

PERFORMANCE	
Vehicle model	RUNNER 40.13
Maximum capacity	4000 kg (8818 lb)
Maximum lifting height	12,40 m (40,7 ft)
Maximum horizontal extension	8,75 m (28,7 ft)
Fork swiveling angle	134°
Pull-out force	7300 daN (16411 lbf)
Towing force	7300 daN (16411 lbf)
Maximum climb angle	40%
Unladen weight	10420 kg (22972 lb)
Max speed (referred to wheels with maximum permitted diameter)	40 km/h (24,9 mph)
2001	
BOOM	DUNNES 10 42
Vehicle model	RUNNER 40.13
Lifting	10,0 s
Descent	5,9 s
Extension	18,6 s
Retraction	13,6 s
Forward swiveling	3,3 s
Reverse swiveling	2,1 s
ENGINE	
Vehicle model	RUNNER 40.13
Brand	FPT
Nominal power	93 kW (125 HP)
@rpm	2200 rpm
Operation	4-stroke
Injection	Mechanical direct
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	RUNNER 40.13
Type of axles	2 steering, with 4 planetary reduction gears
Type of steering	4 wheels / transversal / 2 wheels
Front axle	Rigid (Levelling upon 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

HYDRAULIC SYSTEM

Vehicle model RUNNER 40.13

Hydraulic pump type Gear pump for power steering and movements

Hydraulic pump capacity
130 L/min (34,3 gal/min)
Max. operating pressure
25,0 MPa (3626 psi)
Distributor control
4in1 proportional Joystick

REFUELING

 Vehicle model
 RUNNER 40.13

 Hydraulic system (total)
 168,0 L (44,38 gal)

 Fuel tank
 105,0 L (27,74 gal)

TRANSMISSION

Vehicle model RUNNER 40.13

Transmission type Hydrostatic with variable flow pump

Hydraulic motor Hydrostatic with continuous automatic adjustment

Reversal Electro-Hydraulic

Inching With hydraulic pedal for controlled forward movement

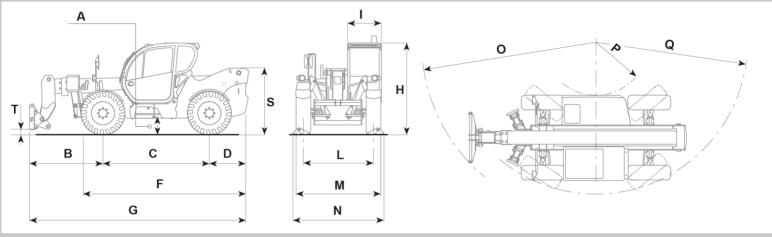
Transmission gearbox Servocontrolled 2-speed

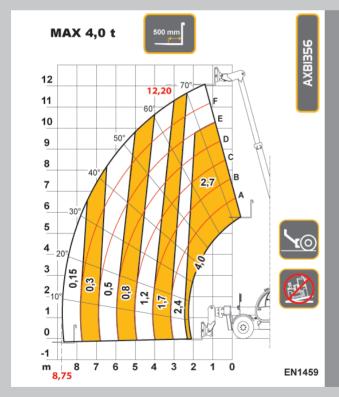
TIRES

 Vehicle model
 RUNNER 40.13

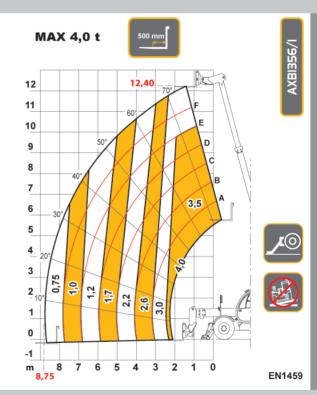
 Standard tires
 400/70x20"

 Optional tires
 400/70x24"; 18x22.5"





40.13



40.13

