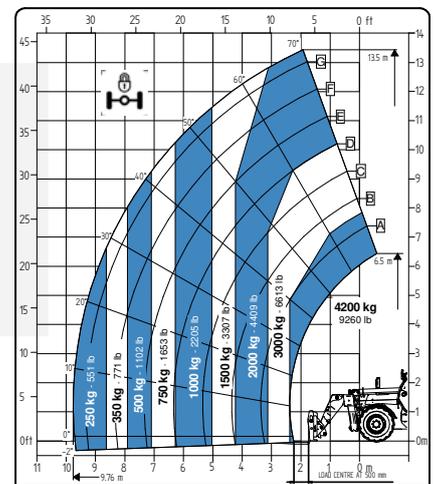
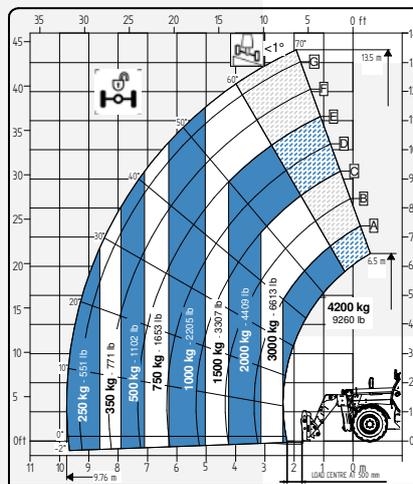
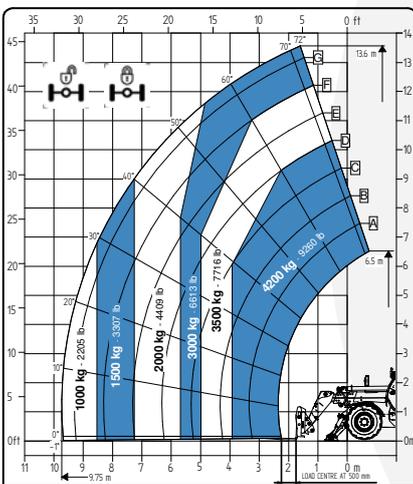


# TECHNICAL SHEET

## 14.42 FULL ELECTRIC



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# 14.42 FULL ELECTRIC

## TECHNICAL FEATURES

MODELS		14.42E
<b>DIMENSIONS</b>		
Height	ft	8.2
Width	ft	7.6
Length	ft	20.8
Cabin width	ft	3.1
<b>WEIGHT</b>		
Weight	lbs	25,243
<b>DETAILS</b>		
Number of extracting sections	nr	2
Max capacity	lbs	9,259
Max lifting height	ft	44.6
Max horizontal boom extension	ft	31.9
Boom extension at max height	ft	5.2
Swinging Angle	°	144
<b>TANK CAPACITY</b>		
Hydraulic oil tank	gal	39.6
<b>CONNECTION FOR EQUIPMENT</b>		
FH		●
<b>TYRES</b>		
405/70 20		●
405/70 24		○
445/65 R22.5		○
Turning radius	ft	13.1
<b>BATTERIES AND CHARGERS</b>		
Battery		435V (105 Ah)
Charging type	v	220 - 380

NOTE: All dimensions defined on model with wheels 405/70 20

CONFIGURATIONS		FULL ELECTRIC
<b>TRANSMISSION</b>		
Transmission		electric
Speed	mph	15.5
<b>MOTOR</b>		
Transmission	kW	51 (S1)
Hydraulic services	kW	23 (S1)
<b>HYDRAULIC</b>		
Pump type		gears pump
Hydraulic capacity	gal/psi	31.7/3,626
Distribution		flow sharing
<b>OTHER</b>		
Joystick		hydraulic-electro proportional
Cabin		Queen Cab
Quick coupling		○
Front and rear LED lights		○
Floating boom		○
Boom suspension		○
Manual 6-way diverter		○
PEB (Boom Electric Socket)		○
Front constant flow		○
Bucket mode		●
<b>SPECIAL FEATURES</b>		
Air conditioning		○
Forward buzzer avas		○
Farmatics		FULL (2-5 years)

● Standard    ○ Optional    - Not available

POWER AND BATTERY CAPACITY	45 kW/h (105 Ah)
AUTONOMY STANDARD CYCLE INTENSIVE (eco mode)	UP TO 3,5 HOURS
AUTONOMY STANDARD CYCLE NOT INTENSIVE (eco mode)	UP TO 8 HOURS

CHARGERS		
<b>STANDARD ON BOARD MONO PHASE CHARGER 11 KW</b>	20-80%	5 h
POWER INPUT  32 A  220 VAC		
POWER OUTPUT  14 A  435 VDC	0-100%	8 h
<b>STANDARD THREE-PHASE CHARGER ON BOARD 11 KW</b>	20-80%	3 h
POWER INPUT  16/32 A  400 VAC		
POWER OUTPUT  22 A  435 VDC	0-100%	5 h 30 m
<b>OPTIONAL SINGLE-PHASE CHARGER ON BOARD 22 KW</b>	20-80%	12 h
POWER INPUT  16 A  220 VAC		
POWER OUTPUT  4 A  435 VDC	0-100%	27 h
<b>OPTIONAL THREE-PHASE 16A CHARGER ON BOARD 22 KW</b>	20-80%	3 h
POWER INPUT  16 A  400 VAC		
POWER OUTPUT  22 A  435 VDC	0-100%	5 h 30 m
<b>OPTIONAL THREE-PHASE 32A CHARGER ON BOARD 22 KW</b>	20-80%	2 h
POWER INPUT  32 A  400 VAC		
POWER OUTPUT  37 A  435 VDC	0-100%	3 h 30 m
<b>50KW DC CHARGING STATION</b>	20-80%	1 h 30 m
POWER INPUT  50 Kw		
POWER OUTPUT  50 A (variables)	0-100%	2 h 30 m