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SNAKE 20

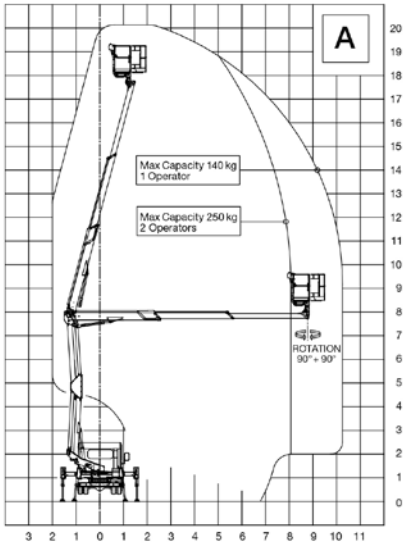
on Isuzu M21

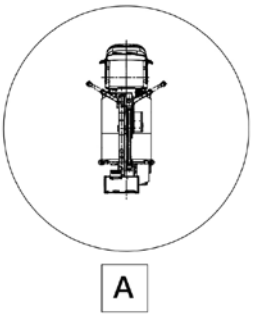
Snake 20 on Isuzu M21

Truck-mounted aerial work platform

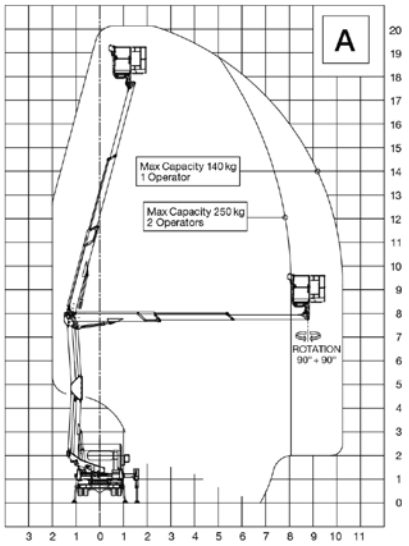
WORKING AREA

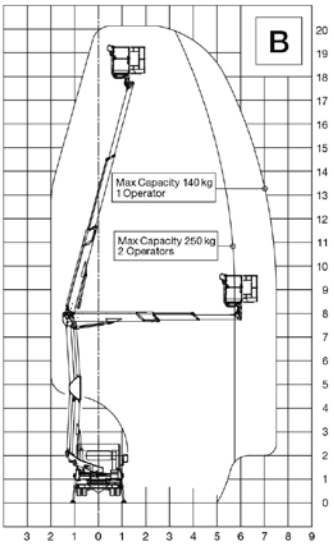
Front outrigger beams both extended

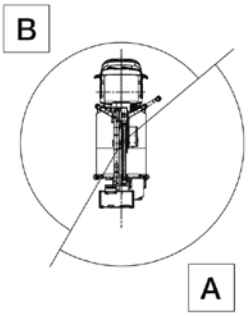




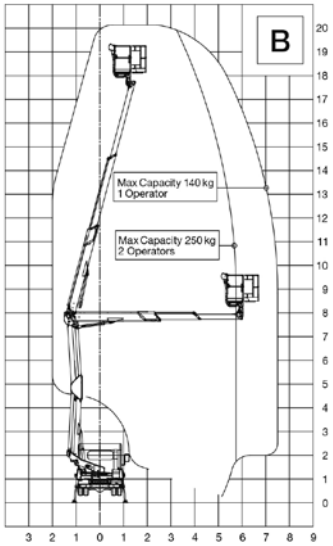
Front outrigger beams one extended and one retracted

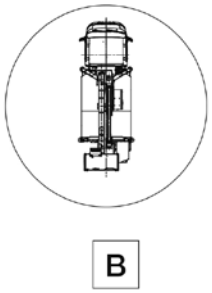




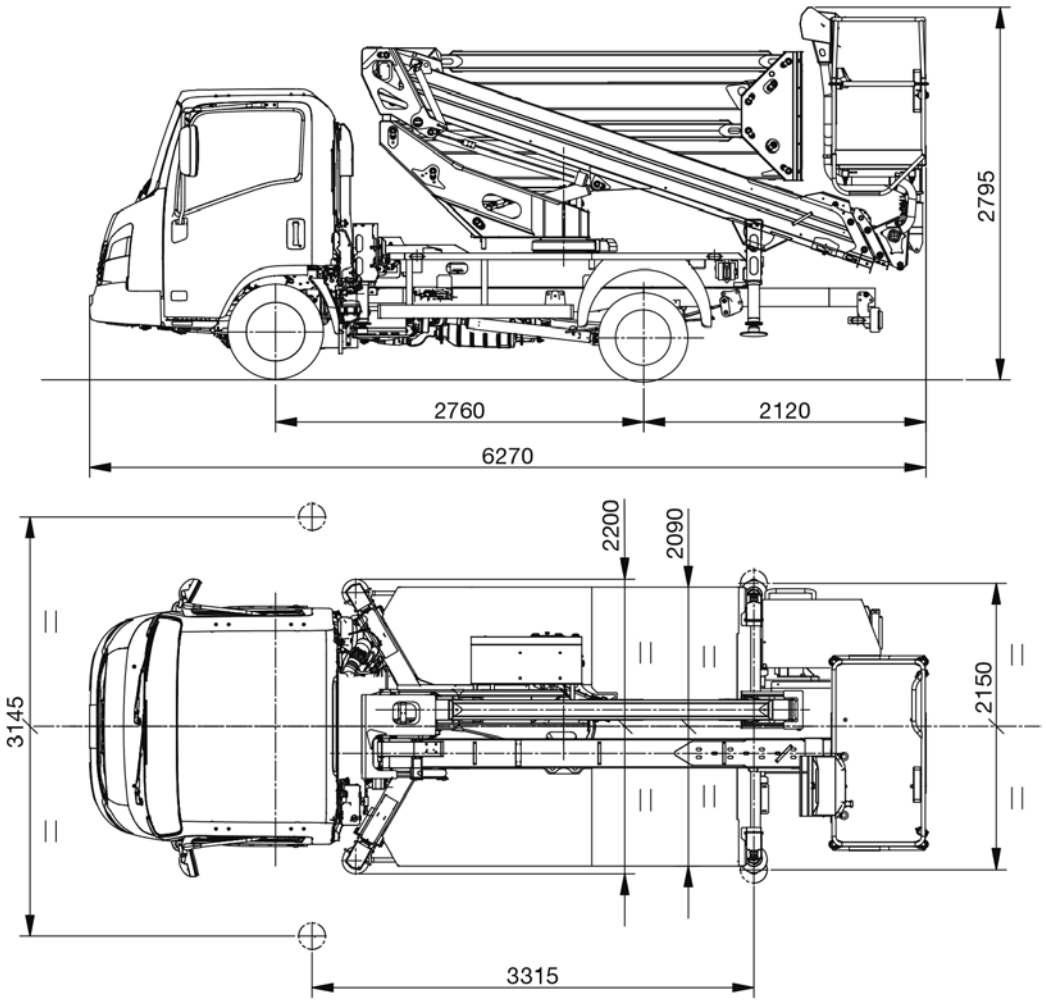


Front outrigger beams both retracted





TECHNICAL DRAWINGS



SPECIFICATIONS

Max working height	20.0 m
Max outreach	10.2 m
Max capacity	250 kg
Basket (materials and dimensions)	Alu 1.4 x 1.1 x 0.7 m
Controls	Electro-hydraulic platform controls, hydraulic outriggers
Turret rotation	400°
Basket rotation	+/- 90°
Outriggers	HE - H
Machine length	6270 mm
Machine height	2795 mm
Machine width	2200 mm

STANDARD EQUIPMENT

Truck

Isuzu M21, wheelbase 2760 mm – GVWR 3.5 t	Start & Stop
120 HP (88 kW) Euro VI OBD-E engine	Automatic headlight control (front Bi-LED headlights)
6-speed mechanical gearbox	Rear-view mirror with integrated rear-view camera
Twin rear wheels	Manual parking brake
70 L diesel fuel tank – 14 L AdBlue tank	Manual climate control
Lane Departure Warning System (LDW)	DAB+ radio with Bluetooth, USB and 6.2” display
Driver Drowsiness Warning (DDAW)	Driver and passenger airbag
Tyre Pressure Monitoring System (TPMS)	Tyres 205/70 R15C

Aerial Work Platform

Electric PTO engagement with automatic disengagement	Anti-collision system for extendable structure, cab and chassis
Audible warning when PTO is engaged and parking brake released	Variable stabilization (front beams: extended, retracted; one extended and one retracted)
PTO hour meter mounted on the vehicle dashboard	Manual pump for emergency lowering
Cab hour meter indicator lights displaying PTO engaged status and outriggers out of overall width	Emergency stop button bypass
Main engine (and optional auxiliary engine) start/stop from basket and turret	Outrigger plastic pads Ø 200 mm
Emergency stop button with engine shutdown in basket and turret	Hoses and cables routed inside the boom
Single-phase 220/110 V AC power socket on basket with RCBO	Access ladder to basket
Electro-hydraulic controls for platform control functions	Aluminium basket 1400 x 1100 x 700 mm, max occupancy: 2 persons
Hydraulic controls for outriggers	Basket hydraulic rotation 90° right – 90° left with rotary actuator
Hydraulic extension of outrigger beams	Metal protective covers for turret and basket controls
Outrigger beam extension/retraction lock with outriggers deployed	Thermal protection for the electrical system
Push-button panel with levers in basket	Load-holding valves on all cylinders
Emergency push-button panel for platform control functions located on the vehicle deck	Pressure relief valve in hydraulic circuit
Load moment monitoring and limiting system	Anti-slip aluminium floor
Boom angle/telescopic extension limitation system	Corrosion protection for structural components and stainless steel fasteners
Homing function and memory function	White and blue standard paint (RAL 9016 white – RAL 5002 blue)

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OPTIONAL

Truck

Non-standard cab paint finish
DAB+ radio with Bluetooth and 6.8” display with Apple CarPlay/Android Auto connectivity
All-season tyres

Aerial Work Platform

Fiberglass basket 1400 x 700 x 1100 mm (replacing the standard basket)
Fiberglass basket 1400 x 700 x 1100 mm, with 1 kV dielectric resistance (replacing the standard basket)
Fiberglass basket with door 1400 x 700 x 1100 mm, according to STBT200 standard (replacing the standard basket)
Basket control panel with levers and 4” display
Electro-hydraulic controls for outriggers and beams – Automatic stabilization from basket
Automatic stabilization from ground (only available with electro-hydraulic outrigger controls)
7” touchscreen display on turret with protective cover (only available with electro-hydraulic outrigger controls)
Stabilizer jacks with increased stroke (replacing the standard component)
Multipurpose air/water line on basket
Set of 4 nylon outrigger mats
Outrigger mat holder kit, suitable for 300 x 300 x 40 mm mats
Safety belt kit, 2 pieces
Debris protection kit
12 V DC power socket on basket
12 V DC power socket + LED work light on basket
USB charging port on basket (only available with aluminium basket)
12 V DC emergency lowering electric pump – 1.6 kW
Single-phase auxiliary electric pump (220 V AC – 2.2 kW), including electric panel and battery charger powered from external mains
Single-phase auxiliary electric pump (110 V AC – 2.2 kW), including electric panel and battery charger powered from external mains
12 V yellow magnetic rotating beacon for truck cab
12 V blue magnetic rotating beacon for truck cab
2 x 12 V yellow rotating beacon for truck cab + bar
2 x 12 V yellow rotating beacon for truck cab + bar + warning triangle
Parking wheel chocks
Plastic tool box (480 x 400 x 400 mm)
Stainless steel tool box (500 x 350 x 350 mm)
2 x stainless steel tool box (500 x 350 x 350 mm)
Bicycle carrier bars
White-red reflective marking
Fixed sides, 150/200 mm high, on vehicle deck
Single drop-side, 150/200 mm high, on vehicle deck
Two drop-sides, 150/200 mm high, on vehicle deck
Non-standard platform paint finish
Customer-specific decals
Remote connectivity kit (5 year subscription)

When equipped with a fiberglass basket, data and performance may differ from those specified in this document.

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All technical data, descriptions and illustrations are purely indicative and subject to change without notice.

Reaching new heights

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