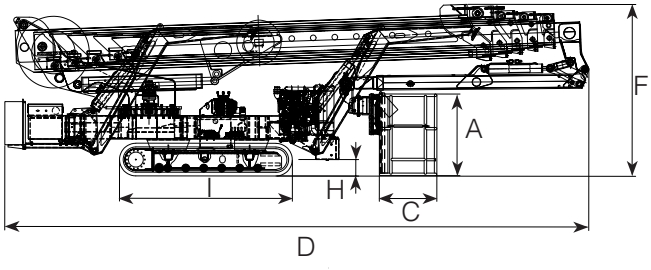
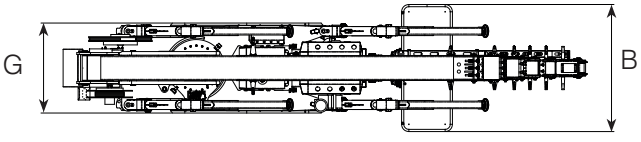
EASYLIFT
AERIAL PLATFORMS

R420 DATA SHEET

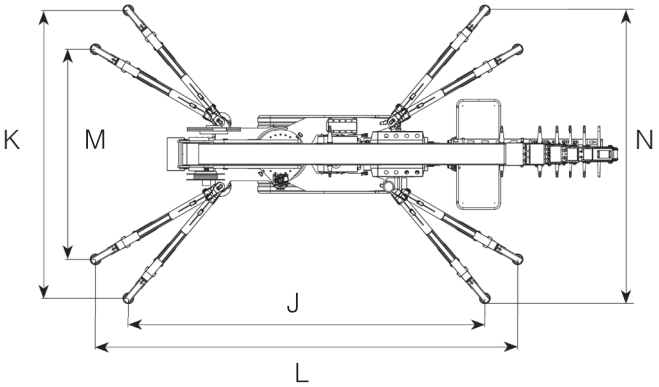
PERFORMANCE	
WORKING HEIGHT	41.40 m
HORIZONTAL OUTREACH (120 KG.)	17.00 m
UP AND OVER CLEARANCE	-
CAGE CAPACITY	120-230-300 Kg
MOVABLE JIB	180°
CAGE ROTATION	180°
TURRET ROTATION	440°
GRADEABILITY	30%
SLOPE ANGLE (α)	12,5° - 23°
TRAVEL SPEED	1.0-2.0 Km/h



MEASURES	
CAGE HEIGHT (A)	1.10 m
CAGE LENGHT (B)	2.00 m
CAGE WIDTH (C)	0.80 m
LENGHT (D)	8.10 m
LENGHT WITHOUT CAGE (E)	-
HEIGHT (TRAVELLING POSITION) (F)	2.20 m
WIDTH, MIN (G)	1.55 m
WIDTH, MAX (G')	-
GROUND CLEARANCE (H)	0.25 m
GROUND CLEARANCE MAX (H')	-
TRACK (L x W) (I)	2.42 x 0.32 m
LENGTH OUTRIGGER STANDARD (J)	6.40 m
WIDTH OUTRIGGER STANDARD (K)	5.20 m
LENGTH OUTRIGGER NARROW (L)	7.60 m
WIDTH OUTRIGGER NARROW (M)	3.80 m
WIDTH OUTRIGGER MEDIUM (N)	4.50 m
OUTRIGGER PLATE (Ø)	0.20 m



WEIGHT	
TOTAL WEIGHT	9500 Kg
TRAVEL CONFIGURATION PRESSURE	8.08 kN/m2
WORK CONFIGURATION PRESSURE	8.35 kN/m2
MAX OUTRIGGER FORCE	57.00 kN



POWER SOURCES	
STANDARD Diesel Engine	42 kW
STANDARD Electric Motor	380V - 7.5 kW
OPTIONAL Lithium Battery	48V - 200 Ah
FUEL TANK CAPACITY Diesel Engine	50 l
OIL TANK CAPACITY	140 l

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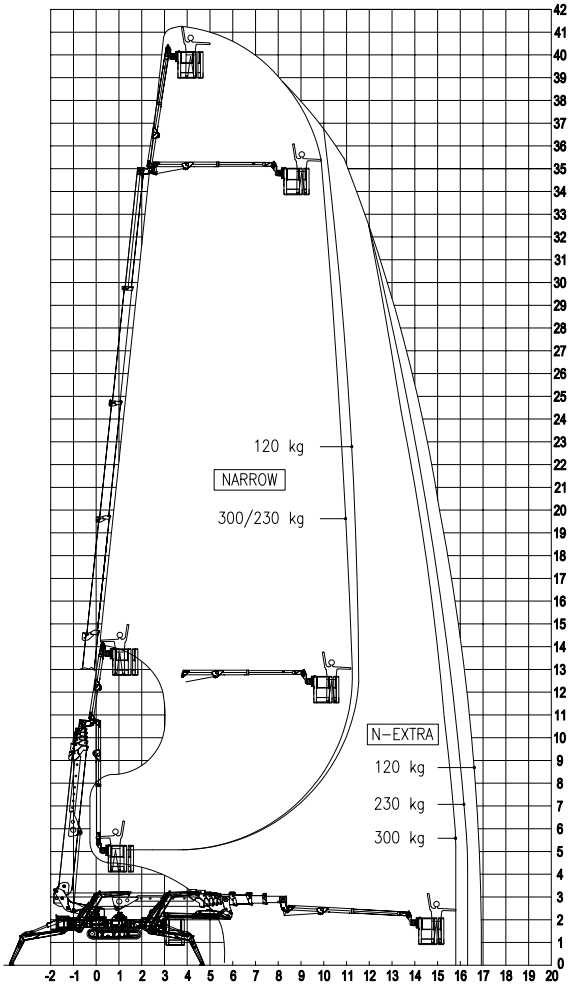

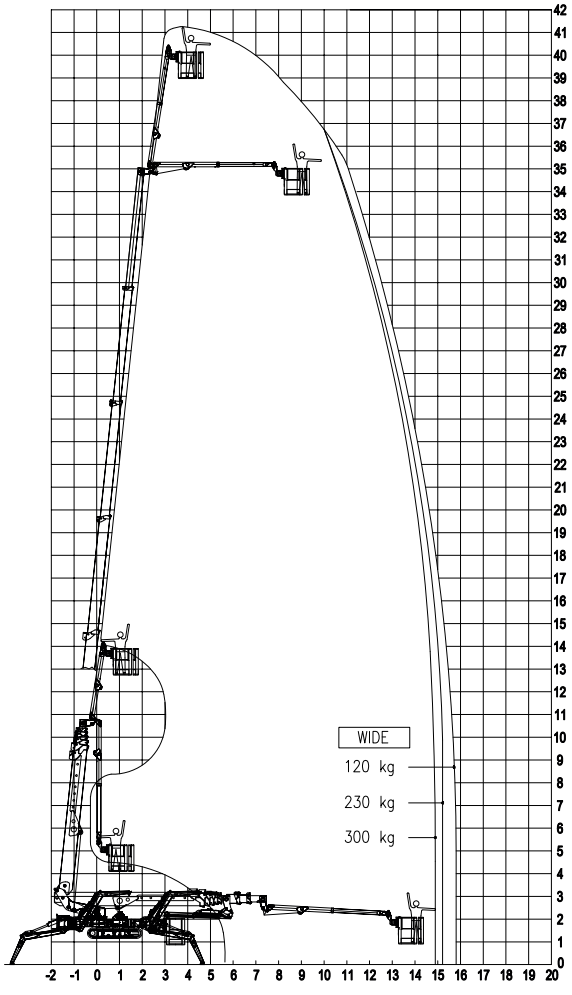

POWER SOURCES

- 380V electric motor
- 42 kW Hatz diesel engine with electronically regulated engine control
- Start/ Stop device for the engine in the cage

STABILISATION

- Variable outrigger system with one side or both sides narrow or wide setup option

PRODUCTIVITY, SAFETY & QUALITY

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

BOOM SYSTEM

- Telescopic boom + jib
- Articulated Jib 180°
- Turnable basket 180°
- Electric proportional (Danfoss) and radio controls
- Electric cage self levelling system
- Turret rotation with slewing ring

CHASSIS

- Powerful track drive with hydraulic braking system
- Precise manoeuvring over sensitive radio control
- Rubber tracks with specially arranged profile providing optimum grip

OPTIONS

- Battery drive (lithium) 48V 200 Ah (R420HY)
- Outrigger self levelling system
- Outrigger pads
- Non marking rubber tracks
- Custom paintwork
- Air/ water plug