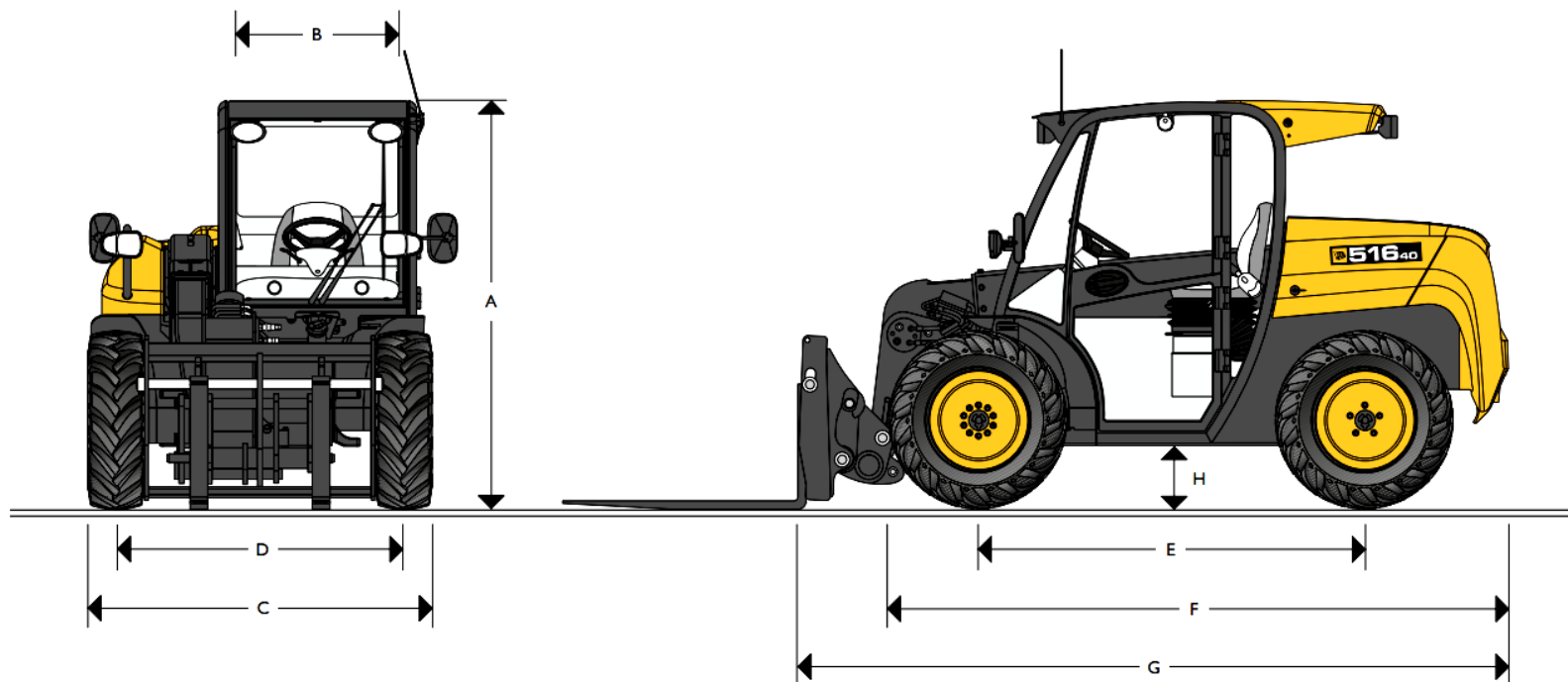




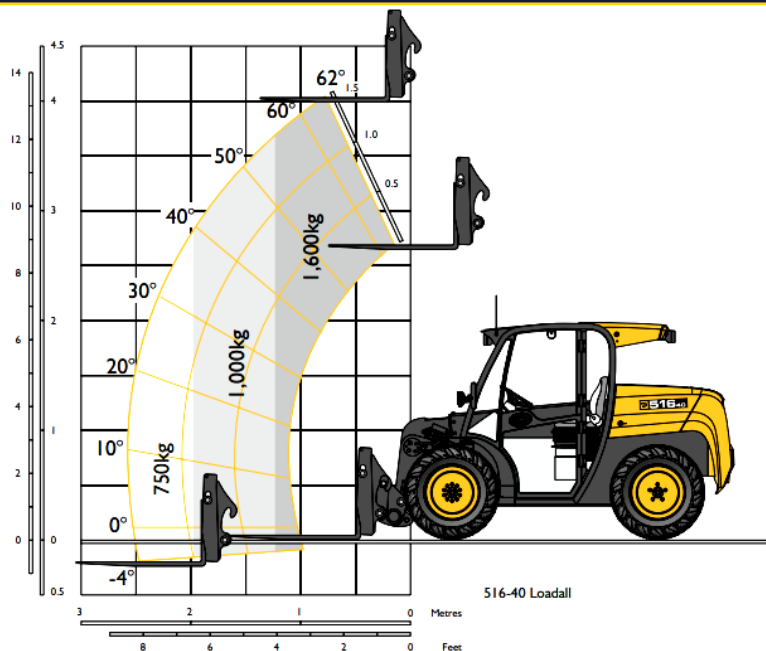
516-40 Telehandler 4M

SPECIFICATION SHEET



Machine Specifications

A Overall Height	1.80 m	Outer turn radius over tyres	2.80 m
Overall Height with wiper	1.84 m		
B Inside width of cab	0.87 m	Carriage roll back angle at ground	35/30 degrees
C Overall Width (over tyres)	1.56 m	Carriage dump angle at max height	30/35 degrees
D Front track	1.30 m	Weight (operating weight)	3421 kg
E Wheelbase	1.75 m	Tyres	255/75-15.3 traction
F Overall length to front tyres	2.80 m		10.0/75-15.3 industrial
G Overall length to front carriage	3.23 m		10.0/75-15.3 semi-turf
H Ground Clearance	0.24 m		



LIFT PERFORMANCE

Lift capacity to full height	1600 kg
Lift capacity at full reach	750 kg
Maximum Lift height	4045 m
Reach at maximum lift height	460 m
Maximum forward reach	2535 m

Complies with stability test EN 1459 Annex B.

BRAKES

Service brakes	Hydraulically activated, drum brake on the front wheel motors
Parking brake	Manually operated drum brake on the front wheel motors

ENGINE

Engine Model	KOHLER KDW2204 CHD
Displacement	2.2 litres
Fuel	Diesel
Cooling	Liquid
Bore	88 mm
Stroke	90.4 mm
Gross Power @ 2800 rpm	
ISO 14396	35 (47) kW (hp)
Gross torque @ 1600 rpm	
ISO 14396	130 Nm
Emission Certification	EC Stage IIIA / USA EPA Tier 3
Engine Oil Service Intervals	500 hours

TRANSMISSION

Type	Hydrostatic
Model	Rexroth AA4VG
Low Range	8.08 mph (forward & reverse)
High Range	16.16 mph (forward & reverse)

ELECTRICAL SYSTEM

System voltage	12 Volt
Alternator output	80 Amp Hour
Battery capacity	62 Amp Hour

SERVICE CAPABILITIES

Fuel Tank	27 litres
Hydraulic Tank	25 litres
Engine Oil Sump	8 litres
Engine Coolant System	22 litres

HYDRAULICS

Main service pump operating system pressure	230 bar
Flow at system pressure (@2800rpm)	56 ltr/min
Maximum auxiliary flow (@230bar)	56 ltr/min
Cycle times	Seconds
Boom raise	6.6
Boom lower	3.9
Extend	5
Retract	3.7
Bucket dump	2.5
Bucket crowd	3.3

ELECTRICS

12V Negative earth. 62Ah heavy duty battery. 80amp alternator. Full road lighting. Reversing light. Direction indicators. Hazard warning. Reverse alarm.

BOOM & CARRIAGE

Boom is manufactured from high tensile steel. Low maintenance, hard wearing pads. JCB compact tool carrier parallel lift carriage with manual or hydraulic pin locking, accepts forkframe with integral pallet forks and a wide range of attachments. Compact Tool Carrier: Compact Loadall compatibility. Skid Steer Tool Carrier: Skid steer universal compatibility hitch.

STEERING

Full hydrostatic power steering. Permanent 4WS with 32° lock front and rear axles provides exceptional manoeuvrability.

CAB

Quiet, safe and comfortable cab conforms to ROPS ISO3471 and FOPS ISO 3449. Radio console. Arm rest. Tinted glass all round with laminated front and roof screen. Front, rear screen wash/wipe and heater/screen demister. Opening door window. Optional air conditioning or face-level fan. Visual warning system for coolant temperature, engine oil pressure, air cleaner, battery charge, transmission oil pressure, engine temperature, fuel gauge and hourmeter.

Boom control joystick incorporating forward/reverse switch. Throttle and brake pedals floor mounted. Optional fabric or vinyl adjustable, suspension seat with side mounted park brake lever. 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: Road lights, work lights, rotating flashing beacon, fire extinguisher, front screen guard, sun blind, traction, industrial or semi-turf tyres, mechanical or hydraulic compact tool carrier quickhitch or Skid Steer quickhitch, battery isolator, air conditioning, face level fan, radio/speaker kit, reverse alarm, high-vis mirror, cesar data tag kit, wheel chock, grease gun, lifting points.

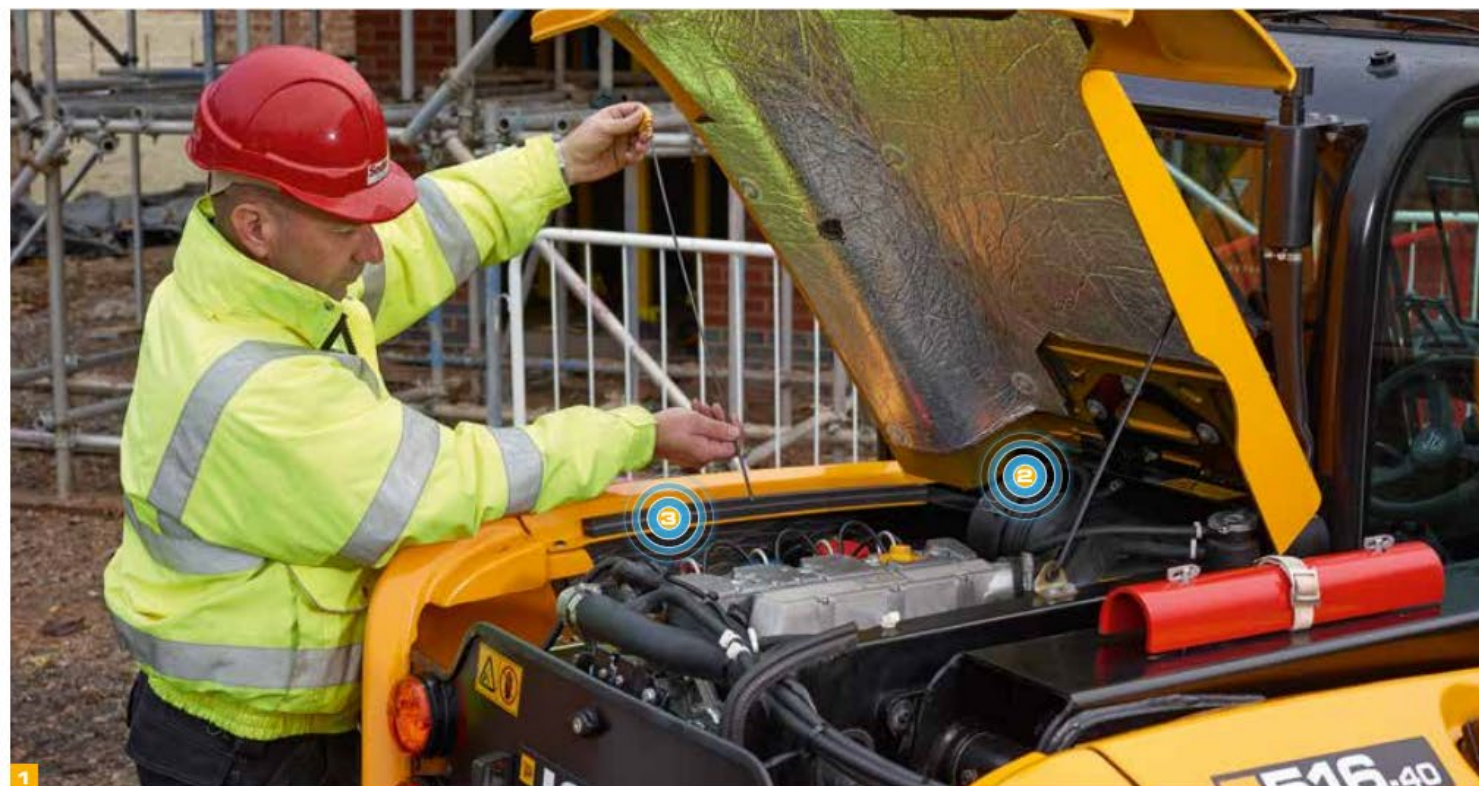
Attachments: GP shovel with toeplate, industrial or floating forks, power grab, sweeper/collector.

AT YOUR SERVICE.

THE JCB 516-40 IS AN EXCEPTIONALLY EASY MACHINE TO SERVICE AND MAINTAIN. AFTER ALL, KEEPING DOWNTIME TO A MINIMUM IS CRUCIAL TO ACHIEVING ULTIMATE PRODUCTIVITY. IN SHORT, KEY COMPONENTS ARE HARD-WEARING AND STRAIGHTFORWARD TO ACCESS.

Minimised downtime.

- 1 All daily checks and grease points are easily located at ground level on the JCB 516-40.
- 2 Every filter is simple to access for fast, easy servicing; the air filter features a double-element construction to aid cleaning.
- 3 The battery is located under the bonnet but it's also accessible using only the ignition key, with no special tools required.



- 4 Filling the diesel tank is straightforward and can be done from ground level.

- 5 JCB wear pads use a dry lubricant system which prolongs degradation and, therefore, service life. Accordingly, wear pad service intervals are 500 hours, compared with 250 hours on typical competitor machines.



