

PERFORMANCE

Machine model	ICARUS 40.17
Maximum capacity	4000 kg (8818 lb)
Maximum lifting height on wheels	16,70 m (55 ft)
Maximum horizontal extension on wheels	11,60 m (38 ft)
Fork swiveling angle	134°
Pull-out force	5700 daN (12814 lbf)
Towing force	7300 daN (16411 lbf)
Maximum climb angle	40%
Unladen weight	12260 kg (27029 lb)
Max speed (referred to wheels with maximum permitted diameter)	35 km/h (21,7 mph)

BOOM

Machine model	ICARUS 40.17
Lifting	14,1 s
Getting off the basket	10,2 s
Extension	21,4 s
Retraction	14,1 s
Forward swiveling	3,3 s
Reverse swiveling	2,1 s

ENGINE

Machine model	ICARUS 40.17
Brand	Kubota
Nominal power	83,5 kW (112 HP)
@rpm	2600 rpm
Operation	4-stroke
Injection	Electronic, Common Rail
Number and arrangement of cylinders	4, Vertical in line
Displacement	3769 cm ³ (230 in ³)
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	ICARUS 40.17
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	Swinging
Service braking	≅ hy- Oil bath with servo brake on front and rear axle with double hydraulic system
Parking braking	Negative actuation with electrical control

HYDRAULIC SYSTEM

Machine model	ICARUS 40.17
Hydraulic pump type	Gear pump for power steering and movements
Hydraulic pump capacity	170 L/min (44,9 gal/min)
Max. operating pressure	25,0 MPa (3626 psi)
Distributor control	4in1 proportional Joystick

REFUELING

Machine model	ICARUS 40.17
Hydraulic system (total)	174,0 L (45,97 gal)
Diesel tank	105,0 L (27,74 gal)

TRANSMISSION

Machine model	ICARUS 40.17
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	ICARUS 40.17
Standard tires	400/70x24"
Optional tires	18x22.5"

DIECI ICARUS 40.17