

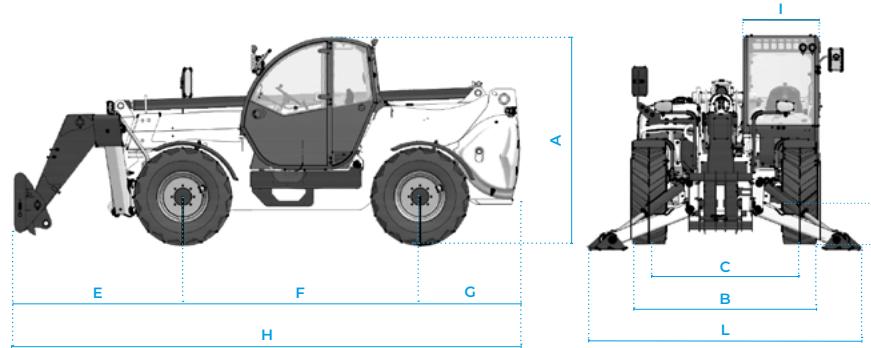
14.42 FULL ELECTRIC

TECHNICAL SHEET



14.42 FULL ELECTRIC

TECHNICAL FEATURES



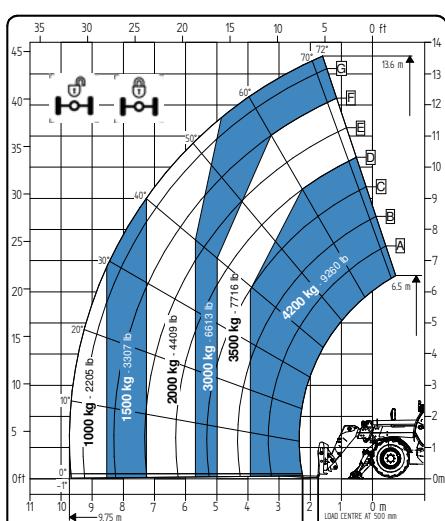
| Models | 14.42 |
|-------------------------------|----------|
| Dimensions | |
| [A] Height | mm 2500 |
| [B] Width | mm 2331 |
| [C] Track | mm 1862 |
| [D] Ground clearance | mm 280 |
| [E] Front overhang | mm 2180 |
| [F] Pitch | mm 2950 |
| [G] Rear overhang | mm 1240 |
| [H] Length without tow hook | mm 6370 |
| [I] Cab width | mm 960 |
| [L] Width with stabilizers | mm 3418 |
| Loading system | |
| Lifting capacity | kg 4200 |
| Lifting height | m 13,6 |
| Max horizontal boom extension | m 9,75 |
| Boom extension at max height | m 1,6 |
| Number of extracting sections | n. 2 |
| Swinging Angle | ° 144 |
| Tank capacity | |
| Hydraulic oil tank | l 150 |
| Connection equipment | |
| FH | ● |
| Euro | ○ |
| Weights | |
| Maximum unladen weight | kg 11350 |

| Models | 14.42 |
|---------------------------------------|-------|
| Other | |
| Frame lateral levelling 10° | ● |
| Front Stabilizers | ● |
| Rear axle swing block | ○ |
| Fixed tow hook up to 12 ton | ○ |
| Bucket mode | ● |
| Tyres | |
| Turning radius | m 4,2 |
| 400/70 - 20" OFFSET +35 MPT01 | ● |
| 400/70 - 24" OFFSET +29 4L R1 | ○ |
| 445/65 - 22.5" OFFSET +50 AGP23 | ○ |
| 400/70 - 24" ET +29 NO MARKING MPT753 | ○ |

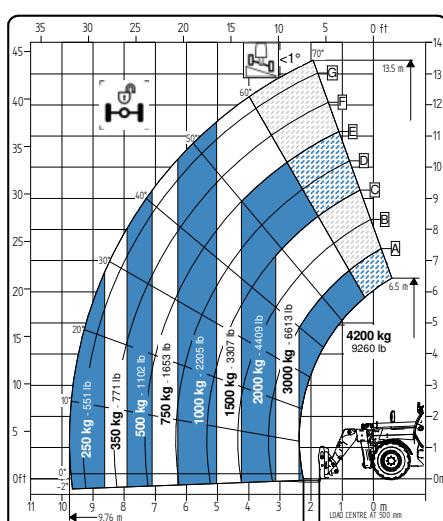
● Standard

○ Optional

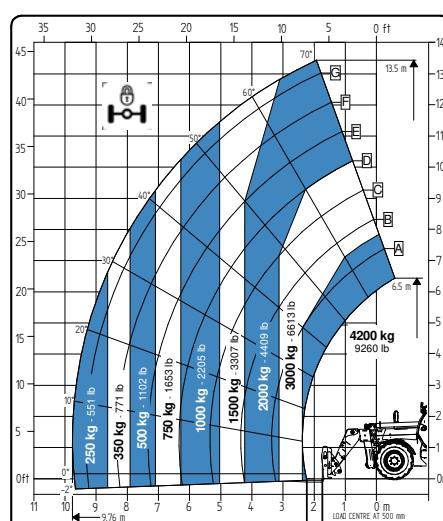
- Not available



With deployed stabilisers



On wheels with free axle



On wheels with locked axle

14.42 FULL ELECTRIC

CONFIGURATIONS

| Full Electric configuration | | Full Electric |
|--|-------|--|
| Engine | | |
| Transmission | kW | 51 (S1) |
| Hydraulic services | kW | 23 (S1) |
| Hydraulics | | |
| Pump type | Gears | |
| Hydraulic flow-rate | l/bar | 120/250 |
| Flow sharing distributor | | ● |
| Distributor | | Hydraulic proportional |
| Hydraulic quick release with manual 6 way diverter | | ○ |
| Boom suspension | | ○ |
| Floating boom | | ○ |
| Manual 6-way diverter valve | | ○ |
| Constant front flow | | ○ |
| Boom Electric Socket (PEB) | | ○ |
| Transmission | | |
| Electric two mechanical gears 10 - 25 km/h | | ● |
| Axles | | |
| 45% limited slip self-locking differential front axles | | ● |
| Swing lock rear axles | | ○ |
| Open type differential rear axles | | ● |
| Brakes | | |
| Service brake | | Multi-disc in oil bath |
| Parking brake | | Multi-disc in oil bath with negative drive type SAHR |
| Pneumatic / hydraulic trailer brake | | ○ |
| Lights | | |
| LED front and rear work lights | | ○ |
| LED boom work lights | | ○ |
| Trailer lights rear socket | | ○ |
| Cabin | | |
| Cabin | | Standard |
| Radio presetting | | ○ |
| Protection grille for windscreen | | ○ |
| Rear mirror | | ○ |
| Special features | | |
| Air conditioning | | ○ |
| Forward buzzer avas | | ○ |
| Telematics Farmatics FULL (2-5 years) | | ○ |

● Standard

○ Optional

- Not available

| Chargers * | | 105 |
|--|------|---------------------|
| Performance | | |
| Type | | Lithium battery LFP |
| Rated energy | kW/h | 45 |
| Rated voltage | V | 435 |
| Capacity | Ah | 105 |
| Autonomy | | |
| Autonomy standard cycle intensive (eco mode) | | 3 h 30 m |
| Autonomy standard cycle not intensive (eco mode) | | 8 h |

| Chargers * | | 105 |
|--|--|----------|
| Standard | | |
| Average 0-100% charging time - Single-phase 7.4 kW 32 A - 230 V AC wallbox | | 6 h 30 m |
| Average 0-100% charging time - Three-phase 11 kW 32 A - 400 V AC wallbox | | 5 h |
| Options | | |
| Average 0-100% charging time - Single-phase 7.4 kW 32 A - 230 V AC wallbox | | 6 h 30 m |
| Average 0-100% charging time - Three-phase 22 kW 32 A - 400 V AC wallbox | | 3 h 30 m |

* The values given may vary, even significantly, due to environmental conditions, the mode of use and the charging system. They may also be affected by other non-predictable or non-measurable factors.

SUSTAINABILITY THAT WORKS



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08.2025