

# FR 17.45 FULL ELECTRIC

# C

TECHNICAL SHEET

Metric System



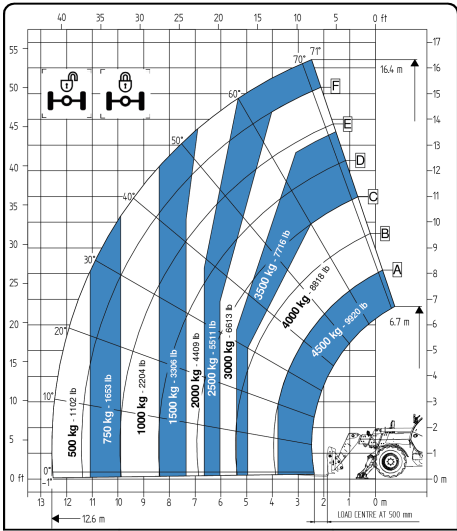
# FR 17.45 Full Electric - Specifications

| Configurations               |                                                     | 105 Ah |
|------------------------------|-----------------------------------------------------|--------|
| Engine                       |                                                     |        |
| Engine                       | Electric Motor                                      |        |
| Power                        | 45.6 kW                                             |        |
| Emissions                    | ero 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                | 4500 kg                                             |        |
| Lift Height                  | 16.4 m                                              |        |
| Max Reach                    | 12.6 m                                              |        |
| Reach at Max Height          | 2.5 m                                               |        |
| Boom Sections                | 3                                                   |        |
| 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               | 445/65 - 22.5"                                      |        |
| Turning Radius               | 4.2 m                                               |        |
| Brakes                       |                                                     |        |
| Service Brake                | Oil-immersed multi-disc                             |        |
| Parking Brake                | Oil-immersed multi-disc, negative acting, SAHR type |        |

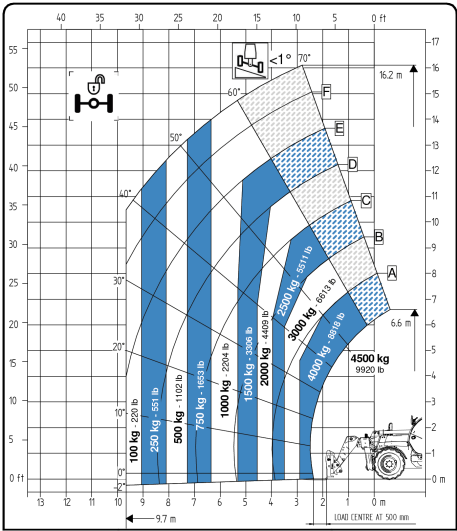
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| Configurations             | 105 Ah                                     |
|----------------------------|--------------------------------------------|
| Dimensions                 |                                            |
| Height                     | 2560 mm                                    |
| Width                      | 2360 mm                                    |
| Track Width                | 1832 mm                                    |
| Ground Clearance           | 340 mm                                     |
| Front Overhang             | 2330 mm                                    |
| Axle Distance              | 2950 mm                                    |
| Rear Overhang              | 1240 mm                                    |
| Length                     | 6520 mm                                    |
| Width with stabilizers     | 3418 mm                                    |
| Cabin Width                | 960 mm                                     |
| Weights                    |                                            |
| Weight                     | 12300 kg                                   |
| Tank Capacities            |                                            |
| Hydraulic Oil Tank         | 150 l                                      |
| 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      | Standard                                   |
| LED Road Lights Rear       | Standard                                   |
| LED Work Lights Front/Rear | Optional                                   |
| LED Work Lights Boom       | Optional                                   |
| Rear Electric Socket       | -                                          |
| Boom Electric Socket       | Optional                                   |
| 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                                   |

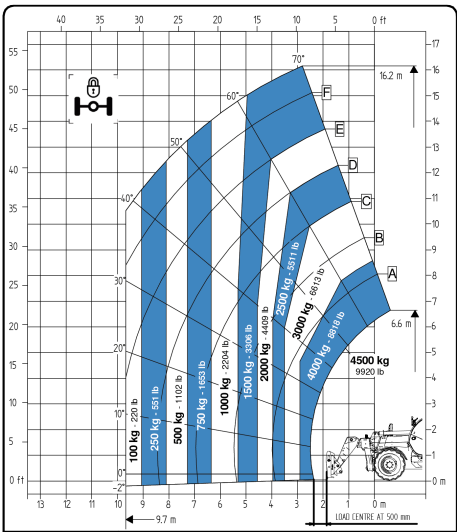
FR 17.45 Full Electric - Load Charts



With Stabilizers



On Wheels - Free Axle



On Wheels - Locked Axle



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