

ROUGH TERRAIN | **FORK LIFT**



## Rough Terrain Fork Lift

Engine Power: 55kW (74hp)   Operating Capacity: 2.6 to 4 tonnes   Operating Weight: 5910kg to 7500kg





# Rough terrain fork lifts

**Lift capacities of 2.6 to 4 tonnes and  
lift heights from 3.6 to 6.70m**

**55kW (74hp) engine delivers  
powerful performance**

**JCB Synchro Shuttle transmission gives  
fast, smooth directional change**

**Choice of mast heights, attachments and carriage  
types adapts the machine to your needs**

**Sideshift gives accurate placing of materials on scaffolding**



Docks, yards, special events, timber forestry, construction sites, builders' merchants... JCB rough terrain fork lifts (RTFL) are the reliable, versatile and easy-to-use solution for virtually any rehandling environment you can think of.

Designed for high mobility and superb productivity in rough terrain areas, there are three RTFLs in the JCB range with lift capacities of 2.6 to 4 tonnes and lift heights from 3.6 to 6.7m. At the heart of each machine, all of which come as two or four-wheel drive, is a 55kW (74hp) JCB DIESELMAX engine delivering powerful performance. The JCB Synchro Shuttle transmission with integral torque converter gives fast, smooth directional change, while the four-speed synchromesh gearbox and Max-Trac axles give top performance and drive over the roughest ground.

JCB RTFLs allow you to choose between four different mast heights, each one designed for excellent forward visibility and offering up to 18° of forward tilt to assist load handling and placement. In addition, the sideshift function makes placing materials on scaffolding much easier. To cover all applications and optimise versatility, there is also a selection of attachments, three carriage types and a range of tyres to suit various applications and environments.

Add all of this to an operator environment that is designed for comfort and all-round visibility, along with proven, reliable technology and superb serviceability, and you have a rehandling solution with a huge amount of potential.

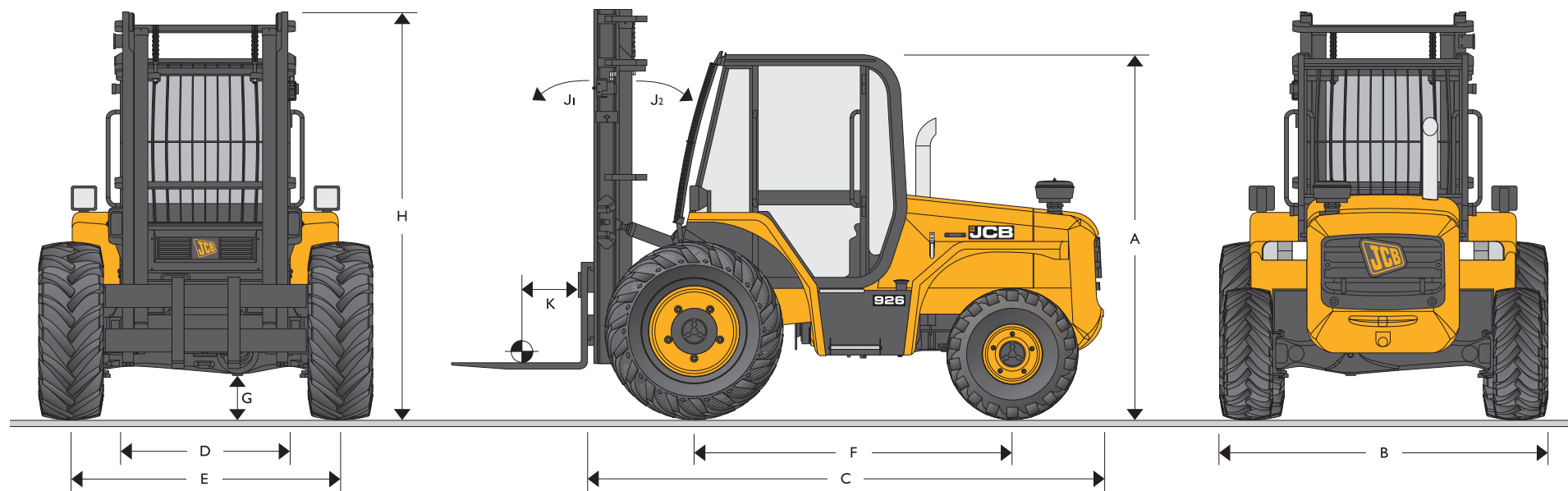








OPERATING WEIGHTS: 5910 to 7500kg LIFT CAPACITY: 2.6 to 4 tonnes



## DIMENSIONS

| Machine model  | 926  | 930  | 940  |
|--|------|------|------|
|  | m    | m    | m    |
| A Overall cab height                                   | 2.57 | 2.57 | 2.57 |
| B Overall width (over tyres)                           | 2.20 | 2.20 | 2.20 |
| C Overall length to front carriage (industrial or bar) | 3.60 | 3.60 | 3.60 |
| D Inside width of cab                                  | 1.10 | 1.10 | 1.10 |
| E Front track  | 1.80 | 1.80 | 1.80 |
| F Wheel base   | 2.10 | 2.10 | 2.21 |
| G Ground clearance                                     | 0.30 | 0.30 | 0.30 |
| H Mast closed height                                   |      |      |      |
| 3.6m mast  | 3.00 | 3.00 | 2.85 |
| 4.5m mast  | 2.41 | 2.41 | 2.50 |

| Machine model          | 926           | 930           | 940  |
|------------------------|---------------|---------------|------|
| 5.5m mast              | 3.00          | 3.00          | 2.80 |
| 6.70m mast             | Not available | Not available | 3.25 |
| Mast open height       |               |               |      |
| 3.6m mast              | 4.78          | 4.78          | 4.84 |
| 4.5m mast              | 5.41          | 5.41          | 5.81 |
| 5.5m mast              | 6.65          | 6.65          | 6.73 |
| 6.70m mast             | Not available | Not available | 7.84 |
| J1 Mast tilt forwards  | 18°           | 18°           | 10°  |
| J2 Mast tilt backwards | 10°           | 10°           | 10°  |
| K Load centre          | 0.50          | 0.50          | 0.50 |

The above data is based on the following specification: Standard fork size 1067 x 100 x 50 mm

### TURN RADIUS & GROUND LINE ANGLES

| Machine model           |   | 926  | 930  | 940  |
|-------------------------|---|------|------|------|
| Outside turn radius 2WD | m | 4.38 | 4.38 | 4.45 |
| Outside turn radius 4WD | m | 4.35 | 4.35 | 4.42 |
| Departure angle         |   | 53°  | 53°  | 53°  |
| Obstruction angle       |   | 51°  | 51°  | 51°  |

The above data based on the following specification: Standard fork size 1067 x 100 x 50 mm

### WEIGHT

| Machine model  |    | 926  | 930  | 940  |
|----------------|----|------|------|------|
| Overall weight | kg | 5910 | 6340 | 7500 |

The above data based on the following specification: Standard fork size 1067 x 100 x 50 mm

### ENGINE

|                                    |         | 926/930/940                  |
|------------------------------------|---------|------------------------------|
| Model                              |         | JCB Diesel TC-55             |
| Displacement                       | litres  | 4.4                          |
| Fuel                               |         | Diesel                       |
| Cooling                            |         | Liquid                       |
| Bore                               | mm      | 103                          |
| Stroke                             | mm      | 132                          |
| Gross power – ISO 14396 @ 2200rpm  | kW (hp) | 55.0 (74)                    |
| Gross torque – ISO 14396 @ 1300rpm | Nm      | 327                          |
| Emission certification             |         | EC Stage IIIA/USA EPA Tier 3 |
| Engine oil service intervals       |         | 500 hours                    |

### TRANSMISSION

For unbeatable drive power in all conditions, the JCB Synchro Shuttle combines a 4-speed, fully synchromesh gearbox with integral torque converter and electrically operated reversing shuttle for smooth gear changes on the move and fast cycle times. Column mounted electric switch effortlessly controls machine direction changes allowing operator to keep hands on steering wheel. Automotive style pedal layout and conventional H-pattern gear lever add to ease of operation. Travel speed 29kph (18mph).

**Front drive axle:** JCB epicycle hub reduction drive axle with Max-Trac torque proportioning differentials.  
**Rear steer axles:** JCB manufacture with hydrostatic power steering. Steer shock valve as standard.  
 4WD versions with epicyclic hub reduction and Max-Trac torque proportioning differentials.

### BRAKES

**Service brakes:** Hydraulically activated, self-adjusting, oil-immersed in-board multi-disc type in front axle (926/930). Optional Hydraulic Servo assisted, self adjusting brakes on (926/930) standard on 940.  
**Parking brake:** Hand operated disc brake on output of gearbox.

### MASTS AND CARRIAGES

Clearview masts manufactured from channel and I-section steel. Heavy-duty mast chains. Guide roller bearings are sealed for life. Industrial class IIIB carriage, or bar carriage available on various masts. Adjustable right hand tilt ram.

### TYRES

| Machine model  |  | 926         | 930         | 940         |
|----------------|--|-------------|-------------|-------------|
| Standard tyres |  | 16.5/85-24  | 16.5/85-24  | 16.5/85-24  |
| (UK) Front     |  | Traction    | Traction    | Traction    |
| Rear 2WD       |  | 12.5/80-18  | 12.5/80-18  | 12.5/80-18  |
|                |  | Rib and bar | Rib and bar | Rib and bar |
| Rear 4WD       |  | 12.5/80-18  | 12.5/80-18  | 12.5/80-18  |
|                |  | Traction    | Traction    | Traction    |

### HYDRAULICS

Single gear pump with steer priority valve, suction strainer and filter. Operating system pressure: 221 bar, flow 55 ltr/min. Pipe burst protection on mast hydraulics.

### AUTOMATIC DERATION

Deration valve: 5.5m and 6.70m are fitted with a deration valve which automatically reduces lift capacity above 4.5m for safety and stability.

### SERVICE CAPACITIES

|                | litres |
|----------------|--------|
| Fuel tank      | 88     |
| Hydraulic tank | 60     |
| Coolant        | 17     |

### ELECTRICS

12v negative earth. 95Ah battery. 65 amp alternator. Full road lighting, direction indicators, hazard warning reverse and fog light.

### OPERATOR MODULE

Safety quiet cab or canopy, FOPS standard (falling object protective structure) to FEM Section IV and ANSI B56.6 – 1978.

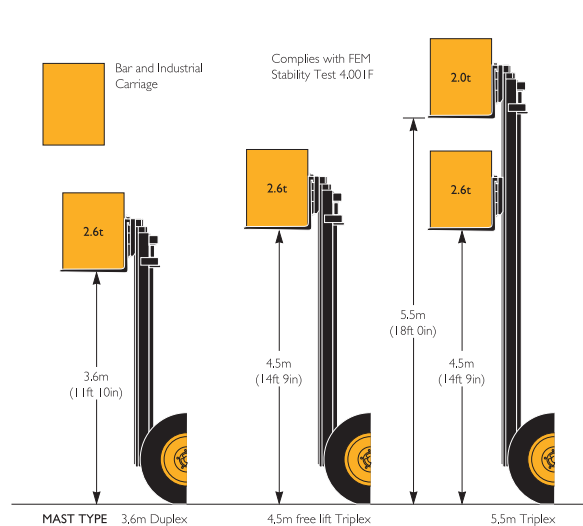
**Cab:** Resiliently mounted, two door access, level floor with mat, safety glass all round with laminated roof window, bolt on roof bars. Fitments include: velour seat, rear view mirror and 2 speed heater/demister. Front/Rear screen wiper and washer, horn. Handbook. Instruments for hourmeter battery charge. Audible/Visual warning system for alternator charge, coolant temperature, engine oil pressure, blocked air filter, transmission oil pressure and temperature. Warning lights for: main beam, hazard warning, park brake on, direction indicators. Hydraulic control levers, gear lever, park brake, forward/reverse lever, 4WD disconnect, throttle, brake, and transmission disconnect pedal.

**Canopy:** As above but with no glazing (screen wiper and heater/screen demister not applicable), and rear fenders are standard.

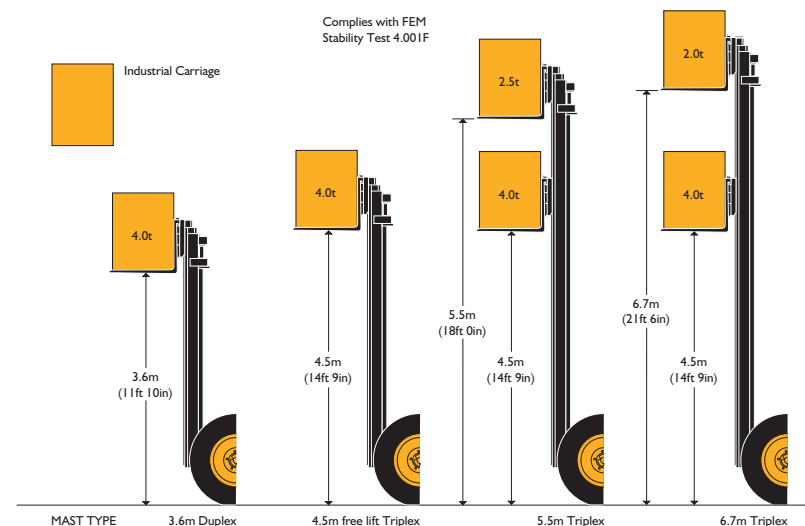
### OPTIONS AND ATTACHMENTS

Auxiliary carriage services via hose reel for powered attachments. Wheel and tyres sets. Tinted cab glazing. Suspension seat. Seat belt. Roof screen wash/wipe. Flashing roof beacon. Fire extinguisher. Cab exterior mirrors. Front screen bars. Optional rear fenders. Reversing lights. Propshaft guards. Air pre-cleaner. Engine fan guard kit. Contact your local dealer for details of the comprehensive range of attachments.

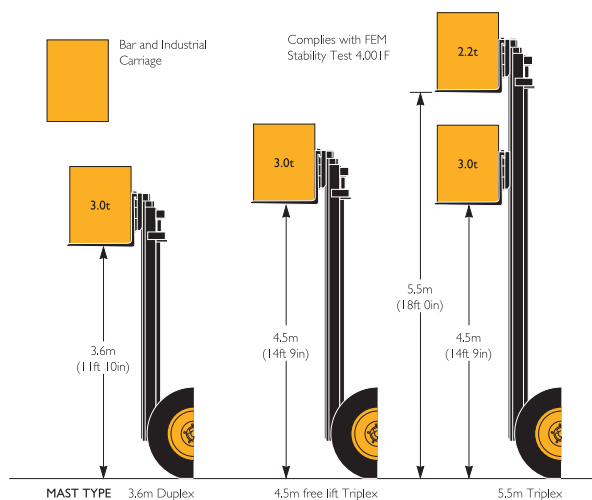
### 926 CAPABILITIES



### 940 CAPABILITIES



### 930 CAPABILITIES







### **Rough Terrian Fork Lift**

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Operating Capacity: 2.6 to 4 tonnes

Operating Weight: 5910kg to 7500kg

Your nearest JCB dealer