# S Series rough terrain forklifts

## 6 000, 8 000, 10 000, 12 000 lbs capacity @ 24” load centre



### Standard specifications

The S Series straight mast rough terrain forklift is packaged to optimize operator visibility, safety and comfort while maximizing machine performance. The one-piece frame welded construction offers rugged durability. The isolated, rubber-mounted operator’s compartment is designed to reduce noise and vibration. Operators benefit from greater fork visibility and control. All controls and instrumentation are close at hand.

### Engine

Dieselmax EPA-compliant low noise, low emission naturally-aspirated four-cylinder, direct injection, diesel engine, 84 hp with dual element air filter with precleaner, water separator, vertical exhaust and cold weather starting aid. Torque rating 236 ft·lbs @ 1200 rpm.
Fuel capacity: 26 gallons (98 L).

### Transmission

Four-speed (3-speed in S120 models) fully synchronized torque converter with power reversing integral parking brake.
Optional fully automatic powershift.

### Axles

**Drive**: Pad-mounted rigid planetary axle, torque proportioning four-pinion differential, gears are specially-shaped to transfer torque between wheels. Positive retraction brakes.

**2WD Steer**: Pin-mounted, oscillating axle with sealed tapered roller bearings. Oscillation: 14°

**Optional 4WD Steer**: Outboard planetary with torque proportioning differential. On the go engagement

### Operator compartment

Fully isolated, rubber-mounted operator’s compartment meets or exceeds ANSI B56.6 FOPS standard. Adjustable suspension seat with retractable seatbelt, tilt steering column, cupholder, coat hook, latched operator’s manual compartment, Operator’s Manual, safety decal package. Optional ROPS canopy.

### Brake system

**Service brake**: Power-assisted braking system with enclosed oil-immersed multi-disc service brakes.

**Parking brake**: Independent parking brake system, mechanical-operated, lever-applied, manually-adjusted caliper, mounted on transmission output shaft, disc diameter 279.4 mm (11 inches).

### Steering

Load sense power steering with hydraulic pump assistance.
**Steer turns**: 4.5 lock to lock.

### Electrical system

**Voltage**: 12 V; alternator: 95A; battery: 1000 CCA.

### Instruments

Standard indicator lights located on the steering console for easy vehicle performance monitoring. Full instrumentation includes warning indicator lights and gauges, horn and backup alarm.

**Gauges**: engine coolant temperature, voltmeter, fuel level, transmission temperature gauge, hour meter.

**Indicator lights**: low voltage, low engine oil pressure, engine coolant temperature, park brake, service brake pressure, transmission pressure, transmission temperature, preheat, water-in-fuel, air filter restriction.

### Hydraulics

Closed hydraulic system powered by cast iron load sense hydraulic pump. A positive-pressure hydraulic tank prevents impurities from entering the system.
Tank capacity: 21 gallons (79 L)
Hydraulic flow rate: 25 gpm @ 2200 rpm

### Mast assemblies

Sellick SEE-THRU® all-roller design. Two- and three-stage available.
Sideshift: 6" total.

### Carriages

ITA hook- or shaft-type carriages equipped with 6 rollers and 4 side thrust rollers.

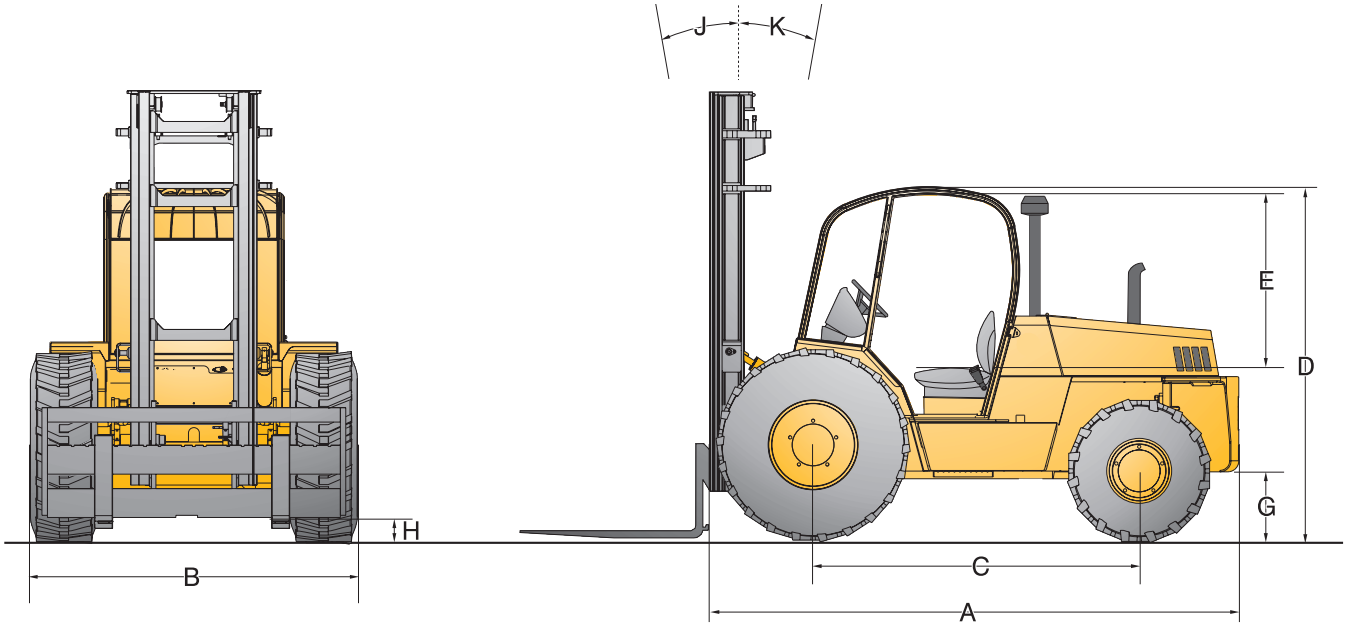
### Standard features

- Adjustable suspension seat
- Tilt steering column
- Retractable seatbelt
- Water separator
- Engine air pre-cleaner
- Power assisted enclosed wet disc brakes
- Load sense power steering
- Halogen lighting package includes two front and two rear adjustable worklights
- Safety lighting includes LED brake lights & amber warning light
- Backup alarm
- Automotive style park brake with neutral interlock
- Neutral safety start

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# S Series rough terrain forklifts

## 6 000, 8 000, 10 000, 12 000 lbs lift capacities @ 24” load centre




| Model | Ref | S60 | S80 | S100 | S120 |
|---|---|---|---|---|---|
| Lift capacities @ 24 inch load centre | | 6 000 lbs | 8 000 lbs | 10 000 lbs | 12 000 lbs |
| Overall length (without forks) | A | 149"/3 785 mm | 150"/3 810 mm | 152"/3 861 mm | 159"/4 039 mm |
| Overall width | B | | 89"/2 261 mm | | |
| Wheelbase | C | | 89"/2 261 mm | | |
| Height to top of overhead guard (std) | D | | 95"/2 413 mm | | |
| Distance from seat to overhead guard (std) | E | | 43"/1 092 mm | | |
| Outside turning radius | | | 178"/4 521 mm | | 183"/4 648 mm |
| Aisle width 90° stacking | | | 266"/6 756 mm | | 271"/6 883 mm |
| Frame underclearance | G | | 15"/381 mm | | |
| Mast underclearance | H | | 12"/305 mm | | |
| Mast sideshift | | | 6"/152 mm | | |
| Mast tilt - forward | J | | 45° | | |
| Mast tilt - rearward | K | | 12° | | |
| Travel speed (standard) | | 19 mph | 19 mph | 19 mph | 12 mph |
| Gradeability | | | 25% | | |
| Tire size type & size (standard) | | | Drive (pneumatic) 15.5 x 25 - 12 ply | | |
| | | | Steer (pneumatic) 14 x 17.5 - 14 ply | | |
| Engine manufacturer & model | | | Dieselmax 444 Series diesel naturally-aspirated | | |
| Cylinders | | | 4 | | |
| Engine output (gross power) | | | 84 hp @ 2 200 rpm | | |
| Peak torque | | | 236 ft·lbs @ 1 200 rpm | | |
| Transmission type | | | Power reversing synchromesh | | |
| Noise level at operator’s ear (at engine idle) | | | 74 dbA | | |
| Noise level at operator’s ear (at full rpm) | | | 89 dbA | | |

*Because of our constant dedication to product improvement, all specifications are subject to change without notice.*

*— All Sellick forklifts meet or exceed all ANSI B56.6 safety standards. —*

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