

# Self-Propelled Telescopic Booms

S°-60 & S-65, S-60 TraX & S-65 TraX

# **Specifications**

Models	S-60 / S-6	O TraX	S-65 / S-6	5 TraX
Measurements	Metric	US	Metric	US
Working height maximum* (on tyres)	20.30 m	66 ft	21.80 m	71 ft
Working height maximum* (with Trax)	20.30 m	66 ft	21.80 m	71 ft
Platform height maximum (on tyres)	18.30 m	60 ft	19.80 m	65 ft
Platform height maximum (with Trax)	18.30 m	60 ft	19.80 m	65 ft
Horizontal reach maximum	15.48 m	50 ft 10 in	17.10 m	56 ft 2 in
Below ground reach	1.70 m	5 ft 7 in	2.72 m	8 ft 11 in
▲Platform length - 8 ft model	0.91 m	3 ft	0.91 m	3 ft
Platform length - 6 ft model	0.76 m	2 ft 6 in	0.76 m	2 ft 6 in
⚠ Platform width - 8 ft model	2.44 m	8 ft	2.44 m	8 ft
Platform width - 6 ft model	1.83 m	6 ft	1.83 m	6 ft
A Height - stowed	2.72 m	8 ft 11 in	2.72 m	8 ft 11 in
<ul> <li>stowed with Trax</li> </ul>	2.77 m	9 ft 1 in	2.77 m	9 ft 1 in
▲Length - stowed	8.46 m	27 ft 9 in	9.42 m	30 ft 11 in
Length - transport (jib tucked under)			7.60 m	25 ft
▲Width - with standard tyres	2.49 m	8 ft 2 in	2.49 m	8 ft 2 in
- with Trax	2.59 m	8 ft 6 in	2.59 m	8 ft 6 in
▲ Wheelbase	2.51 m	8 ft 3 in	2.51 m	8 ft 3 in
Ground clearance - center	0.37 m	1 ft 2.5 in	0.37 m	1 ft 2.5 in
- centre Trax	0.43 m	1 ft 5 in	0.43 m	1 ft 5 in

# **Productivity**

Lift capacity	227 kg	500 lbs	227 kg	500 lbs
Platform rotation	160°	160°	160°	160°
Vertical jib rotation			135° (+78° /-57°)	
Turntable rotation	360° continuous		360° continuous	
Turntable tailswing (on tyres)	1.22 m	4 ft	1.22 m	4 ft
Turntable tailswing (with Trax)	1.14 m	3 ft 9 in	1.14 m	3 ft 9 in
Drive speed - 4WD stowed (on tyres)	4.8 km/h	3.0 mph	4.8 km/h	3.0 mph
Drive speed - 4WD stowed (with Trax)	3.7 km/h	2.3 mph	3.7 km/h	2.3 mph
Drive speed - raised or extended	1.1 km/h	0.68 mph	1.1 km/h	0.68 mph
Gradeability** stowed - 4WD	45%	45%	45%	45%
Turning radius - inside	2.36 m	7 ft 9 in	2.36 m	7 ft 9 in
- inside with Trax	3.66 m	12 ft	3.66 m	12 ft
Turning radius - outside	5.54 m	18 ft 2 in	5.54 m	18 ft 2 in
- outside with Trax	6.80 m	22 ft 3 in	6.80 m	22 ft 3 in
Controls	12 V DC proportional		12 V DC proportional	
Tyres - RT air filled	355/55D 625		355/55D 625	
Trax - track system - 4 point	Vermeer Track System		Vermeer Track System	
Ground Pressure (with Trax)	1,146 kg/sqm	11.24 kPa	1,210 kg/sqm	11.87 kPa

# Power

Vibration

Weight\*\*\*

Power source	Deutz D 2011 L03i 3 cylinder diesel 36 kW (48 hp)  Deutz TD2.9 L4, 74 hp (55 kW), Stage IIIB, water-cooled (S-TraX models)  Deutz TD2011L04i, 74 hp (55 kW), Stage IIIA, air-cooled (S-TraX models)			
Auxiliary power unit	12 V DC	12 V DC	12 V DC	12 V DC
Hydraulic tank capacity	170 L	45 gal	170 L	45 gal
Fuel tank capacity	132 L	35 gal	132 L	35 gal
Sound & Vibration Levels				
Sound pressure level (ground workstation)	83 dBA	83 dBA	83 dBA	83 dBA
Sound pressure level (platform workstation)	70 dRA	70 dRA	70 dRA	70 dRA

CE Foam Filled tyres	9,732 kg	21,454 lbs	10,449 kg	23,034 lbs
Track system	11,353 kg	25,430 lbs	12,229 kg	26,960 lbs

<2.5 m/s<sup>2</sup>

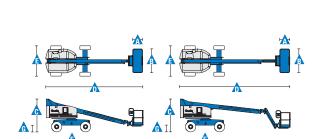
# Standards Compliance

EU Directives: 2006/42/EC - Machinery (harmonized standard EN280); 2004/108/EC (EMC); 2000/14/EC (Outdoor Noise)

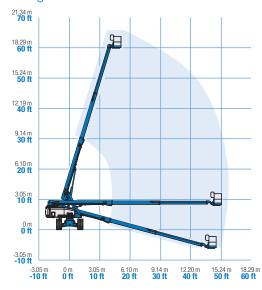
<2.5 m/s<sup>2</sup>

<8 ft 2 in/s2

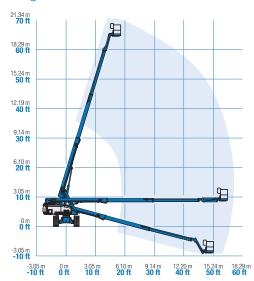
<8 ft 2 in/s<sup>2</sup>



# Range of Motion S-60 / S-60 TraX



# Range of Motion S-65 / S-65 TraX



- \* 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 options and/or country standards.



# Self-Propelled Telescopic Booms

S°-60 & S-65, S-60 TraX & S-65 TraX

# **Features**

# Standard Features

### Measurements

### S-60, S-60 TraX

- 20.30 m (66 ft) working height
- 15.50 m (50 ft 10 in) horizontal reach
- 227 kg (500 lb) lift capacity

## S-65, S-65 TraX

- 21.80 m (71 ft) working height
- 17.10 m (56 ft 2 in) horizontal reach
- 227 kg (500 lb) lift capacity

# **Productivity**

- Self-levelling platform
- Hydraulic platform rotation
- Proportional joystick controls
- Thumb rocker steering
- Hydraulic oil cooler
- Drive enable
- · Chassis tilt drive function cut-out
- AC power cord to platform
- Tilt alarm
- Descent & travel alarms
- Flashing beacon

- 360° continuous turntable rotation
- Locking turntable covers
- Positive traction drive
- Two speed wheel motors
- Telematics-Ready Connector
- Hydraulic oil cooler
- Lift Guard™ Contact Alarm

- 12 V DC auxiliary power
- Anti-restart engine protection
- · Auto engine fault shutdown
- Intake air heater (Deutz engine)

# **Easily Configured To Meet Your Needs**

# **Platform Options**

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

# Jib Options

- 1.52 m (5 ft) articulating jib boom

# **Engine Options**

- Deutz diesel 36 kW (48 hp)
- Deutz turbo diesel 55 kW (74 hp) (TraX

### Drive

• 4 x 4

### Axle

· Active oscillation (standard)

# Tyre Options

- Rough terrain foam-filled (water base, standard)
- Rough terrain non-marking foam-filled (on S-65 model only)
- · Vermeer track system (standard on TraX

# **Options & Accessories**

# **Productivity Options**

- · Platform auxiliary top rail
- Half-mesh platform inserts with swing
- Air line to platform (1)
- Power to platform: plug, socket, with optional Residual-current Circuit Breaker with Overcurrent protection (1)
- Work lights package (2 on chassis, 2 on platform) (1)
- Dual axis joystick steering (1)
- Biodegradable hydraulic oil
- Hostile environment kit (1): cylinder bellows, boom wiper seals, platform and ground control box cover
- Deluxe hostile environment kit (1): adds to basic kit center turntable shield, ring gear guard, tail pipe guard, engine cover flaps and air pre-cleaner
- Aircraft protection kit (1,4): platform foam padding and padded disable system
- · Chassis tilt lift function cut-out kit
- Track & Trace (2) (GPS unit providing machine location & operating information)
- Panel cradle package (1)
- Lockable platform & ground control box covers
- Tow package (1)
- Tool tray (3)
- Operator Protective Structure (3)

# **Power Options**

- Engine gauge package (1): oil pressure, temp & amp
- AC generator packages (110V/60Hz -220V/50Hz, 3000 W)
- Diesel air intake pre-cleaner (1)
- Diesel catalytic scrubber muffler (1)
- Low temperature cut-out module
- EMEAR Cold Start kit: Inc. Engine heater & battery charger



- (1) Factory-fit option only (2) Includes a first 2 years subscription
- (3) Aftermarket only
- (4) Only available with 1.83 m (6 ft) platform, not available with any other platforms nor options on the platform

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