

SPIDER

RA21



SPIDER

RA21BA



SPIDER

RA21HY




TECHNICAL DATA	DATI TECNICI	DONNÉES TECHNIQUES	DATOS TÉCNICOS	TECHNISCHE DATEN	
Max. working height	Altezza massima di lavoro	Hauteur max de travail	Altura max de trabajo	Max. Arbeitshöhe	20.40 m
Max. working outreach	Sbraccio massimo di lavoro	Déport max de travail	Alcance max de trabajo	Max. Arbeitsauslegung	9.80m (230 Kg)
Up & over clearance	Scavalcamento	Hauteur d'articulation	Punto de articulación	Übergreifhöhe	9.30 m
Max load capacity	Portata massima	Portée max	Capacidad de carga	Max. Tragfähigkeit	230 Kg
Cage rotation	Rotazione cesto	Rotation panier	Rotación cesta	Korbdrehung	160°
Turret rotation	Rotazione torretta	Rotation tourelle	Rotación torreta	Drehturmrotation	360°
Gradeability	Pendenza superabile	Max pente admissible	Pendiente max	Max. Steigfähigkeit	30%
Total weight	Massa totale	Poids total	Peso total	Gewicht	2850 Kg
Electro-hydraulic controls	Comandi elettro-idraulici	Commandes électro-hydrauliques	Mandos electro-hidráulicos	Elektro-hydraulische Steuerungen	

POWER SOURCES	MOTORIZZAZIONI	MOTORISATIONS	MOTORIZACIONES	STROMQUELLEN	
Petrol Engine	Motore benzina	Moteur essence	Motor gasolina	Benzinmotor	9.6 kW
Diesel Engine	Motore diesel	Moteur diesel	Motor diesel	Dieselmotor	12.5 kW
Electric motor	Motore elettrico	Moteur électrique	Motor eléctrico	Elektromotor	220V - 2.2 kW
Lithium battery R21BA	Batteria al litio R21BA	Batterie au lithium R21BA	Batería de litio R21BA	Lithiumbatterie R21BA	48V - 200 Ah
Lithium battery R21HY	Batteria al litio R21HY	Batterie au lithium R21HY	Batería de litio R21HY	Lithiumbatterie R21HY	48V - 100 Ah

STANDARD ACCESSORIES

Hour counter
Air/water plug
Electrical plug
Radiocontrol
Extending tracks

ACCESSORI STANDARD

Contaore
Presa aria/acqua
Presa elettrica
Radiocomando
Cingoli allargabili

ACCESSOIRES STANDARD

Compteur des heures
Prise air/eau
Prise électrique
Radiocommande
Chenilles élargissables

ACCESORIOS ESTÁNDAR

Cuenta-horas
Toma aire/agua
Toma eléctrica
Radiomando
Orugas ensanchables

STANDARDZUBEHÖRE

Stundenzählwerk
Anschluss Luft/Wasser
Steckdose
Funksteuerung
Verbreiterbare Raupenketten

OPTIONAL ACCESSORIES

Emergency electric pump
Stabilizers self-leveling
Non-marking tracks
Special painting
Fiberglass basket
Working lamp on the basket
Inclinometer
Pads for stabilizers
Winch (230 kg)
EasyCom - Remote diagnostics

ACCESSORI OPZIONALI

Elettropompa di emergenza
Autolivellamento stabilizzatori
Cingoli antitraccia
Verniciatura speciale
Cesto in vetroresina
Faro di lavoro sul cesto
Inclinometro
Pedane per stabilizzatori
Argano (230 kg)
EasyCom - Diagnostica remota

ACCESSOIRES OPTIONNELS

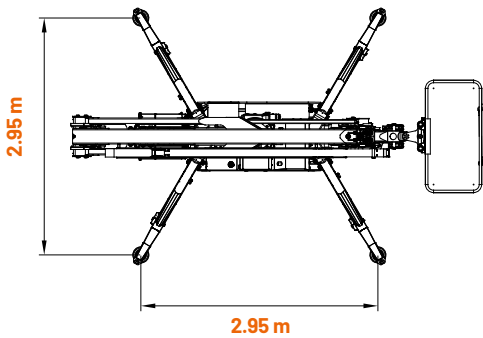
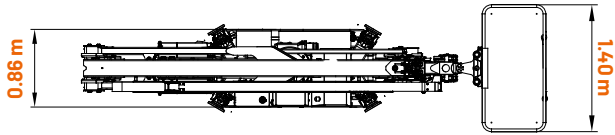
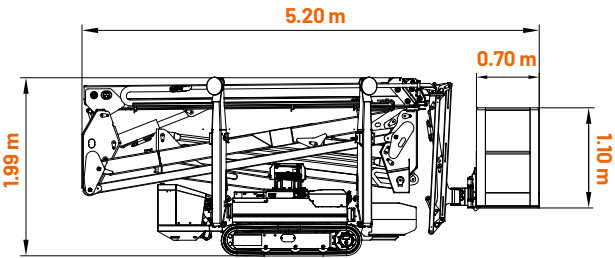
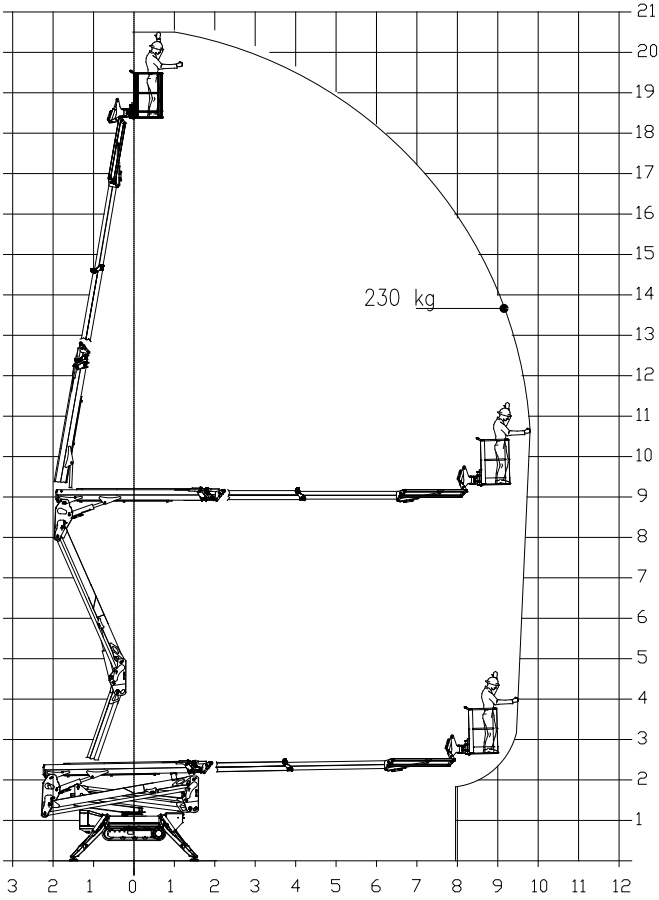
Pompe électrique d'urgence
Auto-nivellement stabilisateurs
Chenilles non-marquantes
Peinture spéciale
Panier en fibre de verre
Lampe de travail sur le panier
Inclinomètre
Plates pour stabilisateurs
Treuil (230 kg)
EasyCom - Diagnostic à distance

ACCESORIOS OPCIONALES

Bomba eléctrica de emergencia
Autonivelación estabilizadores
Orugas que no dejan huellas
Pintura especial
Cesta en fibra de vidrio
Luz de trabajo en la cesta
Sensor de inclinación
Platos de apoyo para estabilizadores
Cabrestante (230 kg)
EasyCom - Diagnóstico remoto

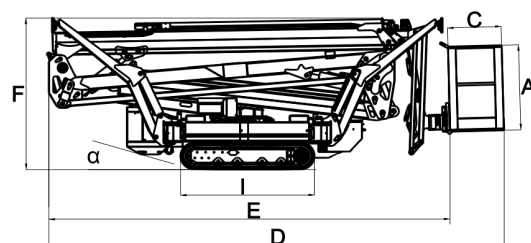
SONDERZUBEHÖRE

Notfallelektropumpe
Abstützungenselbstnivellierung
Nicht-markierende Ketten
Sonderlackierung
Korb aus Glasfaser
Arbeitsscheinwerfer im Korb
Neigungsmessgerät
Unterlegplatten für Abstützungen
Winde (230 kg)
EasyCom - Ferndiagnose



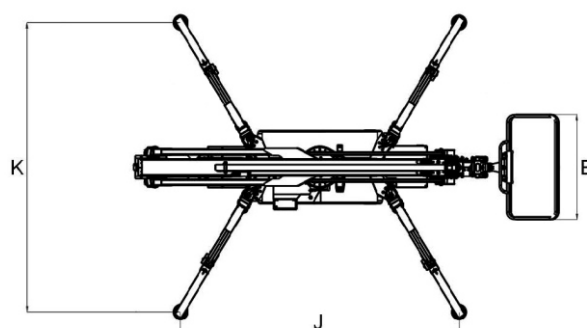
PERFORMANCE

WORKING HEIGHT	20.40 m
HORIZONTAL OUTREACH (230 KG.)	9.80 m
UP AND OVER CLEARANCE CAGE	9.30 m
CAPACITY	230 Kg
MOVABLE JIB	90°
CAGE ROTATION	160°
TURRET ROTATION	360°
GRADEABILITY	30%
SLOPE ANGLE (α)	21° - 16°
TRAVEL SPEED	1.0-2.0 Km/h



MEASURES

CAGE HEIGHT (A)	1.10 m
CAGE LENGTH (B)	1.40 m
CAGE WIDTH (C)	0.70 m
LENGTH (D)	5.20 m
LENGTH WITHOUT CAGE (E)	4.50 m
HEIGHT (TRAVELLING POSITION) (F)	1.99 m
WIDTH, MIN (G)	0.86 m
WIDTH, MAX (G')	1.10 m
GROUND CLEARANCE (H)	0.22 m
TRACK (L x W) (I)	1.60 x 0.20 m
LENGTH OUTRIGGER STANDARD (J)	2.95 m
WIDTH OUTRIGGER STANDARD (K)	2.95 m
OUTRIGGER PLATE (Ø)	0.20 m

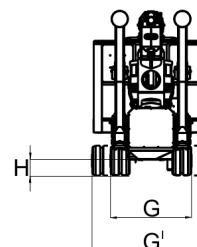


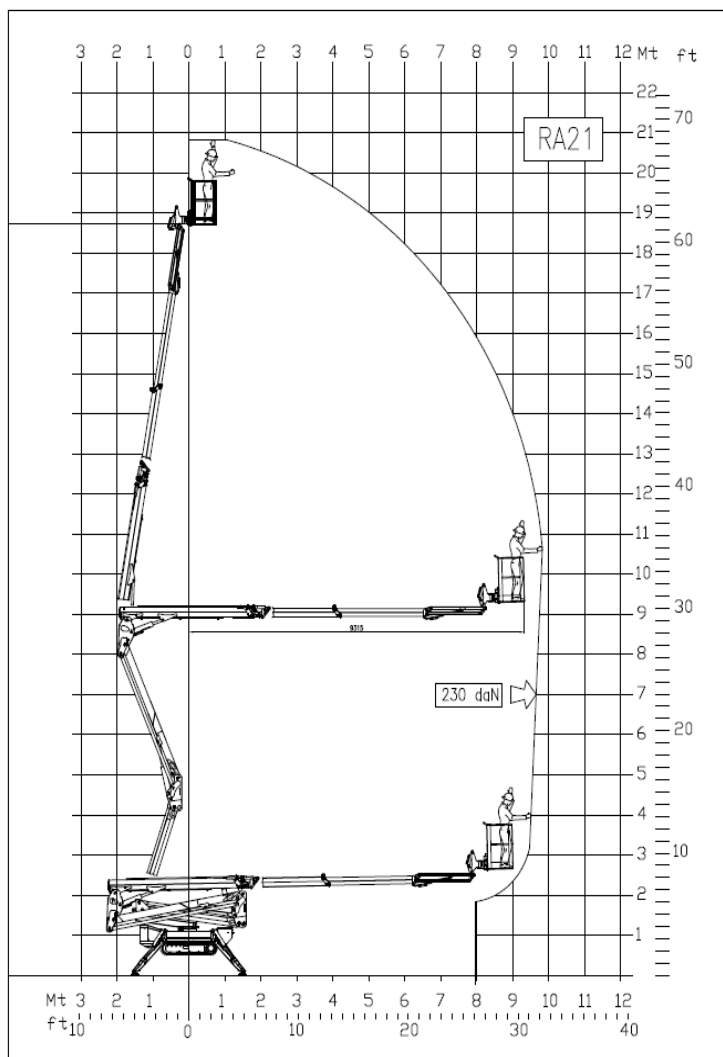
WEIGHT

TOTAL WEIGHT	2850 Kg
TRAVEL CONFIGURATION PRESSURE	3.30 kN/m ²
WORK CONFIGURATION PRESSURE	1.85 kN/m
MAX OUTRIGGER FORCE	19.5 kN

POWER SOURCES

STANDARD Petrol Engine	9.7 kW
OPTIONAL Diesel Engine	12.5 kW
STANDARD Electric Motor	110/230V - 2.3 kW
OPTIONAL Lithium Battery (HY)	51.2V - 100 Ah 3 kW
OPTIONAL Lithium Battery (BA)	51.2V - 200 Ah 5 kW
OIL TANK CAPACITY	50 l





POWER SOURCES

- 110V (US) / 230V (EU) electric motor
- Start/ Stop device for the engine in the cage

PRODUCTIVITY, SAFETY & QUALITY

- 110V (US) / 230V (EU) power socket in the cage
- High quality paint in RAL 9003 & RAL 2001
- Hand pump for emergency lowering
- Cables and hoses safely routed through the boom structure
- Lock valves on hydraulic cylinders
- Relief valves protecting the hydraulic system from too high pressures
- Protective covers for all components
- Hour meter

CHASSIS

- Powerful track drive with hydraulic braking system
- Precise maneuvering oversensitive radio control
- Rubber tracks with specially arranged profile providing optimum grip

BOOM SYSTEM

- Double pantograph
- Telescopic upper booms
- Articulated Jib 90°
- Turnable basket 160°
- Electric proportional and radio controls
- Hydraulic cage self levelling system
- Turret rotation with slewing ring

OPTIONS

- Battery drive (lithium) 51.2V 100 Ah (RA21HY)
- Battery drive (lithium) 51.2V 200 Ah (RA21BA)
- Outrigger self levelling system
- Outrigger pads
- Non marking rubber tracks
- Custom paintwork