

# Self-Propelled Telescopic Booms

S®-60 HF™ & S-65 HF

## Specifications

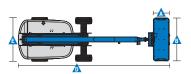
Models	S-60 HF		S-65 HF		
Measurements	US	Metric	US	Metric	
Working height maximum*	66 ft 2 in	20.33 m	71 ft 2 in	21.86 m	
Platform height maximum	60 ft 2 in	18.33 m	65 ft 2 in	19.86 m	
Horizontal reach maximum	46 ft 7 in	14.21 m	51 ft 2 in	15.60 m	
Below ground reach	4 ft 5 in	1.34 m	7 ft 5 in	2.27 m	
APlatform length - 8 ft model	3 ft	0.91 m	3 ft	0.91 m	
Platform length - 6ft model	2 ft 6 in	0.76 m	2 ft 6 in	0.76 m	
APlatform width - 8 ft model	8 ft	2.44 m	8 ft	2.44 m	
Platform width - 6ft model	6 ft	1.83 m	6 ft	1.83 m	
AHeight - stowed	9 ft 4 in	2.85 m	9 ft 4 in	2.85 m	
Length - stowed	28 ft 7 in	8.71 m	32 ft	9.76 m	
- stowed (jib tucked under)	-	-	25 ft 7 in	7.80 m	
▲Width	8 ft 5 in	2.55 m	8 ft 5 in	2.55 m	
▲ Wheelbase	8 ft 2 in	2.50 m	8 ft 2 in	2.50 m	
Ground clearance - center	17.3 in	0.44 m	17.3 in	0.44 m	
Productivity  Maximum lift capacity - unrestricted	600 lb	272 kg	600 lb	272 kg	
- restricted	1,000 lb	454 kg	1,000 lb	454 kg	
Platform rotation	160°	160°	160°	160°	
Vertical jib rotation - up/down	-	-	133° (+ 79° / -	133° (+ 79° / -54°)	
Turntable rotation	360° continuous		360° continuous		
Turntable tailswing	4 ft 6 in	1.38 m	4 ft 6 in	1.38 m	
Drive speed - stowed	3.0 mph	4.8 km/h	3.0 mph	4.8 km/h	
<ul> <li>raised/extended</li> </ul>	0.66 ft/s	0.2 m/s	0.66 ft/s	0.2 m/s	
Gradeability - stowed**	45%		45%		
Turning radius - inside	10 ft 10 in	3.29 m	10 ft 10 in	3.29 m	
Turning radius - outside	18 ft 3 in	5.57 m	18 ft 3 in	5.57 m	
Controls	12 V DC proportional		12 V DC proportional		
Tires - High Flotations	Air filled 41/18LL x 22.5, 20 ply		Air filled 41/18LL x 22.5, 20 ply		
Ground pressure	100 psi	690 kPa	100 psi	690 kPa	

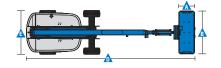
## Power

Power source 48 hp (35.79 kW) Deutz diesel T4f D2.9L4 48 hp (35.79 kW) Deutz diesel T4i D2011L03i 49 hp (36.54 kW) Perkins turbo diesel T4f 404F-E22T 51 hp (38kW) Perkins Diesel 404D-22 74 hp (55.18 kW) Deutz turbo diesel T4i D2011L04i 74 hp, Deutz Turbo Diesel T4f TD2.9L4 60 hp (44.74 kW) Ford gas/LPG MSG425 Auxiliary power unit 12 V DC 12 V DC Hydraulic tank capacity 40 gal 151 I 40 gal 151 L 35 gal 132 L Fuel tank capacity - diesel 132 L 35 gal 114 L 114 L 30 gal 30 gal Weight\*\*\* 22,224 lb 10,081 kg 24,454 lb

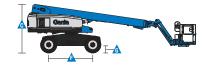
## Standards Compliance

ANSI/SAIA A92.20, CSA B354.7, GB 25849, EN 280, AS/NZS 1418.10



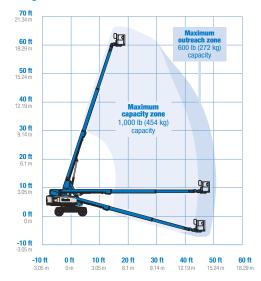




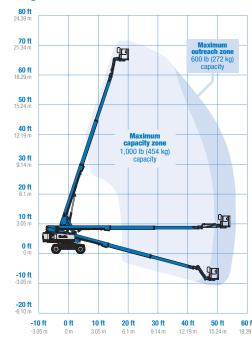


Preliminary Specifications Subject to Change Effective Date: April, 2019

## Range Of Motion S-60 HF



## Range Of Motion S-65 HF



- \* The metric equivalent of working height adds 2 m to platform height. U.S. adds 6 ft to platform height.
- \*\* Gradeability applies to driving on slopes, see operator's manual for details regarding slope ratings.
- \*\*\*\* Weight will vary depending on slope, see operator's manual for details regarding slope ratings.



## Self-Propelled Telescopic Booms

S®-60 HF™ & S-65 HF

## **Features**

## Standard Features

#### Measurements

#### S-60 HF

- 66 ft 2 in (20.33 m) working height
- 48 ft (14.62 m) horizontal reach
- 600 lb (272 kg) unrestricted and 1,000 lb (454 kg) restricted lift capacity

#### S-65 HF

- 71 ft 2 in (21.86 m) working height
- 51 ft 2 in (15.60 m) horizontal reach
- 600 lb (272 kg) unrestricted and 1,000 lb (454 kg) restricted lift capacity

#### Productivity

- Self-leveling platform
- 160° hydraulic platform rotation
- Proportional joystick controls
- Fuel select switch on platform and ground control panels (Gas/LPG models)
- Active oscillation
- Flashing beacon and travel alarm
- Drive enable
- AC power cord to platform
- Horn
- Hour meter
- Tilt alarm
- Descent alarm
- 360° continuous turntable rotation
- Positive traction drive
- Two speed wheel motors
- Platform Load sense system
- Entry Toeboard
- · Hydraulic oil cooler
- Alarm package
- Work tray
- Lift Guard<sup>™</sup> Contact Alarm

#### Power

- 12 V DC auxiliary power
- Anti-restart engine protection
- Auto engine fault shutdown
- Swing out engine tray
- Engine gauge package

#### **Drive Options**

- 4WD
- Intake air heater (Deutz engine)

## Easily Configured To Meet Your Needs

## **Platform Options**

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

## Jib Options

- Non-jib (S-60 only)
- 5 ft (1.52 m) jib boom (S-65 only)

## **Engine Options**

- 48 hp (35.79 kW) Deutz diesel T4f D2.9L4
- 48 hp (35.79 kW) Deutz diesel T4i D2011L03i
- 49 hp (36.54 kW) Perkins turbo diesel T4f 404F-E22T
- 51 hp (38kW) Perkins Diesel 404D-22
- 74 hp (55.18 kW) Deutz turbo diesel T4i D2011L04i
- 74 hp, Deutz Turbo Diesel T4f TD2.9L4
- 60 hp (44.74 kW) Ford gas/LPG MSG425

### **Options & Accessories**

## Productivity Options

- Lift Guard Platform Mesh Half
- Lift Guard Platform Mesh Full
- Lift Guard Platform Mesh Screen (8ft platform only)
- Platform top auxiliary rail
- Lift Power<sup>™</sup>
  - 3 kW AC Generator
  - 12 kW 240 V / 60 Hz Welder Ready package
  - 7kw Welder Ready package
  - 12 kW Welder Equipped, Select Lincoln or Miller (12 kW options include a fire extinguisher and fireproof sleeves)
- Air line to platform
- Specialty hydraulic oil (cold weather, fire resistant, or biodegradable)
- Hostile environment kit
- · Deluxe hostile environment kit
- Aircraft protection package (6 ft platform)
- Thumb rocker steer
- Panel cradle package
- Lockable platform control box covers
- Second battery
- Tow package
- Work lights package (2 on chassis, 2 on platform)
- Operator Protective Structure\*\*\*\*\*
- Fall Arrest Bar

#### **Power Options**

- Engine gauge package\*\*\*
- Cold Weather Packages
- Diesel scrubber/muffler (catalytic muffler)\*\*\*\*
- LPG tank 33.5 lb (15.19 kg) capacity
- Intake air pre-cleaner\*\*\*\*
- Positive air shutoff system (Deutz engine only)
  - \* Also available as Tier 4i in limited regions
- \*\* Available only with Track system option
- \*\*\* Available only with Ford engine
- \*\*\*\* Available only with Tier 4i diesel engines
- \*\*\*\*\* Available through aftermarket parts only

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### Distributed By:

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