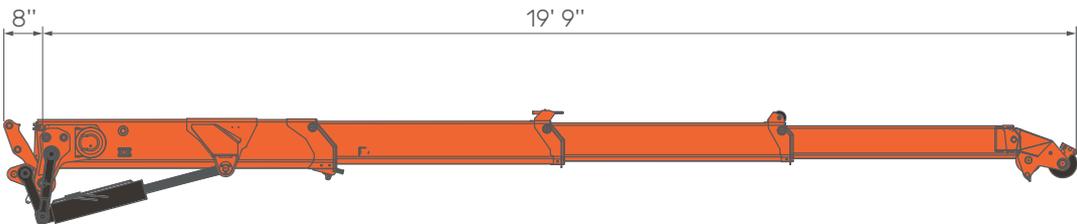
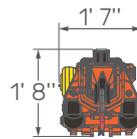
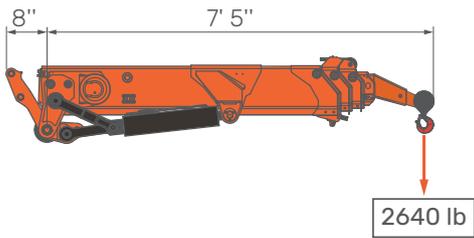
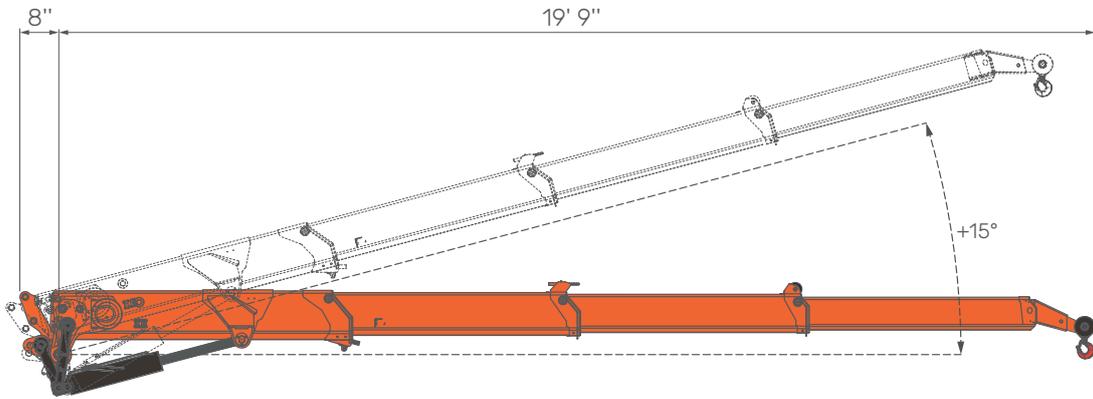
| L [ft]→ | 13' 1" | 15' 3" | 18' 6" | 21' 10" | 25' 1" | 28' 5" | 31' 8" | 34' 11" | 38' 3" | 41' 6" | 44' 9" | 48' 1" | 50' 6" |
|---------|--------|----------------------|--------|---------|--------|--------|--------|---------|--------|--------|--------|--------|--------|
| 3' 3" | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 |
| 16' 5" | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 |
| 19' 8" | | | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 |
| 22' 12" | | | | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 |
| 26' 3" | | | | | 1100 | 1100 | 1100 | 1080 | 1080 | 1080 | 1030 | 990 | 970 |
| 29' 6" | | | | | | 850 | 810 | 770 | 740 | 740 | 740 | 700 | 680 |
| 32' 10" | | | | | | | 590 | 550 | 500 | 500 | 480 | 480 | 480 |
| ↑R[ft] | [lb] | LC650_V3050223_C24J4 | | | | | | | | | | | |

CRANE PERFORMANCE: J3

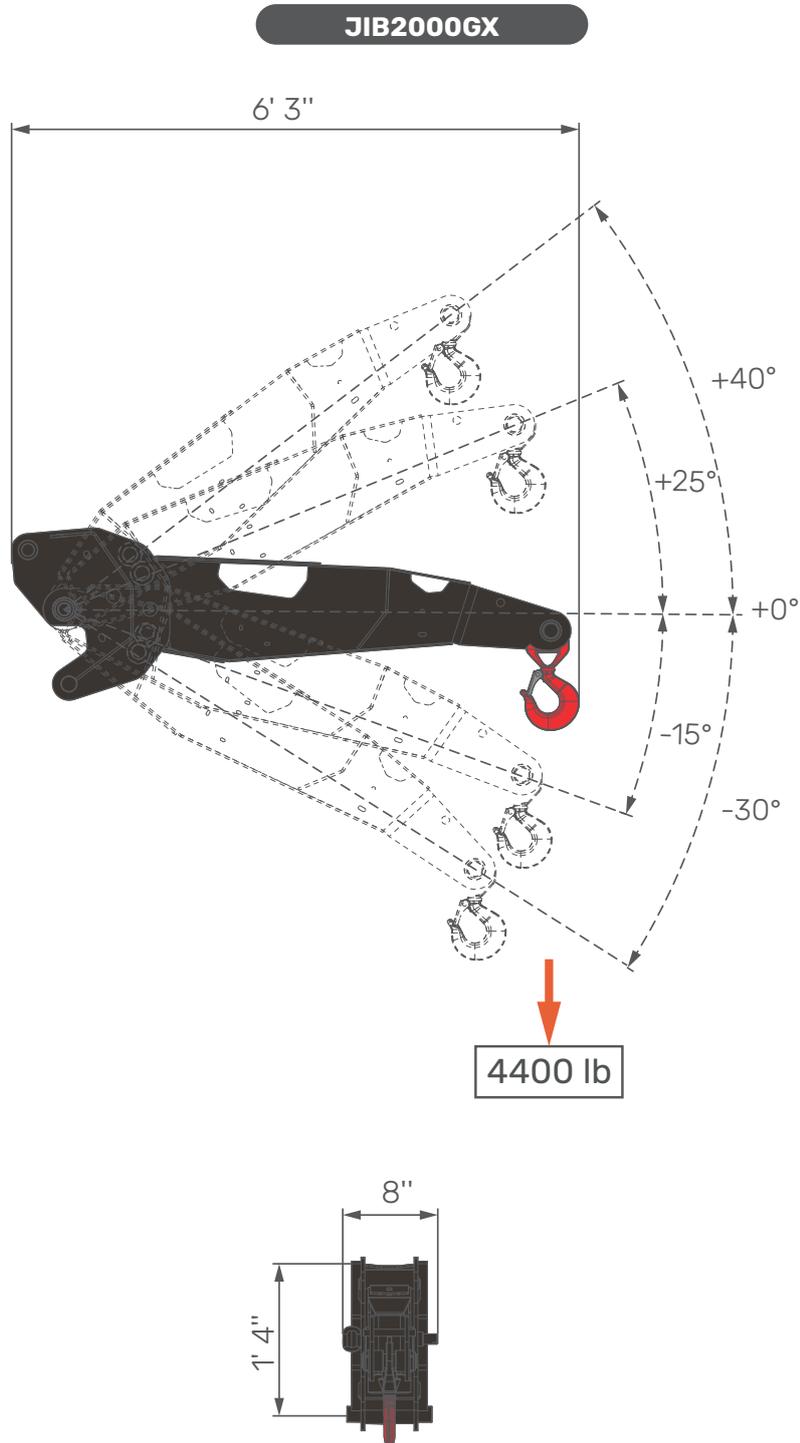
| L [m]→ | 13' 1" | 15' 3" | 18' 6" | 21' 10" | 25' 1" | 28' 5" | 29' 6" |
|---------|--------|----------------------|--------|---------|--------|--------|--------|
| 3' 3" | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 |
| 13' 1" | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 |
| 16' 5" | | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 |
| 19' 8" | | | 1030 | 1030 | 1030 | 1030 | 1030 |
| 22' 12" | | | | 1030 | 1030 | 990 | 990 |
| 26' 3" | | | | | 740 | 680 | 630 |
| 29' 6" | | | | | | 460 | 440 |
| 32' 10" | [lb] | LC650_V3050223_C24J3 | | | | | |

ACCESSORIES

JIB1200.3HX



| | | | | | |
|---------------|--|-----|-------------|----|-----|
| WEIGHT | | JIB | JIB1200.3HX | lb | 900 |
| | | | | | |



| | | | | | |
|---------------|--|-----|-----------|----|-----|
| WEIGHT | | JIB | JIB2000GX | lb | 110 |
| | | | | | |

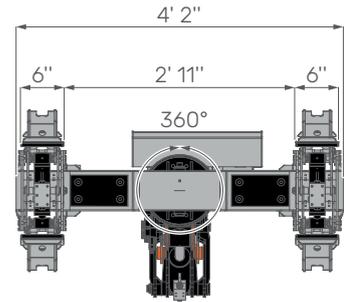
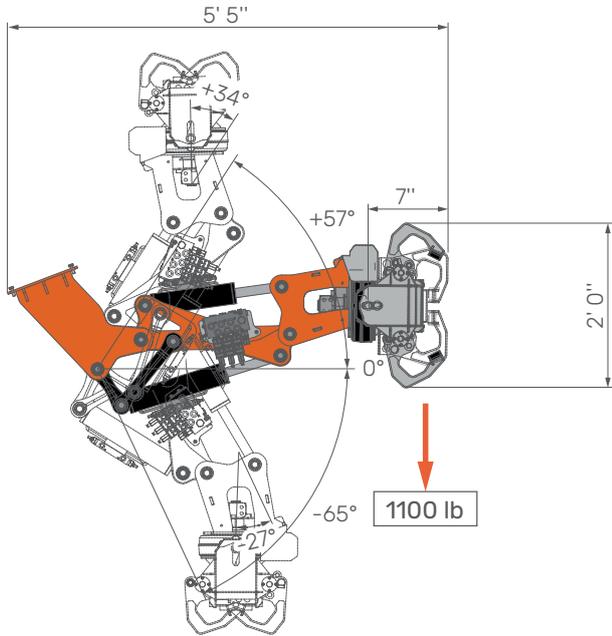
SPX650

JIB500GR features

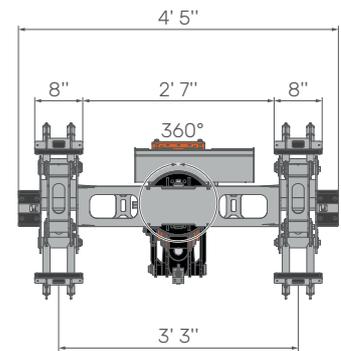
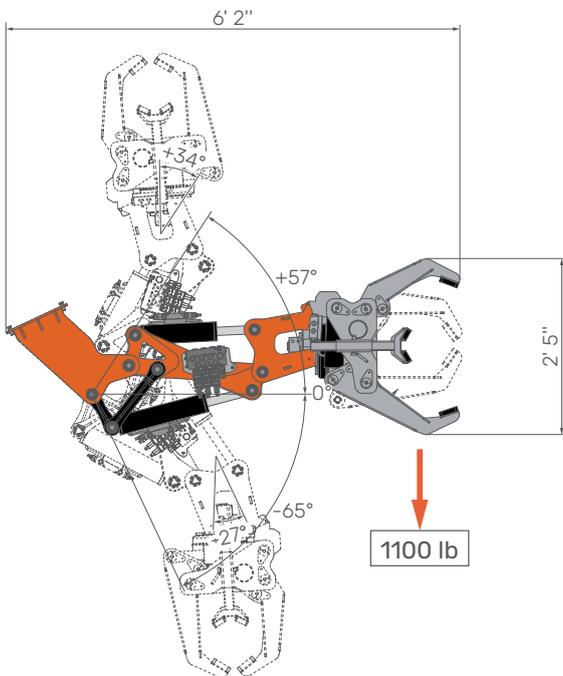
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JIB500GR

BEAMS



PIPES



WEIGHT



| | | | | |
|-----|----------|---------------------|----|-----|
| JIB | JIB500GR | Beams configuration | lb | 500 |
| | | Pipes configuration | | 500 |
| | | Adapter | | 80 |

SYMBOLS

| | | | |
|--|---|---|--|
|  Weight |  Engine |  Main Boom Lifting |  Hydraulic System |
|  Crane |  Electric Motorization |  Boom Length |  Winter Kit |
|  Travel Speed |  Powerpack |  Jib |  Working Temperature |
|  Gradeability |  Maximum Capacity |  Turret Slewing |  Hydraulic Activation |
|  Track Load |  Maximum Outriggers Load |  Winch |  Hook |
|  65° Maximum Working Angle |  Counterweight |  Outriggers Mats |  Grabber |
|  External Battery Charger | | | |
|  Closed Tracks and Turret Position Locked at 0° or 180° | | | |
|  Extended Tracks and 360° Turret Slewing | | | |

LOAD CHARTS REMARKS

- Load tables have been calculated following the EN 13000:2014 standard.
- Load tables have been calculated considering a wind load of 13,8 m/s, a sail area of 1m²/t and a drag coefficient of 1,2.
- Load capacities are given in pounds.
- Hookblocks and hooks weight is part of the load, hence it shall be deducted from the capacity values.
- The working radius is measured form the turret slewing center.
- The supplied Technical Data is part of the Use & Maintenance Manual.
- Features and specifications may change without prior advice.
- All indicated data are for informational purposes only and are not binding as the crane performs differently depending on its use.



Jekko s.r.l.

Via Campardone, 1 - 31014 Colle Umberto (TV) - Italy
info@jekko.it - www.jekko-cranes.com

SERIAL NUMBER: 09.05.2025 | REV2.0