

PERFORMANCE	
Vehicle model	SAMSON 75.10
Maximum capacity	7500 kg (16535 lb)
Maximum lifting height	9,65 m (31,7 ft)
Maximum horizontal extension	5,40 m (17,7 ft)
Fork swiveling angle	134°
Pull-out force	5700 daN (12814 lbf)
Towing force	7300 daN (16411 lbf)
Maximum climb angle	40%
Unladen weight	12100 kg (26676 lb)
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Max speed (referred to wheels with maximum permitted diameter)	30 km/h (18,6 mph)
BOOM	
Vehicle model	SAMSON 75.10
Lifting	15,1 s
Descent	9,9 s
Extension	10,4 s
Retraction	4,1 s
Forward swiveling	4,6 s
Reverse swiveling	2,0 s
ENGINE	
Vehicle model	SAMSON 75.10
Brand	FPT
Nominal power	93 kW (125 HP)
@rpm	2200 rpm
Operation	4-stroke
	Mechanical direct
Injection	
Number and arrangement of cylinders	4, Vertical in line
Displacement	4485 cm³ (274 in³)
Consumption	230 g/kWh (378,35 lb/Hp h)
@rpm	2200 rpm
Emission standard	Stage IIIA/Tier 3
Cooling system	Liquid
Intake	Turbo compressor after-cooler
DIFFERENTIAL AXLES	
Vehicle model	SAMSON 75.10
Type of axles	2 steering, with 4 planetary reduction gears
Type of steering	4 wheels / transversal / 2 wheels
Front axle	Rigid (at Leveling request)
Rear axle	Swinging
Service braking	Oil bath with servo brake on front and rear axle with double hydraulic system
Parking braking	Negative actuation with electrical control
	regulate detailion man electrical control
HYDRAULIC SYSTEM	CAMCON TE 40
Vehicle model	SAMSON 75.10
Hydraulic pump type	Gear pump for power steering and movements
Hydraulic pump capacity	130 L/min (34,3 gal/min)
Max. operating pressure	26,0 MPa (3771 psi)
Distributor control	4in1 proportional Joystick
REFUELING	
Vehicle model	SAMSON 75.10
Hydraulic system (total)	160,0 L (42,27 gal)
Fuel tank	105,0 L (27,74 gal)
TRANSMISSION	
Vehicle model	SAMSON 75.10
Transmission type	Hydrostatic with variable flow pump
Hydraulic motor	Hydrostatic with variable now pump Hydrostatic with continuous automatic adjustment
Reversal	Electrohydraulic
neversul	With inching podal for controlled forward movement

Inching

TIRES
Vehicle model

Standard tires

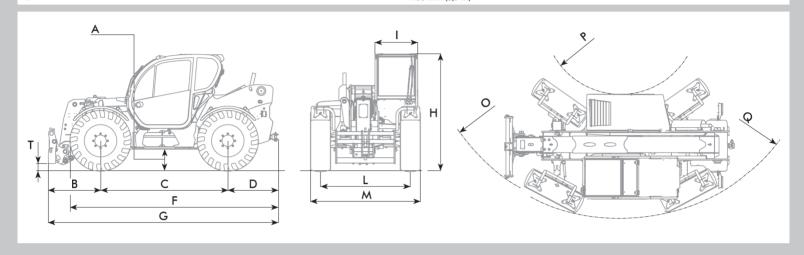
Transmission gearbox

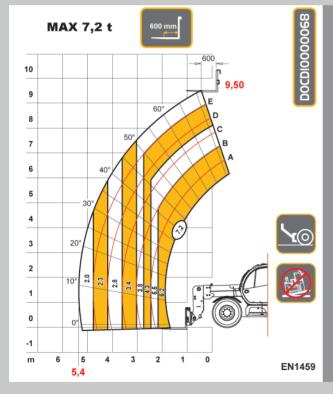
With inching pedal for controlled forward movement

Servocontrolled 2-speed

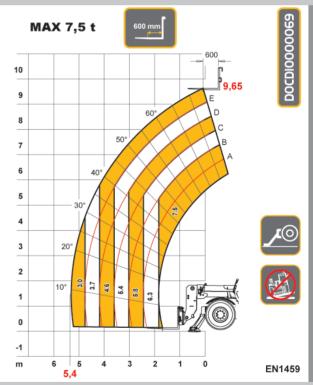
SAMSON 75.10

18x22.5"





75.10



/5.10

