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DIECI

Samson 40.11

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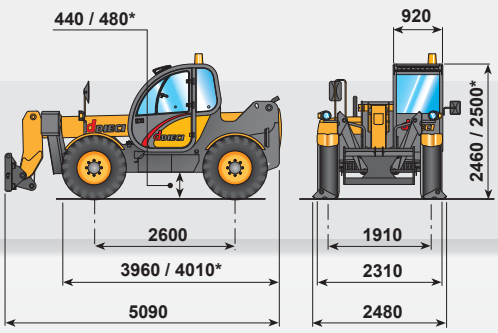
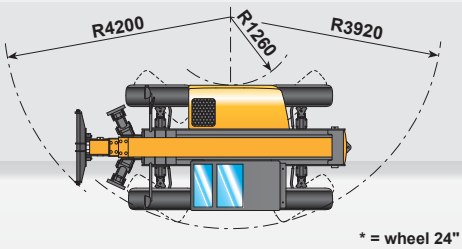
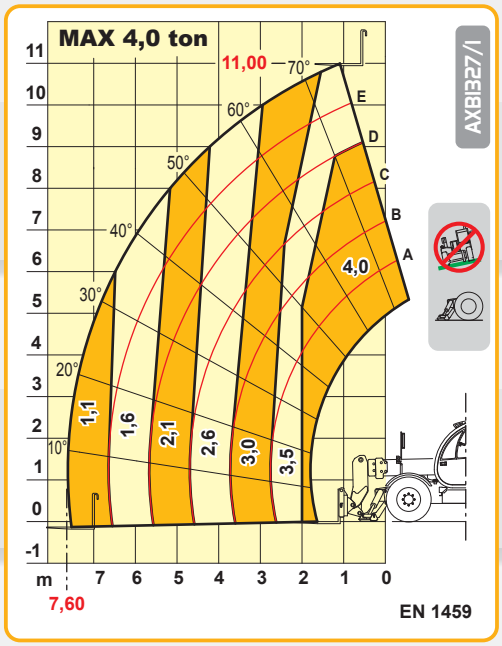
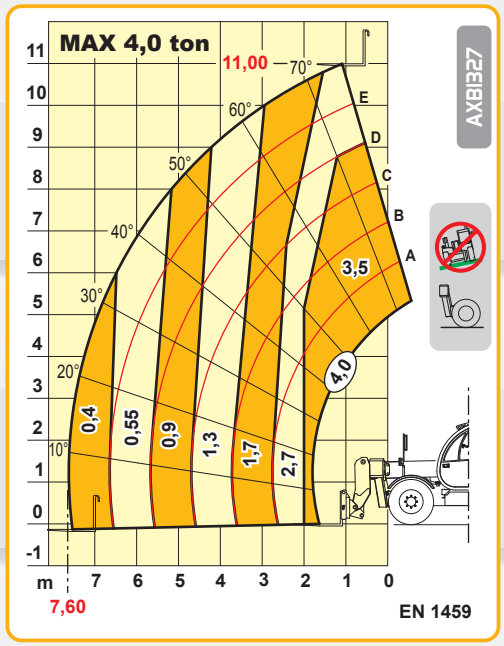




* = wheel 24"





PERFORMANCES

Maximum capacity:..... 4.000 kg
Capacity at maximum height on stabilizers:..... 3.500 kg
Capacity at maximum height on tyres:..... 2.700 kg
Capacity at maximum boom extension on stabilizers:... 1.100 kg
Capacity at maximum boom extension on tyres:..... 400 kg
Maximum lifting height:..... 11,00 m
Maximum horizontal boom extension:..... 7,60 m
Boom extension at maximum height:..... 1,05 m
Fork tilting angle:..... 134°
Tearing force:..... 5.700 daN
Towing force:..... 7.300 daN
Maximum allowable slope:..... 40 %
Total empty weight:..... 9.900 kg
Max speed:..... 30 km/h
(on request 40 km/h with TC and TA engine)

TRANSMISSION

Transmission:..... hydrostatic with variable delivery pump
Hydraulic engine:..... with automatic adjustment
Reversing gear:..... electro - hydraulic
Inching pedal for controlled forward movement.
Servocontrolled 2 speed gearbox.

HYDRAULIC SYSTEM

Gear pump with capacity at max speed:.....100 lt/1'
Max working pressure:..... 230 bar
Control valve with joystick:..... 3 in 1

DIFFERENTIAL AXLES

Steering axles:..... 2, with planetary reduction gears
Type of steering:..... 4 wheels / transversal / 2 wheels
Front axle:..... rigid (levelling on request)
Rear axle:..... oscillating
Service brake:..oil bath on the 4 wheels with double hydraulic system
Negative parking brake

ENGINE

IVECO NEF - TA - 74 kW ENGINE
Maximum power:.....74 kW (101 hp) at 2200 rpm
Operating principle:..... four-stroke, diesel engine
Cylinder number and layout:..... 4, vertical in line
Displacement:..... 4485 cm³ - Aftercooler turbo compressor
Cooling system:..... liquid

IVECO NEF - TA - 93 kW ENGINE
Maximum net power:..... 93 kW (127 HP) at 2200 rpm
Operating principle:..... four-stroke, diesel engine
Number of cylinders and layout:..... 4, vertical in line
Displacement:.....4485 cm³ - Aftercooler turbo compressor
Cooling system:..... liquid

REFUELLING (litre)

Hydraulic tank:..... 170
Fuel tank:..... 105

STANDARD DEVICES

Anti-tipping device with block for hazardous movements.
Hydraulic socket for possible accessories on boom head.
Closed soundproof ROPS - FOPS approved driver's cab, with heating.
Self-locking differential on front axle (limited slip 45%).
Stabilizers with independent hydraulic tilting.

TYRES

Tyres:.....16/70x20" MPT04
Alternative:..... 405/70x24" MPT04

OPTIONAL AND ACCESSORIES

Optional and Accessories:..... see the relevant catalogue

The information contained in this publication is merely indicative; the models described may be modified, without notice, by the manufacturer, drawings and photographs may refer to optional or particular equipment for other countries. For any further information, please contact DIECI premises at the address given below.

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