

FR 14.42 FULL ELECTRIC

105 Ah

TECHNICAL SHEET

Metric System



FR 14.42 Full Electric 105 Ah

ENGINE

Engine	Electric Motor
Power	45.6 kW
Emissions	Zero emissions
Transmission	51 (S1) kW
Hydraulic services power	23 (S1) kW

BATTERY *

Battery type	LFP Battery
Nominal energy	45.6 kWh
Rated voltage	435 V
Battery capacity	105 Ah
Autonomy non-intensive cycle	8 h (eco)
Autonomy intensive cycle	3.5 h (eco)
Rated voltage OPTIONAL	435 V

CHARGERS *

On-board charger	5 h(11 kW)
On-board charger (Optional)	3.5 h (22 kW)

LOADING PERFORMANCE

Lift Capacity	4200 kg
Lift Height	13.6 m
Max Reach	9.75 m
Reach at Max Height	1.6 m
Boom Sections	2
Swing Angle	144 °

HYDRAULICS

Pump Type	Gear pump
Flow / Pressure	120 / 250 l/bar
Flow Sharing distributor	Standard
Lift Valve	Single Acting
Joystick Type	Electro-hydraulic
Quick Release	Optional
Boom Suspension	Optional
Front Hydraulic Connection	Standard
Floating Boom	Optional
6-Way Manual Diverter	Optional
Constant Flow	Optional

TRANSMISSION

Type	Electric
Speed ranges	2
Max Speed	25 km/h
Traction	4WD

WHEELS

Standard Tyres	400/70 - 20"
Turning Radius	4.2 m

BRAKES

Service Brake	Oil-immersed multi-disc
Parking Brake	Oil-immersed multi-disc, negative acting, S-AHR type

DIMENSIONS

Height	2500 mm
Width	2331 mm
Track Width	1862 mm
Ground Clearance	280 mm
Front Overhang	2180 mm
Axle Distance	2950 mm
Rear Overhang	1240 mm
Length	6370 mm
Width with stabilizers	3418 mm
Cabin Width	960 mm

WEIGHTS

Weight	11350 kg
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TANK CAPACITIES

Hydraulic Oil Tank	150 l
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AXLES

Front Axle	45% limited slip self-locking differential
Rear Axle	Open type differential
Rear axle oscillation lock	Optional

LIGHTS & SOCKETS

LED Road Lights Front	true
LED Road Lights Rear	true

CABIN

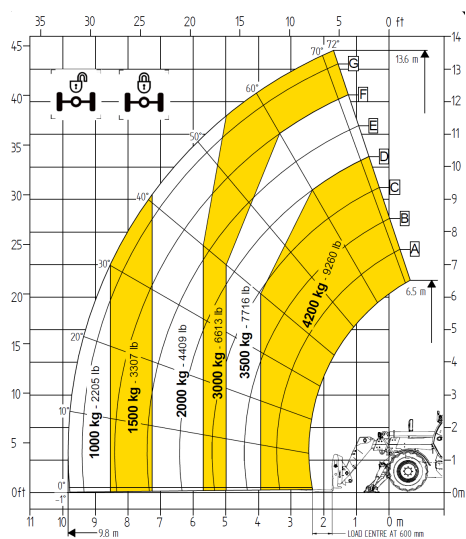
Cabin Type	Standard
Color Display	4.3"
Pneumatic Suspension Seat	Optional
Radio with MP3/USB/BT	Optional
Windshield protection grid	Optional
Air Conditioning	Optional

OTHER FEATURES

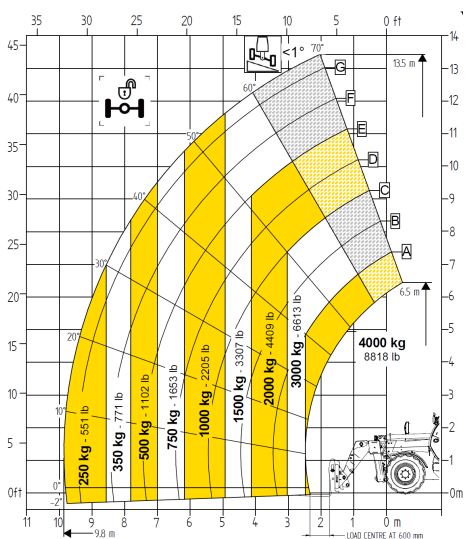
Bucket Mode	Standard
Telematics	Optional
Frame Leveling	Standard
Front stabilizers	Standard
Fixed Tow Hook	Optional
Forward drive buzzer	Standard
Wallbox	standard

* The indicated values may vary, even significantly, depending on environmental conditions, usage patterns, and the charging system. They are also influenced by other factors that are not always predictable or measurable.

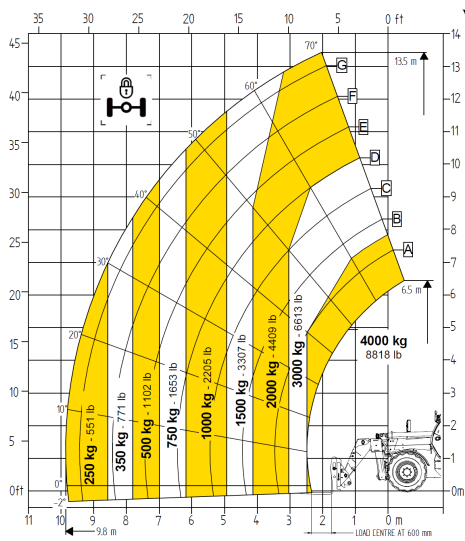
FR 14.42 Full Electric - Load Charts



With Stabilizers



On Wheels - Free Axle



On Wheels - Locked Axle



Haulotte Australia Pty Ltd

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