



CELA · ESSENTIAL RANGE · 3.5 T TRUCK-MOUNTED PLATFORMS

Height, made Essential.

Truck-mounted aerial platforms · 18–24 m · 3.5 t · B licence · Made in Italy

Everything you need. Nothing you don't.

Essential is a philosophy before it is a range: strip away the complexity, keep the performance, never compromise on quality.

SIMPLE

One logic, zero manuals.

The same intuitive panel in the basket and on the ground, controls you understand at a glance, movements that respond exactly as you expect. Any operator masters an Essential in minutes — not days.

FAST

On site. Set up. Working.

Automatic jacking with one command, combined movements to reach the work in a single fluid path, and the home function to fold everything perfectly at the end. Less time setting up, more time getting the job done.

NO FRILLS, ALL QUALITY

Essential is not basic.

Every component earns its place — and what stays is built to CELA standards: cataphoresis and powder-coated structures, safety valves on every cylinder, remote eDiagnostic. Engineered and manufactured in Italy.



The range

Two telescopic and two articulated models. Every unit shares the same philosophy: essential specification, full-size performance, no wasted weight.



TELESCOPIC

Cela Essential 18T

- 18 m working height
- Up to 13 m outreach (18TX)
- 300 kg basket capacity



TELESCOPIC

Cela Essential 20TX

- 20 m working height
- 13.5 m outreach
- 300 kg basket capacity



ARTICULATED

Cela Essential 20P

- 20 m working height
- 9 m outreach
- 300 kg basket capacity



ARTICULATED

Cela Essential 24P

- 24 m working height
- 12.5 m outreach @ 200 kg
- 300 kg basket capacity



The entry point to the Essential range: a truck under 7 metres long with a fast straight telescopic boom. Choose the 18T, with fixed outriggers inside the vehicle profile for the narrowest footprint, or the 18TX, with extendable outriggers — total, asymmetrical or in-shape — to push outreach to 13 m.

18 m

WORKING HEIGHT

16 m

FLOOR HEIGHT

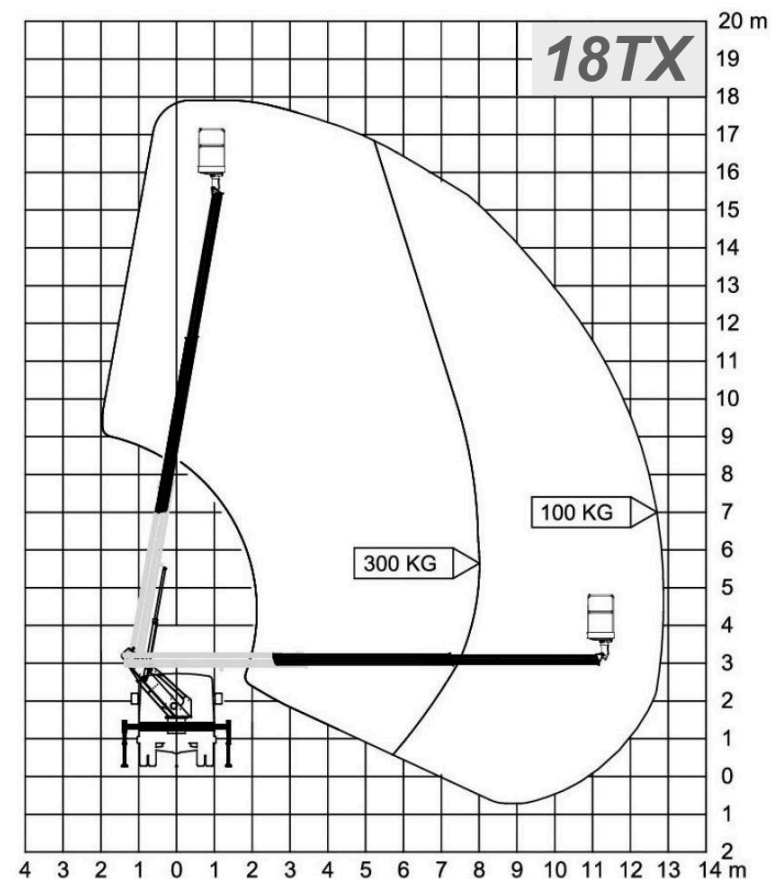
11–13 m

OUTREACH

300 kg

BASKET LOAD

Maximum working height	18.00 m
Maximum basket floor height	16.00 m
Max working outreach — 18T	11.00 m (100 kg)
Max working outreach — 18TX	13.00 m (100 kg)
Maximum load in the basket	300 kg
Turret rotation	400°
Basket hydraulic rotation	±75°
Aluminium basket	1400 × 700 × 1100 mm
Stabilisation	18T: H+H inside vehicle profile · 18TX: HE+H (total / asymmetrical / in-shape)
Jacking capability	Ramps up to 11°
Chassis	3.5 t GVW — Iveco Daily 35S14 (B licence) Also available on Mercedes Sprinter and Isuzu
Overall length	~6,990 mm
Overall height	~2,990 mm



Cela Essential 18T — working diagram (18TX)



The outreach champion of the range. Twenty metres of working height and 13.5 m of lateral reach thanks to the HE+H outriggers — total, asymmetrical or in-shape — ideal for working over obstacles, gardens and parked vehicles.

20 m

WORKING HEIGHT

18 m

FLOOR HEIGHT

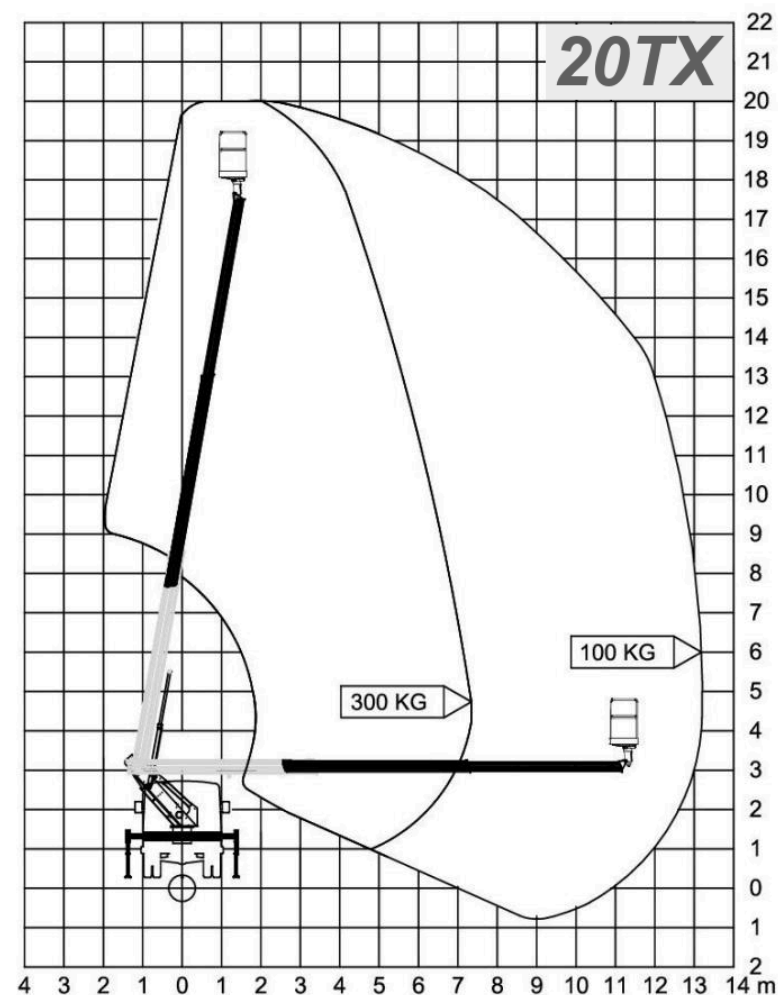
13.5 m

OUTREACH

300 kg

BASKET LOAD

Maximum working height	20.00 m
Maximum basket floor height	18.00 m
Maximum working outreach	13.50 m (100 kg)
Maximum load in the basket	300 kg
Turret rotation	400°
Basket hydraulic rotation	±75°
Aluminium basket	1400 × 700 × 1100 mm
Stabilisation	HE+H (total / asymmetrical / in-shape)
Jacking capability	Ramps up to 11°
Chassis	3.5 t GVW — Iveco Daily 35S14 (B licence) Also available on Mercedes Sprinter and Isuzu
Overall length	~7,750 mm
Overall height	~2,990 mm



Cela Essential 20TX — working diagram



The articulated 20-metre workhorse. Its double pantograph geometry climbs vertically along façades and clears obstacles with 9.5 m of height overhang — while keeping 200 kg in the basket at full 9 m outreach.

20 m

WORKING HEIGHT

18 m

FLOOR HEIGHT

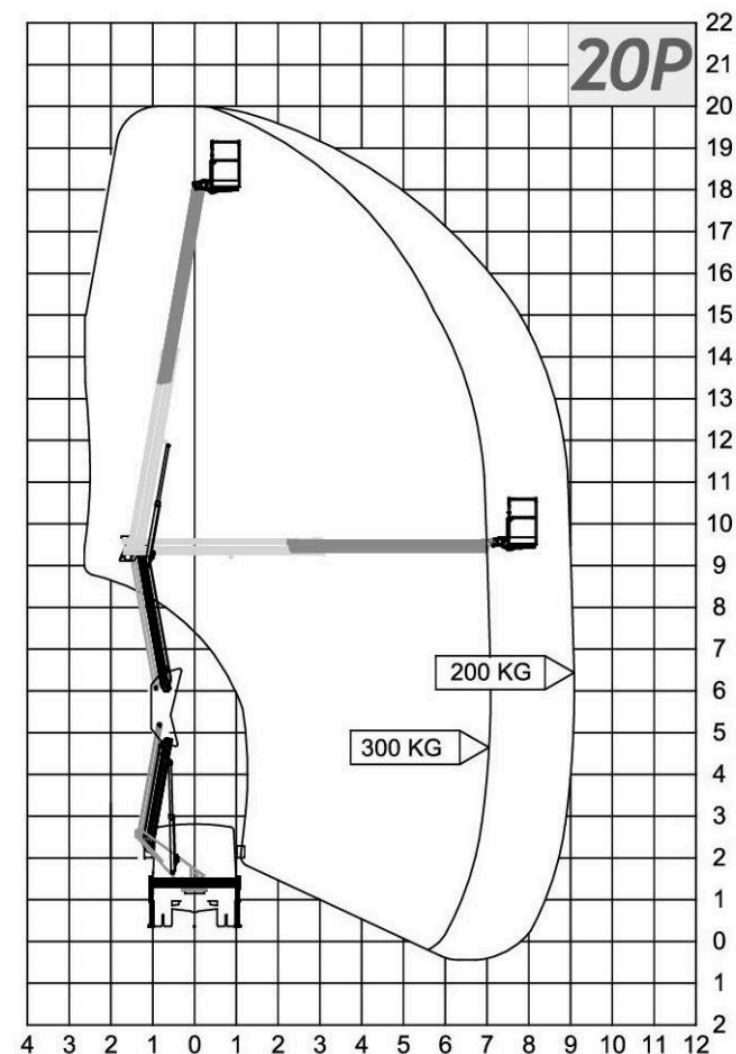
9 m

OUTREACH @ 200 KG

300 kg

BASKET LOAD

Maximum working height	20.00 m
Maximum basket floor height	18.00 m
Maximum working outreach	9.00 m (200 kg)
Height overhang (up-and-over)	9.50 m
Maximum load in the basket	300 kg
Turret rotation	400°
Basket hydraulic rotation	±90°
Aluminium basket	1400 × 700 × 1100 mm
Stabilisation	H+H inside vehicle profile
Jacking capability	Ramps up to 11°
Chassis	3.5 t GVW — Iveco Daily 35S14 (B licence) Also available on Mercedes Sprinter and Isuzu
Overall length	~7,570 mm
Overall height	~2,990 mm



Cela Essential 20P — working diagram



The flagship of the Essential range. Twenty-four metres of working height and 12.5 m of outreach with 200 kg in the basket, from a truck that still weighs in at 3.5 tonnes and drives on a standard B licence — in a body barely 7.6 m long.

24 m

WORKING HEIGHT

22 m

FLOOR HEIGHT

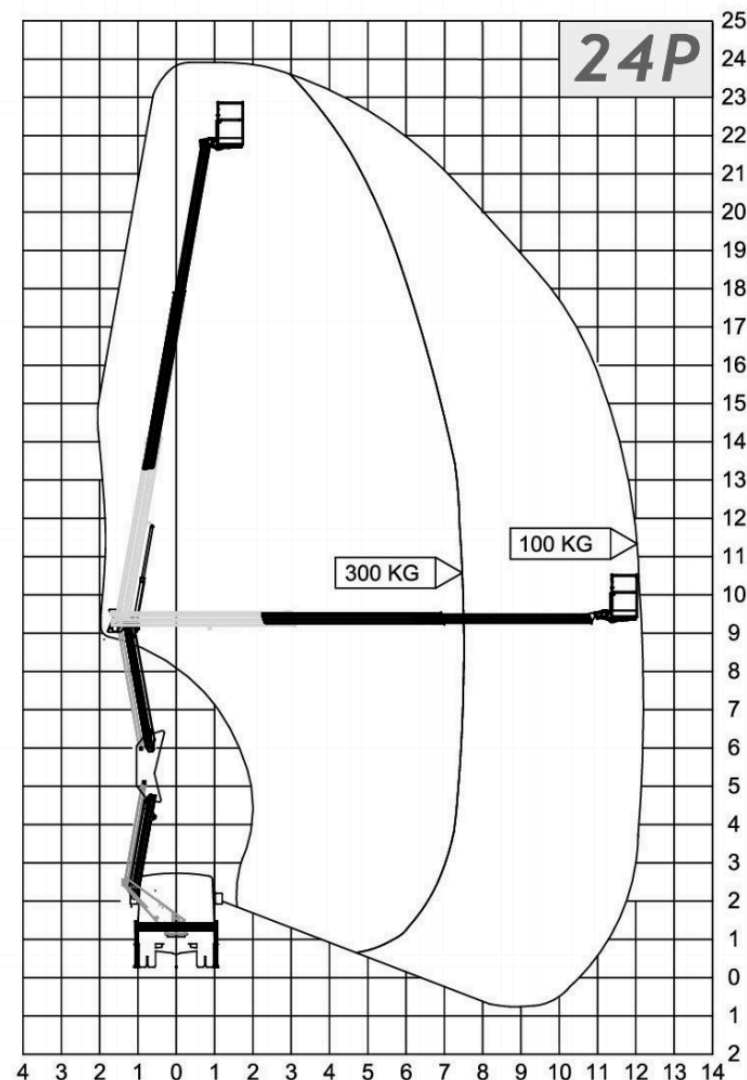
12.5 m

OUTREACH @ 200 KG

300 kg

BASKET LOAD

Maximum working height	24.00 m
Maximum basket floor height	22.00 m
Maximum working outreach	12.50 m (200 kg)
Height overhang (up-and-over)	9.50 m
Maximum load in the basket	300 kg
Turret rotation	400°
Basket hydraulic rotation	±90°
Aluminium basket	1400 × 700 × 1100 mm
Stabilisation	H+H inside vehicle profile
Jacking capability	Ramps up to 11°
Chassis	3.5 t GVW — Iveco Daily 35S14 (B licence) Also available on Mercedes Sprinter and Isuzu
Overall length	~7,640 mm
Overall height	~2,990 mm



Cela Essential 24P — working diagram

The Essential advantage

The key points of the range, straight from the data sheet — and what each one means on the jobsite.

01 **1-2-3**

Ultra-simple handling

The whole machine is designed around the operator: intuitive, ergonomic controls with the same panel layout in the basket and on the ground, so there is only one logic to learn. Movements are smooth and predictable even for a first-time user. The result: minimal training time, fewer mistakes, and a...

02 **11°**

Jacking on ramps up to 11°

Real jobsites are rarely flat. The Essential range stabilises on gradients of up to 11° — sloping streets, ramps, driveways and uneven yards — with the electronic slope sensor supervising the set-up. Jobs that would otherwise require repositioning, ground plates or a different machine can simply go...

03 **300 kg**

300 kg maximum basket load

Every model in the range carries a full 300 kg in its 1.4 m aluminium basket: two operators, their tools and materials go up together in a single lift. No shuttling equipment up separately, no leaving a colleague on the ground — more productive minutes at height in every working day.

04 **MULTI**

Combined movements

Lifting, telescoping and slewing can run at the same time, smoothly governed by compensated proportional valves. The basket travels to the work position along one fluid path instead of a sequence of single moves — saving minutes on every repositioning, which adds up to hours across a rental week.

05

Home function — automatic folding

One command and the boom retracts, folds and stows itself into transport position, perfectly, every time. At the end of a long shift there are no closing sequences to remember and no risk of a badly stowed boom on the road: turn the key, drive to the next job.

06 **AUTO**

Automatic jacking

Self-levelling stabilisation launched with a single command — from the ground or even from the basket. The machine positions its outriggers and levels itself on the first attempt, while the centring indicator confirms it is ready to lift. Set-up time drops to moments, and every set-up is done...

07 **2×**

Cataphoresis + powder coating

Before painting, the whole structure is immersed in a cataphoresis bath — the same anti-corrosion treatment used by the car industry — then finished with powder coating. Two layers of protection that resist rain, salt and jobsite knocks for years, keeping the machine presentable and protecting it...

08

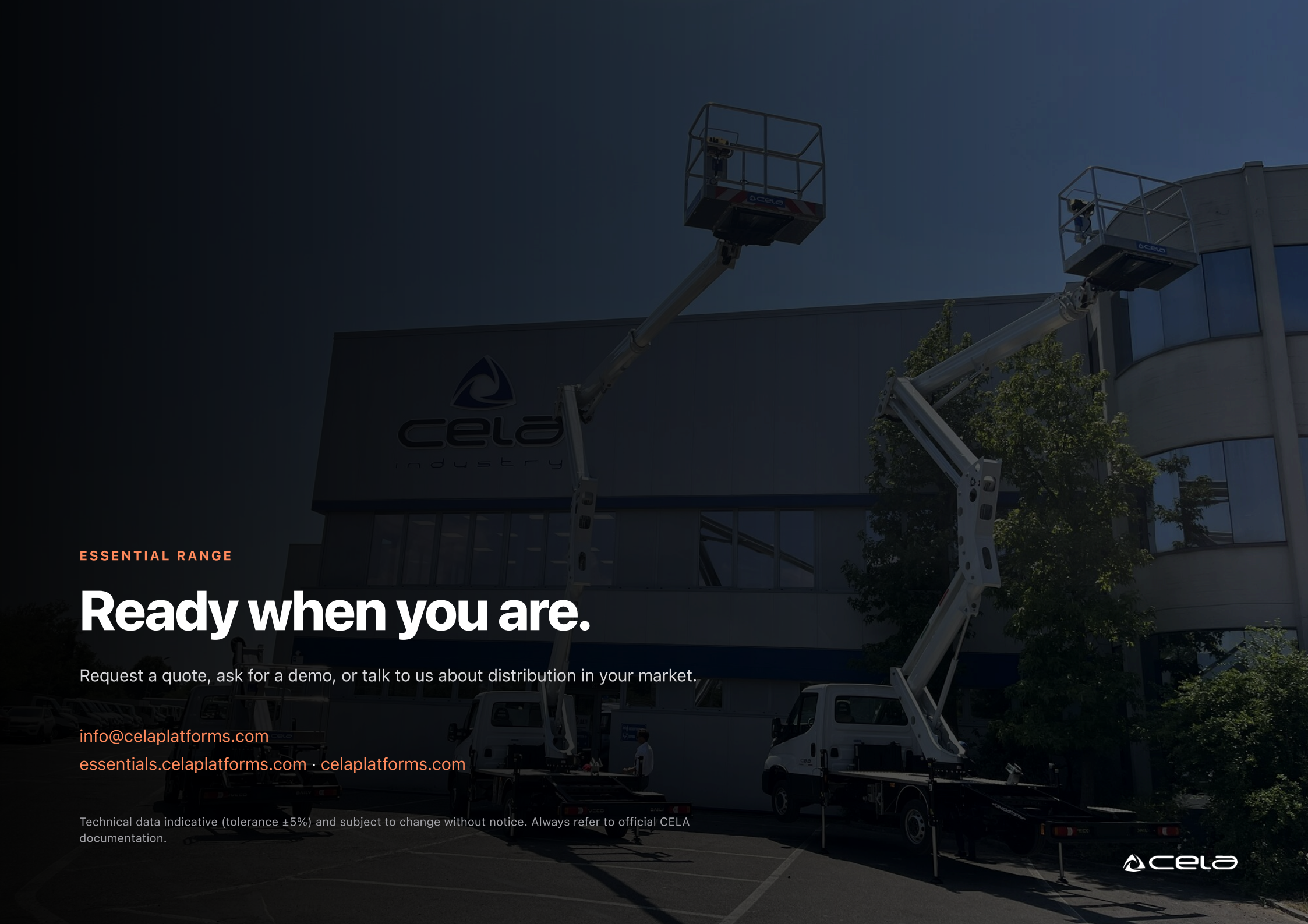
Wired ground control

A hard-wired ground station is permanently connected to the machine: nothing to charge, nothing to pair, no radio interference on crowded sites. Whatever happens, a fully dependable set of controls — including emergency recovery with the safety handpump — is always within reach at ground level.

Standard equipment

Everything below is standard equipment on the Essential Range — included on every unit, not an options list.

+ Aluminium basket	+ Automatic folding (Home function)	+ Automatic jacking from basket and ground
+ Cables and hoses inside telescope	+ Turret rotation 400°	+ Hydraulic basket rotation $\pm 75^\circ$ · 18T , 20TX
+ Hydraulic basket rotation $\pm 90^\circ$ · 20P , 24P	+ Ergonomic panels (ground and basket)	+ Truck cabin anti-crash system
+ Air or water connection in basket	+ Clearance lights	+ Electronic slope sensor
+ 220 Vac socket in basket	+ 12 Vdc socket in basket	+ Safety hydraulic handpump
+ Safety valves flanged on all cylinders	+ Automatic PTO release system	+ Centring indicator light
+ Compensated proportional valves	+ Cathaphoresis + powder coating	+ Ipercela 4.0 GSM eDiagnostic
+ Warning sound signal		



ESSENTIAL RANGE

Ready when you are.

Request a quote, ask for a demo, or talk to us about distribution in your market.

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Technical data indicative (tolerance $\pm 5\%$) and subject to change without notice. Always refer to official CELA documentation.

