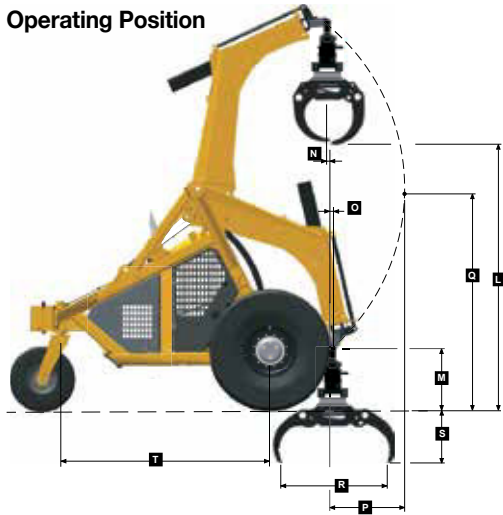


# F-series

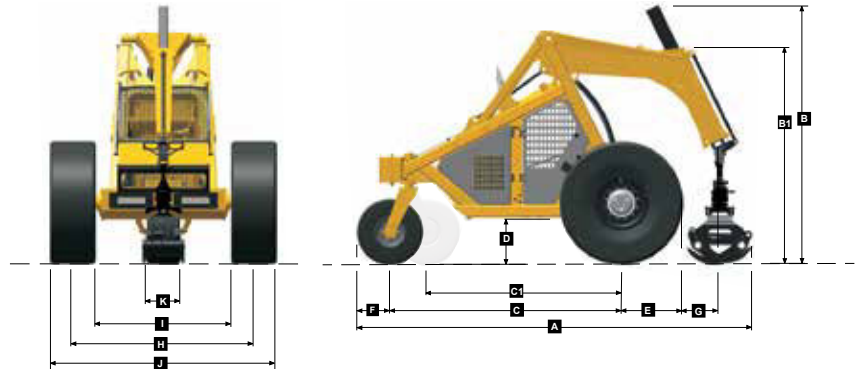
Tele Logger

225F

Operating Position



Transport Position



## Machine Dimensions

A Length-Transport Position with #35 Grab Closed - Teleboom Retracted	5 175 mm	G Reach-Grab Pivot @ Ground Level I - #43 Grab with Teleboom Retracted	561 mm	M Grab Pivot Height-Boom Down Position with Teleboom Retracted	816 mm
A Length-Transport Position with #35 Grab Closed - Teleboom Extended	6 232 mm	G Reach-Grab Pivot @ Ground Level I - #43 Grab with Teleboom Extended	1 593 mm	M Grab Pivot Height-Boom Down Position with Teleboom Extended	-142 mm
A Length-Transport Position with #43 Grab Closed - Teleboom Retracted	5 331 mm	H Track Width-Front		N Reach-Grab Pivot-Boom Up Position with Teleboom Retracted	-27 mm
A Length-Transport Position with #43 Grab Closed - Teleboom Extended	6 363 mm	H1 23.1-26 (Std Wheelset)	2 382 mm	N Reach-Grab Pivot-Boom Up Position with Teleboom Extended	866 mm
B Height-Transport Position with #35 Grab Closed - Teleboom Retracted	3 397 mm	H2 18.4-26 (Option 1)	2 279.5 mm	O Reach-Grab Pivot-Boom Down Position with Teleboom Retracted	39 mm
B1 Height-Transport Position with #35 Grab Closed - Teleboom Extended	3 367 mm	H3 18.4/15-30 (Option 2)	2 312 mm	O Reach-Grab Pivot-Boom Down Position with Teleboom Extended	255 mm
B Height-Transport Position with #43 Grab Closed - Teleboom Retracted	3 468 mm	H4 18.4-34 (Option 3)	2 319 mm	P Maximum Reach-Grab Pivot with Teleboom Retracted	1 042 mm
B1 Height-Transport Position with #43 Grab Closed - Teleboom Extended	3 426 mm	H5 18.4-26 (Option 4-Dual Wheelset)	2 681 mm	P Maximum Reach-Grab Pivot with Teleboom Extended	1 942 mm
C Front Axle Centre to Tailwheel Axle Centre	3 030 mm	I Inside Tyre Width-Front		Q Height-Grab Pivot @ Maximum Reach with Teleboom Retracted	2 964 mm
C1 Front Axle Centre to Tailwheel Axle Centre	2 546 mm	I1 23.1-26 (Std Wheelset)	1 782 mm	Q Height-Grab Pivot @ Maximum Reach with Teleboom Extended	2 964 mm
D Ground Clearance-Front Axle Box	578 mm	I2 18.4-26 (Option 1)	1 813 mm	R Grab Open - #35	1 414 mm
E Front Tyre-Free Radius (Free Diameter)		I3 18.4/15-30 (Option 2)	1 846 mm	R Grab Open - #43	1 577 mm
E1 23.1-26 (Std Wheelset)	807.5 mm (ø1 615)	I4 18.4-34 (Option 3)	1 851 mm	S Maximum Reach-Below Ground - #35 Grab with Teleboom Retracted	714 mm
E2 18.4-26 (Option 1)	729 mm (ø1 458)	I5 18.4-26 (Option 4-Dual Wheelset)	1 687 mm	S Maximum Reach-Below Ground - #35 Grab with Teleboom Extended	1 672 mm
E3 18.4/15-30 (Option 2)	774.5 mm (ø1 549)	J Width over Tyres-Front		S Maximum Reach-Below Ground - #43 Grab with Teleboom Retracted	768 mm
E4 18.4-34 (Option 3)	837.5 mm (ø1 675)	J1 23.1-26 (Std Wheelset)	2 982 mm	S Maximum Reach-Below Ground - #43 Grab with Teleboom Extended	1 725 mm
E5 18.4-26 (Option 4-Dual Wheelset)	729 mm (ø1 458)	J2 18.4-26 (Option 1)	2 746 mm	T Front Axle Centre to Tailwheel Pivot Centre	2 788 mm
F Tailwheel-Free Radius (Free Diameter)		J3 18.4/15-30 (Option 2)	2 778 mm		
F1 400-15.5 (Std Wheelset)	432 mm (ø864)	J4 18.4-34 (Option 3)	2 787 mm		
F2 18-15.5 (Option 1)	490 mm (ø980)	J5 18.4-26 (Option 4-Dual Wheelset)	3 675 mm		
G Reach-Grab Pivot @ Ground Level I - #35 Grab with Teleboom Retracted	481 mm	K Tyre Width-Tailwheel			
G Reach-Grab Pivot @ Ground Level I - #35 Grab with Teleboom Extended	1 538 mm	K1 400-15.5 (Std Wheelset)	385 mm		
		K2 18-15.5 (Option 1)	450 mm		
		L Load Over Height - #35 Grab with Teleboom Retracted	3 547 mm		
		L Load Over Height - #35 Grab with Teleboom Extended	3 955 mm		
		L Load Over Height - #43 Grab with Teleboom Retracted	3 441 mm		
		L Load Over Height - #43 Grab with Teleboom Extended	3 849 mm		

NOTE: All dimensions are Unladen values based on the Standard Wheelsets and Grab with Damper U.O.N Negative (-) dimension value denotes position below ground level or behind front of wheel, whichever is applicable.

# BELL

# Specifications - 225F Tele Logger

OPTIONS: ● STANDARD ▲ OPTION

## ENGINE & ANCILLARIES

Yanmar TNV98

**Configuration**  
4 cylinder

**Aspiration**  
Naturally aspirated

**Emission Level**  
Tier II

**Governed Power**  
45 kW

**Governed Speed**  
2 200 rpm

**Displacement**  
3 319 cc

**Fuel Filter Type**  
In-line water separator with separate spin on fuel filter.

**Fuel Filter**  
5 µm

**Coolant Capacity (Engine only)**  
4 litres

**Radiator**  
Easy access and easy to clean. Agricultural spec fine dust tolerant - wide fin spacing.

**Fuel Tank**  
Secure, lockable ground level filling. Integrated into lower section of the frame to keep a low centre of gravity.

**Fuel Tank Capacity**  
100 litres

**Air Cleaner Type**  
Cyclonic pre-cleaner continuously vacuum scavenged through the exhaust. Primary filter with second safety filter with dash mounted restriction indicator. Twice the dust holding capacity of conventional air cleaners.

## OPERATING WEIGHTS

	Boom In	Boom Out
<b>Unladen Front</b>	4 309 kg	4 445 kg
<b>Unladen Rear</b>	1 656 kg	1 520 kg
<b>Unladen Total</b>	5 965 kg	5 965 kg
<b>Safe Working Load</b>	2 269 kg	1 397 kg
<b>Tipping Load</b>	2 496 kg	1 537 kg

## HYDRAULIC SYSTEM

**Hydrostatic Drive System**  
Servo controlled Variable displacement closed loop system.

**Wheel Drive System**  
Robust, proven Bell planetary hub driven by high displacement radial piston motor with fail to safe spring applied hydraulically released multidisc wet brake.

**Wheel Drive Make & Model**  
Bell #29P

**Service Brake**  
Hydrostatic braking through the closed loop system.

**Hydraulic Implement Pump 1 Maximum Flow at Engine Rated Speed**  
60.9 l/min

**Hydraulic Implement Pump 1 Maximum Intermittent Pressure**  
241 bar

**Hydraulic Implement Pump 1 Use**  
Boom lift & lower

**Hydraulic Implement Pump 1 Maximum Flow at Engine Rated Speed**  
39.4 l/min

**Hydraulic Implement Pump 2 Maximum Intermittent Pressure**  
280 bar

**Hydraulic Implement Pump 2 Maximum Continuous Pressure**  
250 bar

**Hydraulic Implement Pump 2 Use**  
Attachment - Grapple Open/Close, Tele Ext in/out and Rotator

**Tank**  
Integrated within the tubular frame

**Tank Capacity**  
140 litres

**Tank Breather**  
Remote to filler cap, 3 micron rating, 0.75 bar pressure

**Hydraulic Cooler Air Fin Spacing**  
Easy to clean wide fin spacing

## ELECTRICAL

**System**  
12 volt system with a single maintenance free battery mounted in the rear of the machine above the tail wheel.

**Alternator Output**  
12v 80 Amp

**Starter Motor Rating**  
12v 3.0 kW

**Fuse Box**  
Blade fuses located inside the cabin in the instrumentation box

**Battery**  
Maintenance free gel filled battery 100 Amp Hour rating

**Battery Isolator**  
Single pole type with lock out mounted onto the right hand side of the frame

**Work Lights**  
8 lights in total. 4 facing forwards, 2 facing rearwards, 1 facing side ways on each side of the frame.

**Strobe Light**  
Mounted on the rear of frame

**Interior lights**  
LED mounted inside the cab and inside the engine bay.

**Warning Lights/Instrumentation**

- Hydraulic charge filter bypass
- Engine oil pressure
- Engine coolant temperature high
- Hydraulic oil temperature high
- Air cleaner blocked
- Low fuel
- Battery charge
- Cold start
- Park brake active
- Reverse Camera
- Fleetm@tic®

**Switches**

- Ignition (key)
- Hour metre
- Park brake
- Horn
- Work lights
- Interior lights
- Cold start aid
- Windscreen wiper
- Window washer
- HVAC
- Battery isolator

**Sensors**

- Low fuel level
- Door open proximity
- Seat belt proximity
- Air cleaner blocked
- Hydraulic charge filter bypass
- Engine oil pressure
- Engine coolant temp
- Hydraulic oil temperature
- Reverse proximity

## OPTIONS

● Standard ▲ Optional

### Front Wheelsets

- 18.4x26 10Ply Logger
- ▲ 18.4x26 10Ply Logger Dual Wheel
- ▲ 18.4x30 10Ply Logger
- ▲ 18.4x34 10Ply Forestry Special
- ▲ 23.1x26 LS2 16Ply General
- ▲ 23.1x26 LS2 16Ply Trelleborg T418

### Rear Wheelsets

- 400x15.5 10Ply
- ▲ 18.00x15.5 12Ply

### Seat

- Unsuspended Lap Belt
- ▲ Unsuspended 4 Point Harness
- ▲ Suspended

### Attachment

- #35 with damped link
- ▲ #35 with-out damped link
- ▲ #43 with damped link
- ▲ #43 with-out damped link

### Work Lights

- Halogen Lights
- ▲ LED Lights (1800 Lum)
- ▲ LED Lights (3500 Lum)

### Boom

- ▲ Crank Boom
- Tele Boom
- ▲ Ext Tele Boom

### Language

- English
- ▲ French
- ▲ Spanish

### Cab

- Basic Option
- ▲ Cab Doors (no glazing)
- ▲ Windscreen & Wiper/Washer
- ▲ Windscreen & Wiper/Washer with Cab Doors (no glazing in doors)
- ▲ Full Deluxe - Cab doors, full glazing, HVAC, sound kit

### Counter Weight

- ▲ 1 Weight
- 4 Weights

### Miscellaneous

- ▲ Reverse Camera
- ▲ Rear View Side Mirrors (Note: not available if Log Rest Option is selected)
- ▲ Log Rest
- ▲ Fire Extinguisher
- ▲ Fleetm@tic®
- ▲ Back up alarm
- ▲ CE Exempt

Note: Tyre sizes indicated represent available tyres at printing. Please ensure your choice is available at time of ordering.



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E-mail : info@dailieng.com.my  
Website: www.dailieng.com.my

All dimensions are shown in millimetres, unless otherwise stated between brackets. Under our policy of continuous improvement, we reserve the right to change technical data and design without prior notice. Photographs featured in this brochure may include optional equipment.

**Strong Reliable Machines  
Strong Reliable Support**

**BELL**