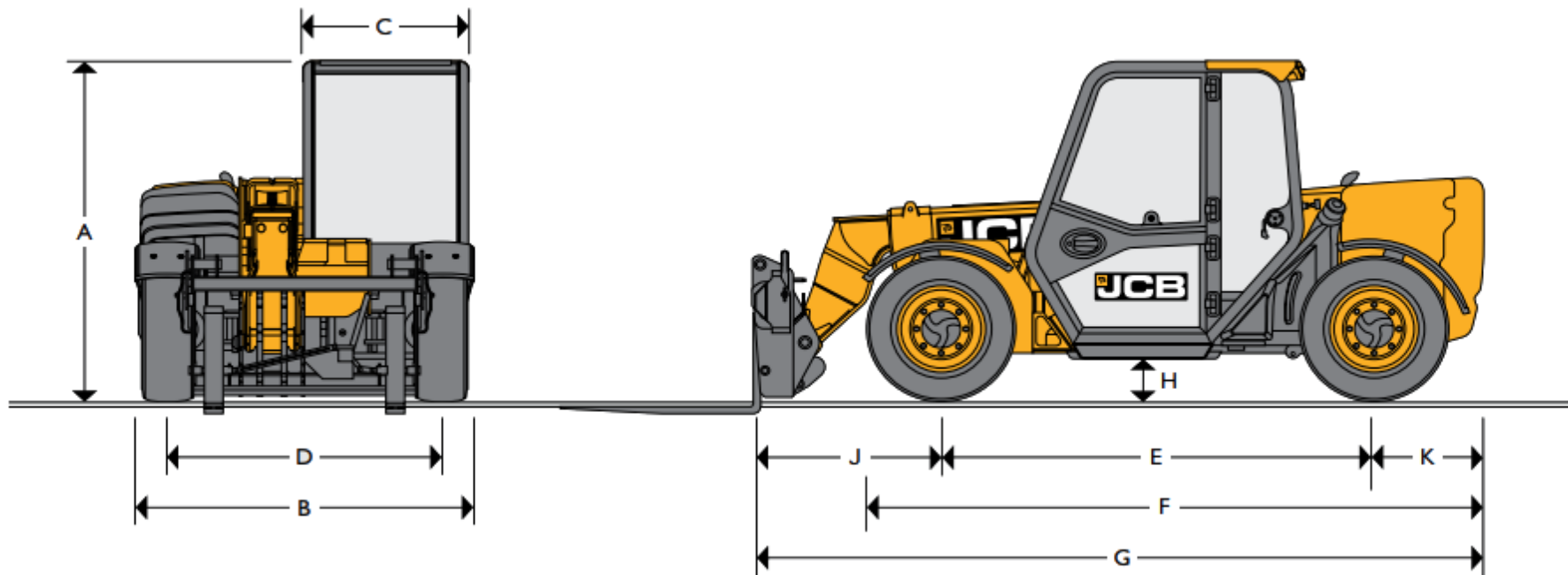
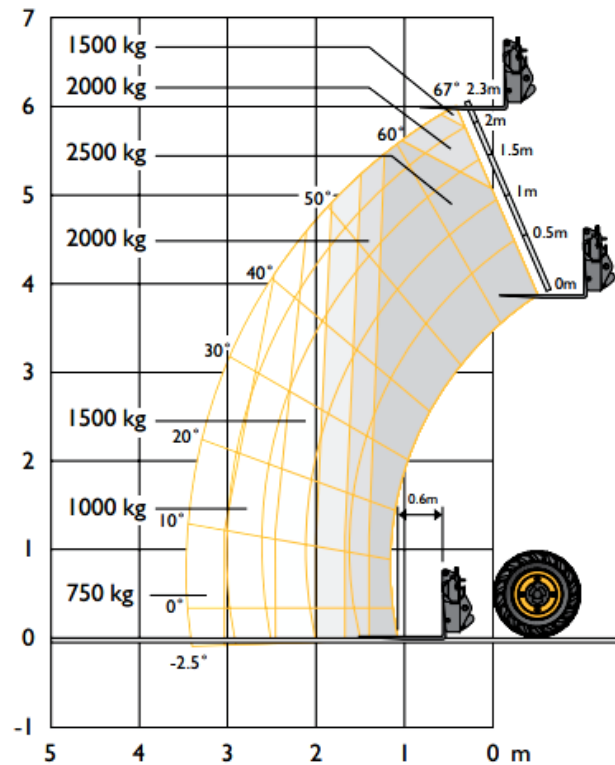




### Static Dimensions

|          |                                  |             |
|----------|----------------------------------|-------------|
| <b>A</b> | Overall Height                   | 1.89 m      |
| <b>B</b> | Overall width (over tyres)       | 1.84 m      |
| <b>C</b> | Inside width of cab              | 0.88 m      |
| <b>D</b> | Front track                      | 1.53 m      |
| <b>E</b> | Wheelbase                        | 2.39 m      |
| <b>F</b> | Overall Length to front tyres    | 3.38 m      |
| <b>G</b> | Overall Length to front carriage | 4 m         |
| <b>H</b> | Ground clearance                 | 0.23 m      |
| <b>J</b> | Front wheel centre to carriage   | 1.02 m      |
| <b>K</b> | Rear wheel centre to rear face   | 0.6 m       |
|          | Outside turn radius (over tyres) | 3.7 m       |
|          | Carriage roll back angle         | 11 degrees  |
|          | Carriage dump angle              | 114 degrees |
|          | Weight                           | 5490 kg     |



## LIFT PERFORMANCE

|                                                |          |
|------------------------------------------------|----------|
| Maximum Lift Capacity                          | 2500 kg  |
| Lift capacity to full height                   | 1500 kg  |
| Lift capacity at full reach                    | 750 kg   |
| Lift height                                    | 6 m      |
| Reach at maximum lift height                   | - 0.15 m |
| Maximum forward reach (to front of carriage)   | 3.5 m    |
| Reach with 1.2 tonne load                      | 2.64 m   |
| <i>Complies with stability test AS 1418.19</i> |          |

## Engine

Latest Tier 4 Final technology and advanced design provides low fuel consumption, reduced noise, high torque and power output, total reliability and minimal maintenance. Two-stage, dry type air filter with primary and safety elements. Territory dependent.

|                          |                      |
|--------------------------|----------------------|
| Manufacturer             | JCB Diesel by Kohler |
| Displacement             | 2.5 litres           |
| No. of cylinders         | 4                    |
| Bore size                | 88 mm                |
| Stroke                   | 102 mm               |
| Aspiration               | Turbocharged cooled  |
| <b>Power Rating</b>      |                      |
| Power @ 2200 rpm         | 55 kW / 74 hp        |
| Torque rating            |                      |
| <b>Torque @ 1500 rpm</b> | 300 Nm               |

## HYDRAULICS

Two stage gear pumps, fitted with suction strainer and filler. One boom end auxiliary hydraulic service fitted as standard.

|                                    |                |
|------------------------------------|----------------|
| Operating system pressure          | 235 bar        |
| Flow at system pressure @ 2200 rpm | 80 ltr/min     |
| <b>Hydraulic cycle times</b>       | <b>Seconds</b> |
| Boom Raise                         | 7.6            |
| Boom Lower                         | 5.3            |
| Boom Extend                        | 7.5            |
| Retract                            | 3.7            |
| Bucket Dump                        | 1.9            |
| Bucket Crowd                       | 2.9            |

## BOOM AND CARRIAGE

Boom is manufactured from high tensile steel. Low maintenance, hard wearing pads. JCB Q-Fit, JCB compact toolcarrier, Skid-Steer.

## BRAKES

**Service brakes:** Hydraulically operated self-adjusting, oil-immersed in-board multi-disc type mounted on front axle.

**Parking Brake:** SAHR Handbrake self adjusting, oil immersed in-board multi disc type mounted on front axle operated by in-cab switch.

## STEERING

Hydrostatic power steering with power track rods on both axles.

**Three steer mode options:** Front wheel steer, all wheel steer, crab steer, operated from in the cab by a selection lever.

**Option:** In cab selector switch with Auto Align

## TRANSMISSION

Closed loop variable displacement pump with a continuously variable hydrostatic drive. Comprising of a hydraulic motor and control unit. Permanent 4-wheel drive. Travel speed: 25kph (15mph), 20kph (12mph) (TUV).

|            | Forward | Reverse |
|------------|---------|---------|
| Low Range  | 8 kph   | 8 kph   |
| High Range | 25 kph  | 25 kph  |

## AXLES

**Front and rear drive axles:** epicyclic hub reduction drive/steer axles with torque proportioning differentials.

## ELECTRICS

|                   |            |
|-------------------|------------|
| System voltage    | 12 V       |
| Alternator output | 80 Amp/hr  |
| Battery Capacity  | 120 Amp/hr |

*Full road lighting. Reverse light. Direction indicators. Hazard warning. Reverse alarm.*

## SERVICE FILL CAPABILITIES

|                  |           |
|------------------|-----------|
| Hydraulic system | 65 litres |
| Fuel tank        | 75 litres |

*Full road lighting. Reverse light. Direction indicators. Hazard warning. Reverse alarm.*

### CAB

Quiet, safe and comfortable cab conforms to ROPS ISO 3471 and FOPS ISO 3449. Tinted glass all round, with laminated roof screen. Roof bars, front screen and roof screen wipers and heater/ screen demister. Rear opening window with wash/wipe. Audio-visual warning system for coolant temperature, engine oil pressure, air-cleaner, battery charge, transmission oil temperature and pressure, water in fuel, hour meter, road speed indicator, fuel gauge, engine temperature, clock and inclinometer. Adjustable suspension seat, tilt steer column, park brake, floor mounted throttle and brake pedals.

**Hydraulic Controls:** Single lever servo joystick, incorporating forward/neutral/reverse, with progressive extend/retract and auxiliary incorporating constant flow facility.

**Load Moment Indicator:** Automatic eye level audio-visual load moment indicator warning system receiving a signal from a load sensor on the rear axle. This system continuously monitors the machine's forward stability and leaves the operator in control at all times.

### OPTIONS AND ACCESSORIES

**Options:** Canopy, front and rear working lights, rotating flashing beacon, fire extinguisher, front screen guard, air conditioning, 2 boom end auxiliary services, sunblind, radio kit, carriage hydraulic locking, limited slip differential in front axle, air suspension seat, 2-speed and intermittent front wash/wiper.

**Attachments:** Contact your local dealer for details of the comprehensive range.