Sandvik LH115L is a 5.5 tonnes Low Profile loader. Sandvik LH115L builds on the proven base of its predecessor EJC115L with modern safety improvements. Based on the reliable and simplified design, the new Sandvik LH115L has a high availability and it is easy to maintain, which results in optimized lifetime operational costs.

Sandvik LH115L complies with the latest safety requirements and with powerful drivetrain, robust frame designed for low profile operations and simplified electrics, is optimized to provide high levels of availability and unequalled productivity in the harshest African conditions.
## TRANSMISSION

Power shift transmission with modulation.

| Dana R32421, hydraulic gear shift control, three gears forward and reverse |

## REQUIREMENTS AND COMPLIANCE

Compliance with 2006/95/EC Low voltage directive.

Compliance with 2004/108/EC Electromagnetic compatibility directive.


## POWER TRAIN

**ENGINE**

- **Diesel engine**: Deutz BF4M2012C
- **Output**: 86 kW @ 2200 rpm
- **Torque**: 445 Nm @ 1500 rpm
- **Number of cylinders**: In-line 4
- **Displacement**: 4.0 l
- **Cooling system**: Liquid cooled
- **Combustion principle**: 4-stroke, turbo with intercooler
- **Air filtration**: Two stage filtration, dry type
- **Electric system**: 24 V
- **Emissions**: Tier 2, Euro Stage II
- **Exhaust system**: Double wall exhaust pipe with catalytic purifier/muffler
- **Average fuel consumption at 40 % load**: 11 l/h
- **Fuel tank refill capacity**: 100 l

## CONSUMER'S COMPARTMENT

**DASHBOARD AND DISPLAYS**

Critical warnings and alarms displayed as warning lights

Instrument panel with electric gauges, diagnostic display for engine functions/info and illuminated switches

**STEERING HYDRAULICS**

Hydraulically operated, center-point articulation, power steering with one double acting cylinder. Steering controlled by hydraulic joystick. Interlock protection.

- **Steering main valve**: Open center type
- **Steering hydraulic cylinders**: 125 mm, 1 pc
- **Steering pump**: Gear type
- **Steering and servo hydraulic pumps**: No additional steering pump or separate servo hydraulic pump.

## AXLES

**Front axle**

- **Kessler D81, Spring applied hydraulically released brakes, Limited -slip differential, fixed**

**Rear axle**

- **Kessler D81, Spring applied hydraulically released brakes, No-spin differential, oscillating**

## TIRES

Tire size (Tires are application approved. Brand and type subject to availability.)

| 1400-24-20 ply TT L55 |

## REQUIREMENTS AND COMPLIANCE

Compliance with 2006/95/EC Low voltage directive.

Compliance with 2004/108/EC Electromagnetic compatibility directive.


## FRAME

**REAR AND FRONT FRAME**

Welded structure, high strength steel

Central hinge with adjustable upper bearing

Tanks bolted and tag welded

Centralized manual lubrication

## HYDRAULICS

- Door interlock for brakes and boom, bucket, and steering hydraulics
- Oil cooler for hydraulic and transmission oil
- ORFS and SAE fittings
- ORFS and SAE hoses
- Hydraulic oil tank capacity 189 l
- Sight glass for oil level, 2 pcs

## OPERATIONAL CONDITIONS AND LIMITS

- **Environmental temperature**: From -20° C to +50° C
- **Standard operating altitude**: Below 2500 m

## CONVERTER

Dana C272

## OPERATIONAL CONDITIONS AND LIMITS

- **Environmental temperature**: From -20° C to +50° C
- **Standard operating altitude**: Below 2500 m
BUCKET HYDRAULICS

The oil flow from steering hydraulic pump is directed to bucket hydraulics when steering is not used. Joystick bucket and boom control (hydraulic), equipped with gear pump that delivers oil to the bucket hydraulic main valve.

Boom system
Straight boom
Lift cylinders
160 mm, 2 pcs
Dump cylinder
160 mm, 1 pc
Main valve
Open center type
Pump for bucket hydraulics
Gear type

ELECTRICAL EQUIPMENT

MAIN COMPONENTS

Alternator
24 V, 70 A
Batteries
2 x 12V
Starter
4 kW, 24 V
Driving lights
5 pcs in front, LED lights
4 pcs in rear, LED lights
Additional lights
Directional lights, red/green
Reverse alarm
Flashing beacon

GRADE PERFORMANCE

Deutz BF4M2012C

Empty

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<th>0.0</th>
<th>2.0</th>
<th>4.0</th>
<th>6.0</th>
<th>8.0</th>
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Loaded

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INCLUDED SAFETY FEATURES

FIRE SAFETY

Portable fire extinguisher, 2 x 9 kg
Heat insulation on exhaust manifold, turbo, and isolated exhaust pipe

ENERGY ISOLATION

Lockable main switch, ground level access
Emergency stop push buttons according to EN ISO 13850
Pressure release in the radiator cap
Automatic discharge for pressure accumulators (brake system and pilot circuit)
Frame articulation locking device
Mechanical boom locking device
Wheel chocks and brackets

DOCUMENTATION

STANDARD MANUALS

Operator’s Manual
English
Maintenance Manual
English
Parts Manual
English
Service and Repair Manual
English
ToolMan
2 x USB stick in PDF format, includes all the manuals
Decals
English

OPTIONS

Proximity Detection System Interface
Fire suppression system ANSUL, 1 tank, 6 nozzles, including auto shutdown
Spare rim 10.00 x 24
Spare wheel 14.00-24 (foam filled)
Spare wheel 14.00-24 (air filled)
Foam filled tyres
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