



# NEXT-GENERATION TERMINAL TRACTORS

BATTERY ELECTRIC (EV) | HYDROGEN FUEL CELL ELECTRIC (H<sub>2</sub>)



## **CAPACITY TRUCKS IS LEADING THE CHARGE TO ZERO EMISSIONS.\***

Capacity has created the next generation of terminal trucks with our EV and H<sub>2</sub> models. Utilizing a proven electrical power train, both trucks are designed to operate at least one full shift before needing to be recharged or refueled.

*\*Zero tailpipe  
emissions*



# LEADING THE FUTURE

	UNIT	WAREHOUSE & DISTRIBUTION				PORTS & TERMINALS				
GENERAL	Power train/drivetrain	Type	Electric (Hydrogen Fuel Cell)		Electric (Li-ion Battery)		Electric (Hydrogen Fuel Cell)		Electric (Li-ion Battery)	
	Rated capacity/rated load (GCWR)	lb kg	81,000	36,740	81,000	36,740	182,000	82,600	182,000	82,600
	Wheelbase	in mm	138	3,500	138	3,500	138	3,500	138	3,500
WHEELS	Tire size, front		X-Terminal 310/80 R22.5				X-Terminal 310/80 R22.5			
	Tire size, rear		X-Terminal 310/80 R22.5				X-Terminal 310/80 R22.5			
	Suspension/damping	Type	Front Leaf Spring/Rear Dura-Ride®				Front Leaf Spring/Rear Dura-Ride®			
PERFORMANCE	Travel speed, with load/without load	mph km/h	25 40	25 40	25 40	25 40	25 40	25 40	25 40	
	Travel speed—reverse, with load/without load	mph km/h	5 8	5 8	5 8	5 8	5 8	5 8	5 8	
POWER TRAIN	Battery voltage	V	650				650			
	Battery size	kWh	130		260		130		260	
FUEL CELL	Engine type—fuel cell	Type	45 kWh fuel cell		N/A		45 kWh fuel cell		N/A	
	Hydrogen storage capacity	lb kg	33.3 15	N/A		33.3 15		N/A		
	Hydrogen storage pressure	Bar	350		N/A		350		N/A	
	Hydrogen fill connector	Type	SAE J2600 H35		N/A		SAE J2600 H35		N/A	
DRIVE	Drive unit	Type	Drive Motor with Powershift Transmission				Drive Motor with Powershift Transmission			
	Drive unit manufacturer	Type	DANA® eSP502				DANA® eSP502			
	Circuit stages forward/backward	#	2/2				2/2			
MISC	Coupling	Type	Drive Shaft				Drive Shaft			
	Charger capacity	kW	Up to 90		Up to 180		Up to 90		Up to 180	
	Charging connector	Type	CCS1		CCS1		CCS1		CCS1	

Battery Capacity (kWh)	EXPECTED RUN TIME (HRS)			
	Distribution		Ports	
	Light	Heavy	Light	Heavy
130	10	7	8	N/A
260	21	13	12	8
Fuel Cell	20	12	11	8

	EXPECTED ENERGY CONSUMPTION (PER HR)			
	Distribution		Ports	
	Light	Heavy	Light	Heavy
Battery (kWh/h)	10	16	18	30
Fuel Cell (kg H2/h)	0.7	1.2	1.3	2.2

Battery Capacity (kWh)	EXPECTED TIME TO FULL CHARGE (HRS)			
	Charger Capacity (kW)			
	90	120	150	180
130	1.2	1.2	1.2	1.2
260	2.2	1.7	1.6	1.6

EXPECTED HYDROGEN FILL TIMES (MINS)
~15 (similar to a diesel engine)

