



Lifting Engineering NV
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IPMA-E, 100% Electric

Type	IPMA 20E	IPMA 24E	IPMA 28E	IPMA 32E	IPMA 36E	IPMA 40E
Pulling capacity						
Maximum pull (hook)	106 kN	127 kN	148 kN	170 kN	191 kN	210 kN
Maximum towable mass	2050 T	2500 T	2900 T	3300 T	3750 T	4150T
Dimensions						
Length	7685mm	7800 mm	7840 mm	8440 mm	8440 mm	8440 mm
Width	2500 mm	2500 mm	2500 mm	2500 mm	2500 mm	2500 mm
Height	3260 mm	3260 mm	3260 mm	3420 mm	3420 mm	3420 mm
Mass	20000 kg	24000 kg	28000 kg	32000 kg	36000 kg	40000 kg
Tire size	12.00 R 24			14.00 R 24		
Compressor						
Compressor flow	4 m³/min					
Air supply	400 - 800 l					
Electric drive line specifications						
Motor type	Brushless motor, direct connection to the driving axles					
Nominal power	2 x 121 kW			2 x 137 kW		
Peak torque	2 x 1800 Nm			2 x 2300 Nm		
Battery energy	140 / 210 kWh					
Battery voltage	750 V _{DC}					
Battery type	Lithium NMC					
Maximum speed	20 km/h					
Options						
Inspection	Available with type approval and Infrabel inspection					
Radio control	Arcon T5 with feedback on a display					
Sunroof	Extra roof on the cabin to keep the cabin cool in summer					
Four-wheel steering	2-wheel steering / 4-wheel steering / Crab steering for improved turning circle					
Hose reels	For safer coupling of the wagon air brakes					
Automatic climate control	Heat pump with heating and cooling functionalities					
Extra cooling power	Large capacity coolers for warmer climates					
Data connection	4G connection for remote service					
Coupling hook	Different types of coupling hooks available					
Cupholders	Capable of holing a cup and a big bottle					