

Standard equipment:

- Diesel engine Kubota-3 cyl - Tier 4 - Power 14kW
- Three-phase 380 VAC electric motor 5,5 kW * (mandatory to operate in Bi-energy)
- Hydraulic transmission with 3 speeds
- On black rubber tracks, fixed width
- Hydraulic circuit with pump and compensated multifunction proportional distributor
- Articulated and telescopic outriggers rotating on different 3 positions
- Automatic set-up with self-levelling
- Turntable rotation 360° continuous - 3 speeds
- Steel made telescopic boom with 4 sections (2 with hydraulic pistons), length 9,5 m, adjustable head with 3 positions. Head predisposed with adapter flange for extra attachments.
- Rotating hook with 3000 kg max capacity
- Rope limit switch warning with anti-2 block system
- Intelligent slowdown activation system
- "Area manager" system for stability control, computer-controlled moment limiter (safe load indicator) overload warning alarms with lamps
- Electronic lifted load reading system and indications of the lifting load depending on the position of the arm
- Datalog with data recording in manual mode
- Full-control Sanreco radio remote control with digital colour 4,3" display
- Smart working status light (visible and acoustic)
- Hydraulic oil level visual device
- LED lights on the boom
- Mypalazzani service system and video tutorials through QR-Code
- Standard Palazzani colour (RAL 6037)

* optional

Characteristics and technical data are informative only and subjected to change without notice.

MINI CRANE **RPG** **2900** Palcrane PALAZZANI

CAPACITY
2,9 t x 1,5 m

WORKING RADIUS
8,7 m x 0,2 t

MAX WORKING HEIGHT
13,6 m



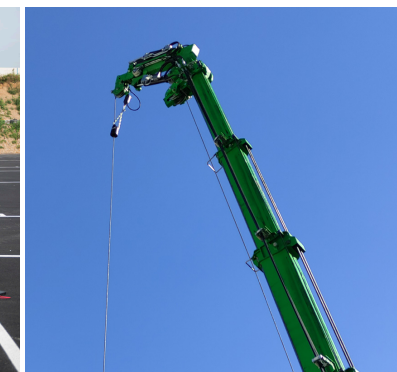
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NC 699 A 20



Freedom of indoor and outdoor use

Thanks to the dual power in the bi-energy version, the Mini Crane can be used both outdoor, using the diesel engine, and indoor, with zero emissions, using the AC electric motor, powered by domestic or industrial current depending on the configuration.



Agility, compactness and strength

The excellent weight / performance ratio and the small size make this platform Mini Crane ideal for aerial working in places inaccessible to other types of MEWP. The ability to drive on any type of terrain, automatic chassis leveling and set-up even on slopes makes it even more versatile and suitable for use in hostile places.



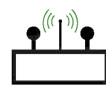
Working flexibility

The multi-extension arm offers maximum aerial agility, with zero tailswing, even at medium heights. 660° arm rotation at with any set-up.



Wireless manovrability

Easy to transfer and move from the ground, thanks to the radio remote control. The last generation touch screen color monitor on the remote control provides detailed and salient information of the Mini Crane and diagnostic function.



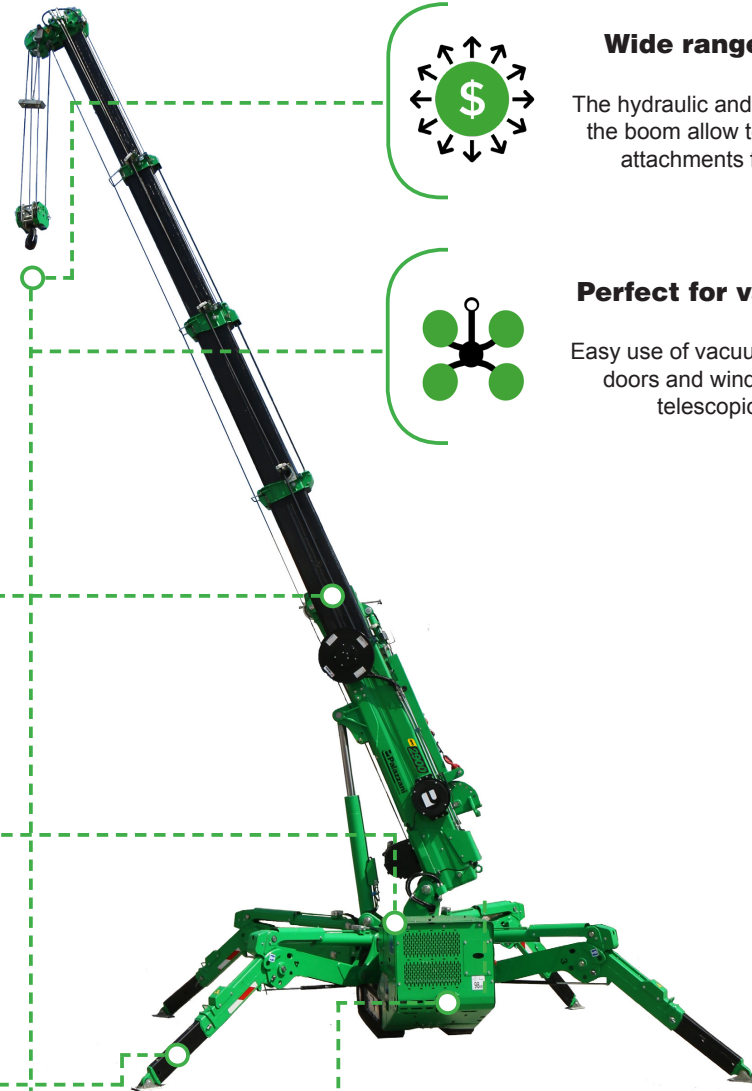
Stabilizzatori indipendenti, articolati e allungabili

Ciascun stabilizzatore è articolato, allungabile su 3 differenti posizioni e orientabile in modo indipendente. Possibilità di autocaricamento su trailer senza rampe.



High lifting performance

The winch and the telescopic arm, together with excellent hydraulic components, are the basis of Palazzani mini cranes performances.



Wide range of attachments

The hydraulic and electric predispositions on the boom allow to connect a wide range of attachments for many applications.



Perfect for vacuum system use

Easy use of vacuum system to position glass doors and windows thanks to the many telescopic booms positions.



360° load handling

In Pick and Carry mode Palazzani mini crane can handle any type of heavy object, given the range of slings and clamps available it can grab pipes, manholes, concrete cylinders, steel plates, and other structural objects.



MINI CRANE **RPG** 2900



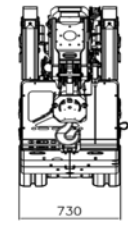
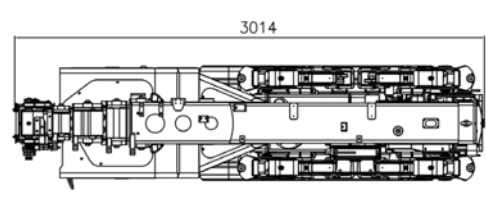
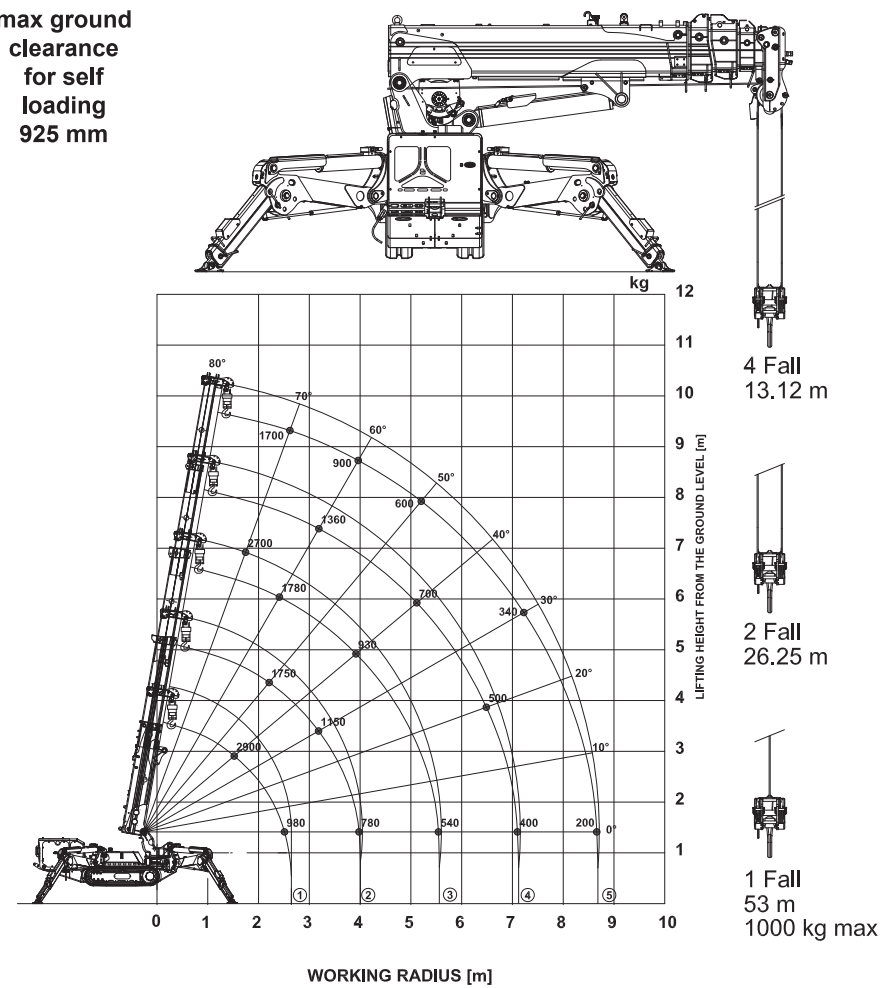
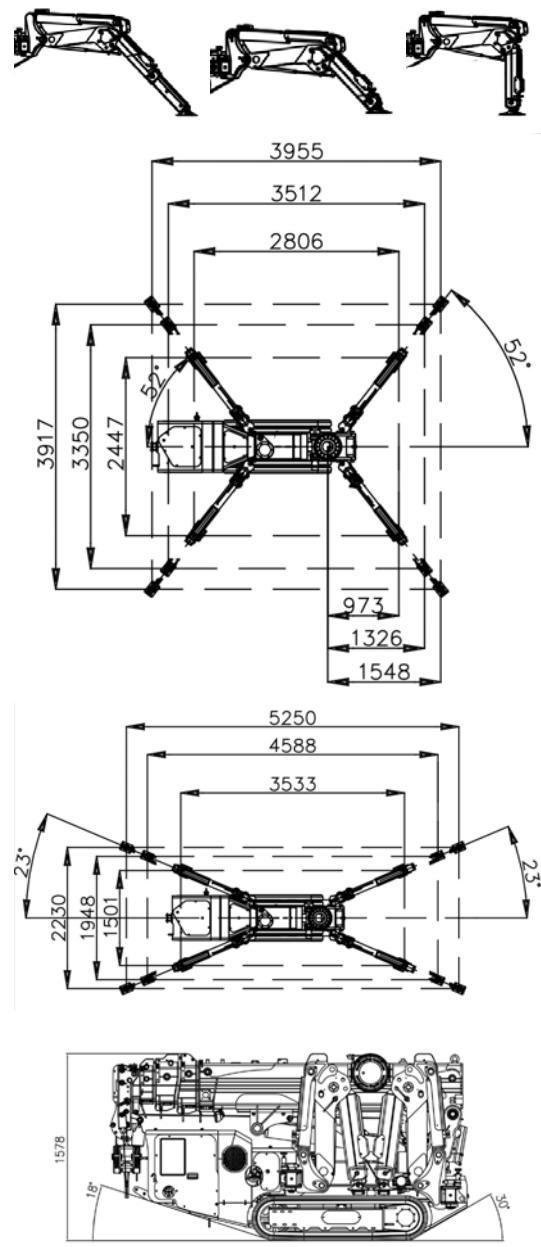
MAX LIFTING HEIGHT
9,5 m

CRANE CAPACITY
2,9 t x 1,5 m

WORKING RADIUS
8,7 m x 0,2 t

n° 3 positions of stabilizers

max ground clearance for self loading 925 mm



Bi-energy Diesel + AC	3 speed	3 speed	8,7 m	2,9t x 1,5m	53m (1 fall)	min 2,5m max 9,5m	-53m with 1000kg load
endless	3,2 km/h	2600 kg	30%	23%	15,2 kN	3,9 kN/m ²	3,5 t

LOAD CAPACITIES FROM THE ROTATION CENTER

② SECOND STAGE EXTENDED BOOM LENGTH 2,2 m - 4 m

up to	2,2m	3,5m	4m
max. extended	1750	1000	780

③ THIRD STAGE EXTENDED BOOM LENGTH 4 - 5,5 m

up to	2,5m	3m	3,5m	4m	4,5m	5m	5,5m
max. extended	1750	1600	1000	900	850	700	540

④ FOURTH STAGE EXTENDED BOOM LENGTH 5,5 - 7,1 m

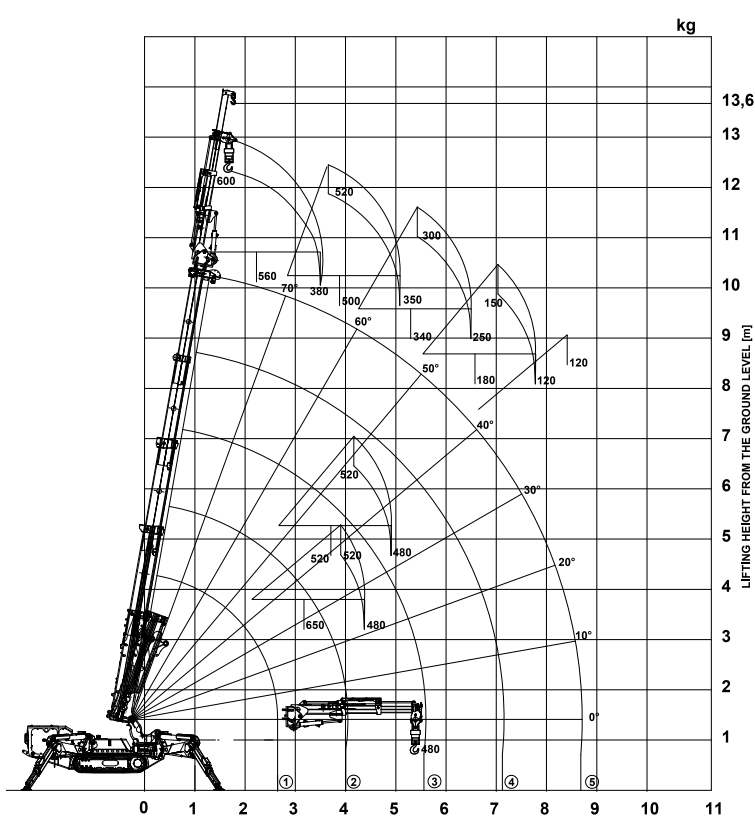
up to	2,7m	3,5m	3,5m	4m	5m	5,5m	6,5m	7,1m
max. extended	2600	1200	1200	950	700	600	500	400

⑤ FIFTH STAGE EXTENDED BOOM LENGTH 7,1 - 8,7 m

up to	2,5m	3,5m	4m	4,5m	5m	6m	7m	8,7m
max. extended	1800	1200	900	750	700	550	430	200

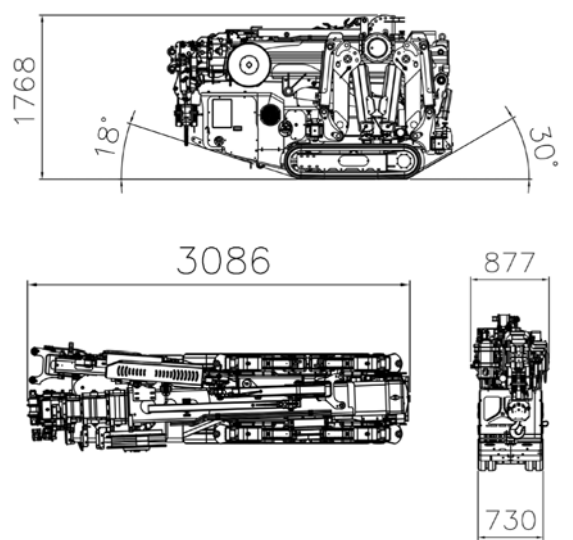
+ hydraulic jib

max lifting height
13,6 m



2877 kg
+ mechanic extension

min 9,5m max 12,5m
min 12,5m max 13,6m



Before use, please read the Operation Manual.
Due to improvements the specifications are subject to change without notice.