

PERFORMANCE	
Machine model	RUNNER 40.13
Maximum capacity	4000 kg (8818 lb)
Maximum lifting height on wheels	12,20 m (40 ft)
Maximum horizontal extension on wheels	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)
BOOM	
Machine model	RUNNER 40.13
Lifting	10,0 s
Getting off the basket	5,9 s
Extension	18,6 s
Retraction	13,6 s
Forward swiveling	3,3 s
Reverse swiveling	2,1 s
ENGINE	
Machine model	RUNNER 40.13
Brand	Kubota
Nominal power	83,5 kW (112 HP)
erpm	2600 rpm
Operation	4-stroke
Injection	Electronic, Common Rail
Number and arrangement of cylinders	4, Vertical in line
Displacement	3769 cm³ (230 in³)
Consumption	231 g/kWh (380 lb/Hp h)
@rpm	2600 rpm
Emission standards	Stage IIIB/Tier 4i
Exhaust gas treatment	Particulate filter (DPF)
Cooling system	Liquid
Intake	Turbo compressor after-cooler
DIFFERENTIAL AXLES	
Machine model	RUNNER 40.13
Axles type	2 steering, with 4 planetary reduction gears
Type of steering	4 wheels / transversal / 2 wheels
Front axle	
	Rigid (Levelling upon request)
Rear axle	Rigid (Levelling upon request) Swinging

HYDRAULIC SYSTEM

Machine model RUNNER 40.13

Hydraulic pump type Gear pump for power steering and movements

Hydraulic pump capacity170 L/min (44,9 gal/min)Max. operating pressure25,0 MPa (3626 psi)Distributor control4in1 proportional Joystick

REFUELING

 Machine model
 RUNNER 40.13

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

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

TRANSMISSION

Machine 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

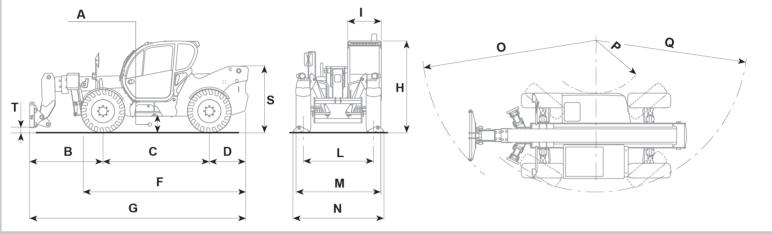
Transmission gearbox Servocontrolled 2-speed

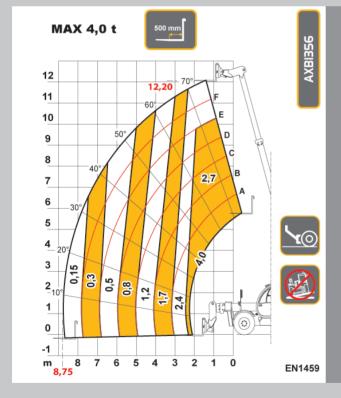
TIRES

 Machine model
 RUNNER 40.13

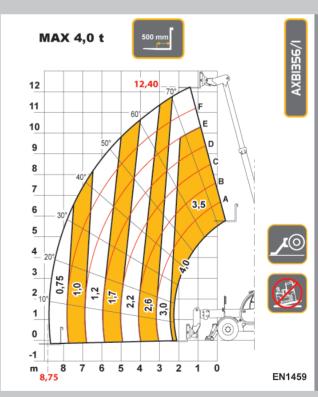
 Standard tires
 400/70x20"

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





40.13



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