

# Model No.: HD-TE25A

## Electric Towing Tractor



# Model No.: HD-TE25A

## Electric Towing Tractor

The HD-TE25A is an electric-powered baggage towing tractor with high performance, low noise and high reliability; it widely used in airports, stations, warehouses, industrial and mining enterprises and other fields. It is in compliance with IATA AHM 910 ,IATA AHM 913,IATA AHM 915, IATA AHM925, GB4785-2007,GB7258-2017,MHT-6048-2008 requirements.

### FEATURES:

- \*Battery: Lithium iron phosphate battery 80V/840AH
- \*Charging time: 3-3.5h
- \*Un-load driving distance: 210km
- \*Battery Protection level (IP): IP67
- \*In-built extinguishing system and BMS battery management system for safety and reliability
- \*Over-temperature protection ensuring safety during charging
- \*Front axle: longitudinally placed semi-elliptical leaf springs suspension with two-way acting cylindrical shock absorbers
- \*Front brake: drum brake.

### SPECIFICATIONS:

- \*Overall dimensions (LxWxH): 3380x1560x1450mm ( without cab)
- \*Turning radius: 2950mm
- \*Wheelbase: 1600mm
- \*Track F/R: 1230mm/1200mm
- \*Tow hitch height: 305MM/405mm
- \*Ground clearance: 150mm
- \*Self weight: Approx. 3550kgs ( without cab )
- \*Tyre F/R: 6.50-10PR / 28x9-15
- \*Working temperature: -40℃ ~+65℃
- \*Maximum pull: 25KN (20KN,30KN,40KN for optional)

### OPTIONAL FEATURES

Windshield, simple driving cab and sealed cab,air conditioning, hot air blower; custom-built traction pins,tool box and so on.



## Model No.: HD-TE25LA

### Electric Towing Tractor With Lead-acid battery



## Model No.: HD-TE25LA

### Electric Towing Tractor With Lead-acid battery

The HD-TE25LA is an electric-driven baggage tractor with lead-acid battery; It features with low cost and environmental friendly. It is widely used in airports, stations, warehouses, industrial and mining enterprises and other fields. It is in compliance with IATA AHM 910 ,IATA AHM 913, IATA AHM 915, IATA AHM925, GB4785-2007,GB7258-2017,MHT-6048-2008 requirements.

#### FEATURES:

*Battery:	Lead-acid battery 80V/620AH
Brand:	FAAM ITALY
*Charging time:	6h
*Un-load driving distance:	150km
*Motor Power:	22.8KW
*Front axle:	Spiral spring independent suspension with Telescopic Shock Absorber
*Rear axle:	Leaf spring suspension with Telescopic Shock Absorber
*Steering:	Hydraulic steering system.
*Front brake:	Hydraulic drum brake with vacuum booster.( Disc brake for option)
*Rear brake:	Hydraulic disc brake with vacuum booster.

#### SPECIFICATIONS:

*Overall dimensions (LxWxH):	3190x1440x1380mm ( without cab)
	3190x1440x1980mm ( with cab)
*Turning radius:	2950mm
*Wheelbase:	1900mm
*Track F/R:	1220mm/1160mm
*Tow hitch height:	305mm/405mm
*Ground clearance:	150mm
*Self weight:	Approx. 4250kgs
*Tyre F/R:	650-10/ 650-10
*Working temperature:	-35°C ~+60°C
*Maximum drawbar pull:	25KN (15KN & 20KN for optional)
*Rated pull weight:	25000kgs (15000kgs & 20000kgs for optional)

#### OPTIONAL FEATURES

Windshield, simple driving cab and sealed cab,air conditioning, hot air blower; custom-built traction pins and so on.





## Model No.: HD-EBL80

### Electric Belt Loader



## Model No.: HD-EBL80

### Electric Belt Loader

The HD-EBL80 is a reliable and widely used belt loader for cargo or baggage transport in the ramp handling. It is in compliance with IATA AHM 905 ,IATA AHM 910,IATA AHM 913 and GB1589, GB4785-2007,GB7258-2004 , MHT-6048-2008 requirements.

#### FEATURES:

- \*Battery: Lithium iron phosphate battery 309V/173AH, 53.48KWH  
Lithium iron phosphate battery 80V/660AH, 52.8KWH (for option)
- \*Charging time: 1.5-2h;  
3-3.5h for optional battery)
- \*Driving distance without load: 225km  
Working ability on one charge ( km+T): 166km + 248Ton
- \*In-built extinguishing system and BMS battery management system for safety and reliability
- \*Over-temperature protection ensuring safety during charging
- \*Front axle: Steering axle with hydraulic disc brake
- \*Rear axle: Drive rear axle with drum brake and parking brake
- \*Steering: full hydraulic steering system; four-wheel braking system
- \*Front brake: Front disc brake
- \*Rear brake: Rear drum brake

#### SPECIFICATIONS:

- \*Overall dimensions (LxWxH): 8100×2100×2180 mm (With cab)
- \*Turning radius: 7850mm
- \*Wheelbase: 3000mm
- \*Track F/R: 1750mm/1695mm
- \*Maximum driving ramp: 20°
- \*Ground clearance: 170mm
- \*Self weight: Approx. 3850kgs
- \*Belt width: 700mm
- \*Belt working speed: 0.16- 0.5m/s
- \*Belt load capacity: 135kgs/m
- \*Front end working heights: 1050 - 4200mm
- \*Rear end working heights: 400 - 1500mm
- \*Maximum beam angle: 29°
- \*Working temperature: -40°C ~+65°C
- \*Tyre front/rear: 7.00R15-10PR

#### OPTIONAL FEATURES

- \*Full driving cab
- \*Canopy
- \*Air conditioning.



## Model No.: HD-ETBL80 Electric Towable Belt Loader

## Model No.: HD-ETBL80 Electric Towable Belt Loader

The towable belt loader (electric type) HD-ETBL80 is a new energy ground cargo support vehicle, which is mainly used for loading and unloading luggage, parcels, mail and other goods by plane. It is in compliance with IATA AHM 910 ,IATA AHM 913,IATA AHM 925 and GB4785-2007,MH/T-6030-2014 requirements and so on.

### FEATURES:

- \*Battery: Lithium iron phosphate battery 257.6V/173AH, 44.56KWH
- \*Cruising range per charge (Km): 225Km;
- \*Working ability on one charge (Km+T): 22Km+660Ton;
- \*Battery Density:153Wh/kg
- \*Protection Grade(IP):IP67
- \*In-built extinguishing system and BMS battery management system for safety and reliability
- \*Over-temperature protection ensuring safety during charging
- \*Front axle: with pressure plate brake
- \*Rear axle: With pressure plate brake
- \*Electrical system:12V DC
- \*Emergency power cut-off switch for safety

### SPECIFICATIONS:

- \*Overall dimensions (LxWxH): 9190/8090mm x1710mm x1720mm
- \*Maximum towing speed: 25km/h
- \*Wheelbase: 4080mm
- \*Track F/R: 1445mm/600mm
- \*Ground clearance: 150mm
- \*Self weight: 2450kgs
- \*Belt width: 700mm
- \*Belt working speed: 0.16 - 0.5m/s
- \*Belt load capacity: 135kgs/m
- \*Front end working heights: 1050 - 4200mm
- \*Rear end working heights: 400 - 1500mm
- \*Working temperature: -40℃ ~+65℃
- \*Tyre front/rear: 7.00-9 solid rubber / 4.00-8 solid rubber

### OPTIONAL FEATURES

- \*Canopy



# Electric Passenger Stair

Model No.: HD-EPS5800D



# Electric Passenger Stair

Model No.: HD-EPS5800D

The HD-EPS5800D is an electric-driven passenger stair truck with the service height between 2400mm and 5800mm, which is suitable for aircrafts such as A300 ,A310 ,A318 ,A319 ,A320 , A321 ,A330 ,A340 ,B737 ,B757 ,B767 ,B777 ,B787 and B747.It is in compliance with IATA AHM 905, IATA AHM 910,IATA AHM 913, IATA AHM 915,IATA AHM 916,IATA AHM 920,GB4785-2007,GB7258 -2014 and MHT-6029-2014 requirements.

## SPECIFICATION:

*Battery:	Lithium iron phosphate battery,96.77KWh
*Charging mode:	DC charging
*Charging Time:	approx. 70mins
Service height:	2400mm ~ 5900mm
*Dimensions:	8220×2200×3720mm( LxWxH)
*Max. inclination:	37°
*Maximum speed:	20km/h
*Platform sizes:	3470×1850mm
*Step Dimension:	1500x300x190mm
*Step capacity:	210kgs
*Platform capacity:	1120kgs
*Ground clearance:	200mm
*Working temperature:	-32℃ ~ +60℃
*Tare weight:	Approx. 8100kgs

## FEATURES:

- \*Chassis: ISUZU QL1070BEVECDAY
- \*Electric power for friendly-environment
- \*Six stabilizers provides highly stability and safety
- \*Pivoting access platform gently and automatically aligns with fuselage for protection of aircrafts.
- \*Easier maintenance and more reliable operations.

## OPTIONAL FEATURES

- \*Canopy
- \*Air conditioning.



# Electric Passenger Stair

Model No.: HD-ZEPS5800D



# Electric Passenger Stair

Model No.: HD-ZEPS5800D

The HD-ZEPS5800D is an electric-driven passenger stair truck with the service height between 2300mm and 5800mm, which is suitable for aircrafts such as A300 ,A310 ,A318 ,A319 ,A320 , A321 ,A330 ,A340 ,B737 ,B757 ,B767 ,B777 ,B787 and B747.It is in compliance with IATA AHM 905, IATA AHM 910,IATA AHM 913, IATA AHM 915,IATA AHM 916,IATA AHM 920,GB4785-2007,GB7258 -2014 and MHT-6029-2014 requirements.

## SPECIFICATION:

*Battery:	Lithium iron phosphate battery,173Ah/515.2V/89.13KWh
*Charging mode:	DC charging
*Working ability on one charge:	137km+67times up/down or 186km
*Wheelbase F/R:	2000mm/1950mm
Service height:	2300mm ~ 5800mm
*Dimensions:	7570×3000×3650mm( LxWxH)
*Max. inclination:	35°
*Maximum speed:	80km/h (limited 50km/h)
*Platform sizes:	3150×2200mm
*Step Dimension:	1500x292x190mm
*Step capacity:	210kgs
*Platform capacity:	1120kgs
*Ground clearance:	190mm
*Working temperature:	-32℃ ~ +60℃
*Tare weight:	Approx.8450kgs

## FEATURES:

- \*Chassis: self-made chassis
- \*Electric power for friendly-environment.
- \*wide wheelbase insures the safety and convenience.
- \*Six stabilizers provides highly stability and safety
- \*Pivoting access platform gently and automatically aligns with fuselage for protection of aircrafts.
- \*Easier maintenance and more reliable operations.

## OPTIONAL FEATURES

- \*Canopy
- \*Air conditioning.





# Electric Passenger Stair

Model No.: HD-ZEPS4500D



# Electric Passenger Stair

Model No.: HD-ZEPS4500D

The HD-ZEPS4500D is an electric-driven passenger stair truck with the service height between 2000mm and 4500mm, which is suitable for aircrafts such as A300 ,A310 , A318 ,A319 ,A320 ,A321 ,B737 ,B757 ,B767 and so on.If is in compliance with IATA AHM 905,IATA AHM 910,IATA AHM 913, IATA AHM 915,IATA AHM 916,IATA AHM 920, GB4785-2007,GB7258-2014 and MHT-6029-2014 requirements.

## SPECIFICATION:

*Battery:	Lithium iron phosphate battery,173Ah/515.2V/89.13KWh
*Charging mode:	DC charging
*Charging time:	approx. 90min
*Working ability on one charge:	157km+77times up/down or 226km
*Wheelbase F/R:	2000mm/2000mm
Service height:	2000mm ~ 4500mm
*Dimensions:	7040×2450×3340mm( LxWxH)
*Max. inclination:	35°
*Maximum speed:	80km/h (limited 50km/h)
*Platform sizes:	3325×2200mm
*Step Dimension:	1500x292x190mm
*Step capacity:	210kgs
*Platform capacity:	1120kgs
*Ground clearance:	190mm
*Working temperature:	-32°C ~+60°C
*Tare weight:	Approx.7350kgs

## FEATURES:

- \*Chassis: self-made chassis
- \*Electric power for friendly-environment.
- \*wide wheelbase insures the safety and convenience.
- \*Six stabilizers provides highly stability and safety
- \*Pivoting access platform gently and automatically aligns with fuselage for protection of aircrafts.
- \*Easier maintenance and more reliable operations.

## OPTIONAL FEATURES

- \*Canopy
- \*Air conditioning.



# Electric Lavatory Water Truck

Model No.: HD-ELW40D

# Electric Lavatory Water Truck

Model No.: HD-ELW40D

The HD-ELW40D is an electric-driven lavatory water truck which can provide the clean water for toilet and dispose of dirty water for aircrafts like A300, A310, A320, A340, A380, B727, B737, B747, B757, B767, B777 etc. It is in compliance with the standards and requirements of IATA AHM 905, IATA AHM 910, IATA AHM 913, IATA AHM 915, IATA AHM 916, MH/H6015-2014, GB1589-2004, GB4785-2007, GB7258-2014 and AC-137-CA-2015-20R1.

## SPECIFICATIONS:

*Dimensions:	7400×2100×2270mm( LxWxH)
*Work platform lift range:	400 - 3000mm(optional)
*Work platform load:	200kgs
*Wheelbase:	3815mm
*Maximum speed:	80km/h
*Ground clearance:	200mm
*Self weight:	Approx.4700kgs
*Clean water tank capacity:	1700L
*Lavatory water tank capacity:	3400 L
*Water flow rate:	215L/min
*Water pressure:	0.25-0.35Mpa

## FEATURES:

- \*Chassis: ISUZU QL1070BEVECHA2Y ELECTRIC;
- \*Battery: Lithium iron phosphate batter,106.95kWh;
- \*Max. 310km after being fully charged;
- \*Fast charging technology ensures full charging within 70mins.
- \*Automatic fire extinguishing system to ensure the safety of operation;
- \*Arc-shaped water tank ensures no foreign matter adhering and facilitates cleaning;
- \*Stainless steel centrifugal pump;
- \*Stainless steel filter;
- \*Customized color and logo available;
- \*Water flow controller and indicator
- \*Anti-collision switch;
- \*Emergency stop button available;
- \*Flash beacon;
- \*Warm and Cool air condition(for optional)





# Electric Catering Truck

Model No.: HD-ECT60D



# Electric Catering Truck

Model No.: HD-ECT60D

The HD-ECT60D is an electric-driven catering truck with the service height of 2670mm~6200mm, which can provide services to aircrafts of B737, B747, B757, B767, B777, MD90, MD11, DC10, A300, A310, A318, A319, A320, A321, A330, A340, A380 (first level door), CONCORDE, TU154M, TL-96-300. It is in compliance with IATA AHM 905, IATA AHM910, AHM913, AHM915, IATA AHM916 and MH/T6016-2017, AC-137-CA-2015-20R1, AC-137-CA-2020-01.

## SPECIFICATIONS:

*Service height:	2670mm ~ 6200mm
*Dimensions:	10185×2500×3700mm
*Carriage dim.	7500×2500×2400mm
*Wheelbase:	5550mm
*Min. ground clearance:	200mm
*Gross weight:	Approx.151000kgs
*Outer turning diameter:	20950mm
*Carriage load:	5600kgs
*Fixed platform load:	1500kgs
Movable platform load:	600kgs
*Fixed platform dimension:	1420x2170mm
*Movable platform dimension:	950x1000mm
*Front/Back adjustable range:	0 - 600mm
*Left/Right adjustable range:	0 - 700mm

## FEATURES:

- \*Chassis: ISUZU QL1180BEVELQHY
- \*Battery: Lithium iron phosphate battery, 246.67kWh;
- \*Cruising range up to 385km after being fully charged;
- \*Fast charging technology ensures fully charging within 150mins.
- \*Adaptive heating system ensures operation in cold regions of -35°
- \*High-efficiency energy recovery system for longer cruising range
- \*scissor lift system
- \*Automatic fire extinguishing system to ensure the safety
- \*Customized color and logo available.
- \*Emergency stop button available
- \*Warm and Cool air condition for optional

# Electric Clean Water Service Truck

Model No.: HD-ECW40D



# Electric Clean Water Service Truck

Model No.: HD-ECW40D

The HD-ECW40D is an electric-driven clean water truck which can provide the clean water for aircrafts like A300, A310, A320, A340, A380, B727, B737, B747, B757, B767, B777 etc. It is in compliance with the standards and requirements of IATA AHM 905, IATA AHM 910, IATA AHM 913, IATA AHM 915, IATA AHM 916, MH/H6014-2018, GB1589-2004, GB4785-2007, GB7258-2014.

## SPECIFICATIONS:

*Dimensions:	7140×2100×2270mm( LxWxH)
*Work platform lift range:	400 - 3000mm(optional)
*Work platform load:	200kgs
*Wheelbase:	3815mm
*Maximum speed:	80km/h
*Ground clearance:	200mm
*Self weight:	Approx.4150kgs
*Water tank capacity:	4600 L
*Water flow rate:	215L/min
*Water pressure:	0.25-0.35Mpa

## FEATURES:

- \*Chassis: ISUZU QL1070BEVECHA2Y ELECTRIC;
- \*Battery: Lithium iron phosphate batter,106.95kWh;
- \*Fast charging technology ensures full charging within 70mins.
- \*Automatic fire extinguishing system to ensure the safety of operation;
- \*Arc-shaped water tank ensures no foreign matter adhering and facilitates cleaning;
- \*Stainless steel centrifugal pump;
- \*Stainless steel filter;
- \*Customized color and logo available;
- \*Water flow controller and indicator
- \*Anti-collision switch;
- \*Emergency stop button available;
- \*Flash beacon;
- \*Warm and Cool air condition(for optional)