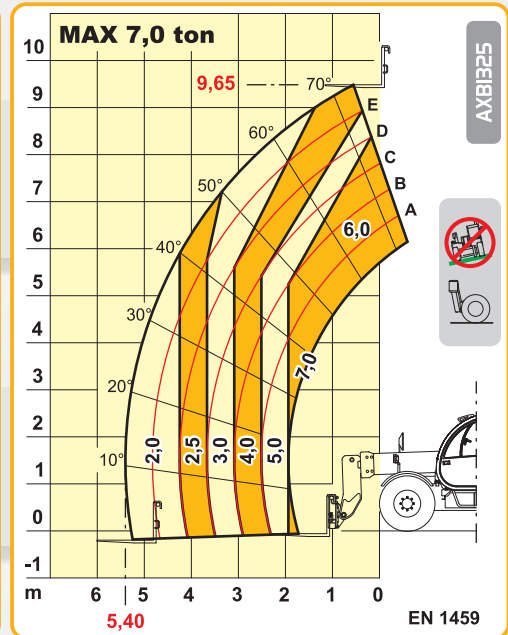
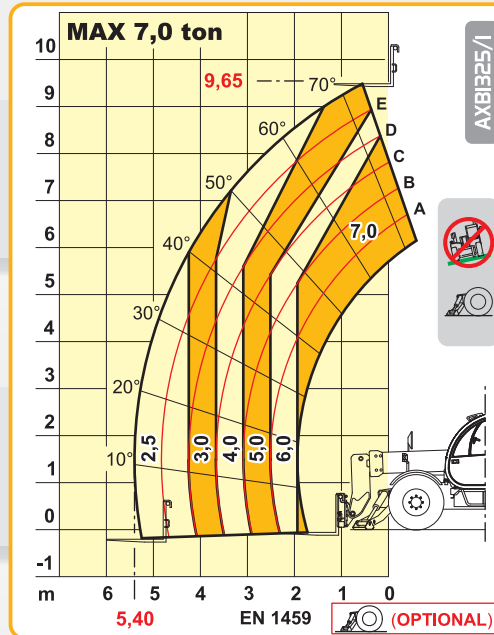
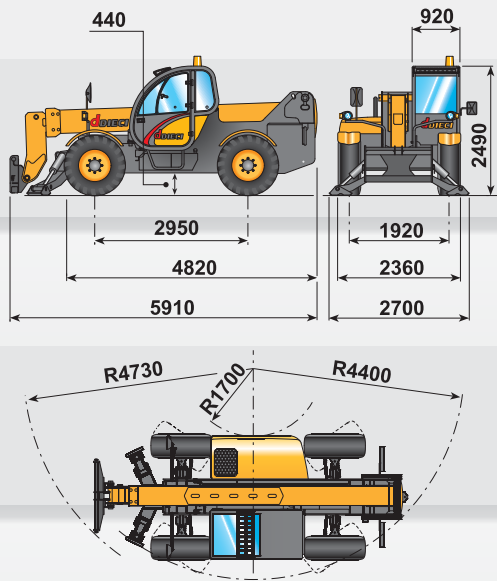


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# Samson 70.10



# Samson 70.10



## PERFORMANCES

Maximum capacity:..... 7.000 kg  
Capacity at maximum height on stabilizers (optional):... 5.000 kg  
Capacity at maximum height on tyres:..... 4.000 kg  
Capacity at maximum boom extension on stabilizers (optional):. 2.500 kg  
Capacity at maximum boom extension on tyres:..... 2.000 kg  
Maximum lifting height on stabilizers (optional):..... 9,65 m  
Maximum lifting height on tyres:..... 9,65 m  
Maximum horizontal boom extension:..... 5,40 m  
Boom extension at maximum height:..... 0,70 m  
Fork tilting angle:..... 134°  
Tearing force:..... 5.700 daN  
Towing force:..... 7.300 daN  
Maximum allowable slope:..... 40 %  
Total empty weight:..... 11.300 kg  
Max speed:..... 30 km/h  
(on request 40 km with 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 and servo-brake

Negative parking brake



## ENGINE

IVECO NEF F4GE0454A - TC - 74 kW ENGINE

Maximum power:..... 74 kW (102 hp) at 2300 rpm  
Operating principle:..... four-stroke, diesel engine  
Cylinder number and layout:..... 4, vertical in line  
Displacement:..... 4485 cm<sup>3</sup> - Turbo compressor  
Cooling system:..... liquid

IVECO NEF - TA - 93 kW ENGINE (Tier 3)

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 cm<sup>3</sup> - Aftercooler turbo compressor  
Cooling system:..... liquid



## REFUELLING (litre)

Hydraulic tank:..... 160  
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%).



## TYRES

Tyres:..... 18/22,5" - PR 20



## 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.