



CAPACITY
ZERO EMISSIONS



NEXT-GENERATION TERMINAL TRACTORS

BATTERY ELECTRIC | HYDROGEN FUEL CELL ELECTRIC HYBRID



CAPACITY TRUCKS IS LEADING THE CHARGE TO ZERO EMISSIONS.

As a leading manufacturer of terminal trucks, we partnered with proven technology provider, Hyster-Yale®, to build our hydrogen fuel cell electric hybrid and battery electric trucks.



LEADING THE FUTURE

	UNIT	WAREHOUSE & DISTRIBUTION				PORTS & TERMINALS				
GENERAL	Powertrain/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		11R22.5				11R22.5			
	Tire size, rear		11R22.5				11R22.5			
	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	
	Travel speed—reverse, with load/without load	mph km/h	5 8		5 8		5 8		5 8	
POWERTRAIN	Battery voltage	V	700				650			
	Battery size	kWh	130		130 or 260		130		130 or 260	
FUEL CELL	Engine manufacturer/type—fuel cell	Type	Nuvera® E-45-HD		N/A		Nuvera® E-45-HD		N/A	
	Hydrogen storage capacity	lb kg	33.3	15.1	N/A		33.3	15.1	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	Type of drive unit	Type	Drive Motor with Powershift Transmission				Drive Motor with Powershift Transmission			
	Drive unit manufacturer/type	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 or CCS2		CCS1 or CCS2		CCS1 or CCS2		CCS1 or CCS2	

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

	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	N/A	N/A	N/A
260	2.3	1.7	1.4	1.2

EXPECTED HYDROGEN FILL TIMES (MINS)
~15

