



# Self-Propelled Telescopic Booms

## SX-180

### Specifications

| Models                                | SX-180     |         |
|---------------------------------------|------------|---------|
| Measurements                          | US         | Metric  |
| Working height maximum*               | 186 ft     | 56.86 m |
| Platform height maximum               | 180 ft     | 54.86 m |
| Horizontal reach maximum              | 80 ft      | 24.38 m |
| Below ground reach                    | 2 ft       | 0.61 m  |
| <b>A</b> Platform length              | 3 ft       | 0.91 m  |
| <b>B</b> Platform width               | 8 ft       | 2.44 m  |
| <b>C</b> Height - stowed              | 10 ft      | 3.05 m  |
| <b>D</b> Length - stowed              | 53 ft 1 in | 16.18 m |
| Length - transport (jib tucked under) | 42 ft 8 in | 13.00 m |
| <b>E</b> Width - axles retracted      | 8 ft 2 in  | 2.49 m  |
| Width - axles extended                | 16 ft 6 in | 5.03 m  |
| <b>F</b> Wheelbase - axles retracted  | 16 ft 6 in | 5.03 m  |
| Wheelbase - axles extended            | 15 ft 6 in | 4.72 m  |
| <b>G</b> Ground clearance - center    | 1 ft 3 in  | 0.38 m  |

### Productivity

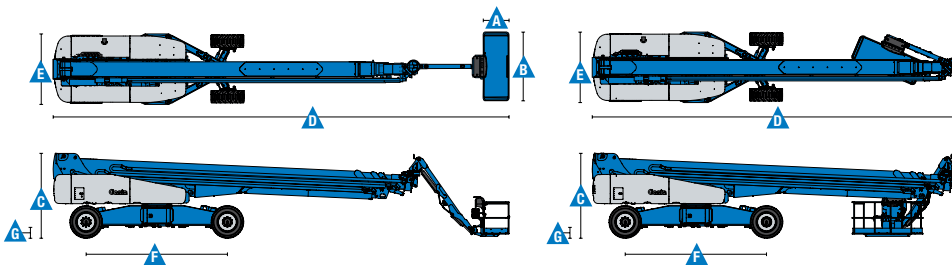
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|---|--|-----------|
| Lift capacity                           | 750 lb                                   | 340 kg    |
| Platform rotation                       | 160°                                     |           |
| Vertical jib rotation                   | 135°                                     |           |
| Horizontal jib rotation                 | 60°                                      |           |
| Turntable rotation                      | 360° continuous                          |           |
| Turntable tailswing - axle retracted    | 3 ft 9 in                                | 1.14 m    |
| Turntable tailswing - axle extended     | 3 ft 6 in                                | 1.07 m    |
| Drive speed - stowed                    | 2.3 mph                                  | 3.7 km/h  |
| Drive Speed - out of stowed             |  |           |
| below 125 ft (38.1 m)                   | 0.4 mph                                  | 0.65 km/h |
| above 125 ft (38.1 m)                   | 0.1 mph                                  | 0.17 km/h |
| Gradeability - stowed                   | 35%                                      |           |
| Tilt sensor activation                  | front to back: 4.5° and side to side: 3° |           |
| Turning radius - axle retracted: inside | 20 ft 7 in                               | 6.27 m    |
| outside                                 | 28 ft 1 in                               | 8.56 m    |
| Turning radius - axle extended: inside  | 9 ft 11 in                               | 3.02 m    |
| outside                                 | 24 ft 1 in                               | 7.34 m    |
| Controls                                | 12 V DC proportional                     |           |
| Tires                                   | 445D50/710HD                             |           |

### Power

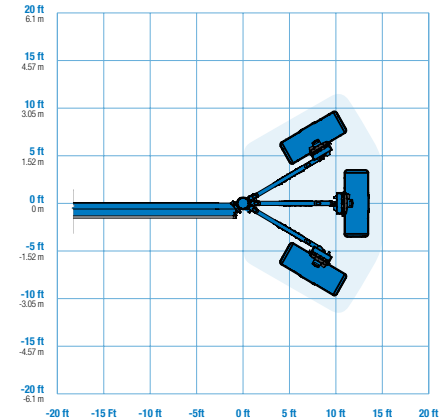
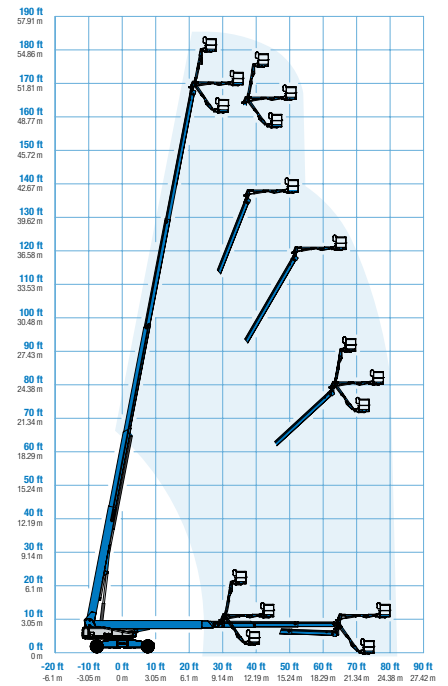
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|-------------------------|--|-------|
| Power source            | 74 hp (55 kW) Deutz turbo diesel, Tier 4f, 2.9 L |       |
| Auxiliary power unit    | 12 V DC  |       |
| Hydraulic tank capacity | 110 gal  | 416 L |
| Fuel tank capacity      | 50 gal   | 189 L |

|           |           |           |
|-----------|-----------|-----------|
| Weight*** | 55,000 lb | 24,948 kg |
|-----------|-----------|-----------|

Standards Compliance      ANSI A92.20, CSA B354.6, EN 280, AS 1418.10



### Range Of Motion SX-180



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## SX-180

### Features

| Standard Features | Easily Configured To Meet Your Needs | Options & Accessories |
|-------------------|--------------------------------------|-----------------------|
|-------------------|--------------------------------------|-----------------------|

#### Measurements

- 186 ft (57 m) working height
- 80 ft (24.4 m) horizontal reach
- 750 lb (340 kg) lift capacity

#### Productivity

- XChassis™ extendable axles
- 10 ft (3.05 m) 60° rotating jib
- Self-leveling platform
- 160° hydraulic platform rotation
- Proportional joystick controls
- Hydraulic oil cooler
- Drive enable
- AC power in the platform
- Horn
- Hour meter
- Tilt alarm
- Descent alarm
- 360° continuous turntable rotation
- Positive traction 4WD
- Two speed wheel motors
- Four wheel high angle steer
- Four steering modes: front, rear, crab and coordinated
- On board full diagnostics and engine monitoring display
- Lift Tools™ Work Tray
- Entry Toeboard
- Lift Connect™ Telematics
- Lift Guard™ Contact Alarm

#### Power

- 7.5 kW welder ready generator
  - 208V/120V/60Hz (North America)
  - 415V/240V/50Hz (Europe & Australia)
  - 110V/55V/50Hz (UK)
- 12 V DC auxiliary power
- Auto engine fault protection
- Swing out engine tray

#### Platform Options

- Steel 6 ft (1.83 m) platform with side swing gate
- 8 ft (2.44 m) tri-entry platform with side swing gate (standard)

#### Engine Options

- 74 hp (55 kW) Deutz turbo diesel, T4f\* (standard)

#### Drive/Steer

- 4WD (standard)
- 4WS (standard)

#### Tires

- Rough terrain foam-filled (standard)

#### Productivity Options

- Lift Guard Platform Mesh - Half
- Lift Guard Platform Mesh - Full
- Welder package
- Welder Ready package
- Cold weather, fire resistant, or biodegradable hydraulic oil
- Hostile environment kit
- Deluxe hostile environment kit
- Thumb rocker steer
- Light package
- Entry toe boards
- Pipe cradle (pair)
- Alarm package\*\*
- Panel cradle package
- Lockable platform control box cover
- Operator Protective Structure\*\*
- Fall Arrest Bar

#### Power Options

- 12.5 kW welder ready AC generator 208V/110V/60Hz
- Cold weather kit
- Diesel scrubber/catalytic muffler
- Intake air pre-cleaner
- Positive air shutoff system (Deutz engine only)



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