



VKTR PRODUCT CATALOG



INDONESIAN BORN, GLOBAL CONTRIBUTION

PRODUCT LINE-UP



1

ELECTRIC
DUMP TRUCK
8X4



2

ELECTRIC
LOADER



3

ELECTRIC
12 METERS BUS



4

ELECTRIC
8 METERS BUS



5

ELECTRIC
HEAVY DUTY TRUCK



6

ELECTRIC
LIGHT DUTY TRUCK



7

ELECTRIC
TRACTOR HEAD
OFFROAD/
HEAVY LOAD



8

ELECTRIC
TRACTOR HEAD
ONROAD/
STANDARD LOAD



9

ELECTRIC
TRANSPORTER
VAN



10

ELECTRIC
FORKLIFT



	BATTERY CAPACITY (KWH)	CHARGE TIME (MINUTES)	PAYLOAD (TON) UP TO	RANGE (KM) UP TO
• TS331-C10R	375	90	75.00	165
• TSEZ50	282	60	5.50	8 h
	375	90		12 h
• HIGH FLOOR • LOW FLOOR • BUS CHASIS	357	90	3.00	390
	352	90		380
• HIGH FLOOR • BUS CHASIS	210	90	1.90	350
• SHORT WHEELBASE • LONG WHEELBASE	282	90	26.00	120
	352	90		160
	422	180		200
• SHORT WHEELBASE • MEDIUM WHEELBASE	90	90	5.70	120
	90	90		120
	132	90		170
	169	180		220
• TRH 260F (6X4)	577	120	120.00	270
• TRH 260 (6X4)	422	90	56.00	200
• 11 SEATS • 16 SEATS • 18 SEATS • AMBULANCE / EMERGENCY UNIT	86	90	18 PASSENGER	340
	V/AH	90		5 h
• CPD 20HE	115/125		2.00	
• CPD 25HE	115/125		2.50	
• CPD 30HE	115/230		3.00	
• CPD 35HE	115/230		3.50	
• CPD 38HE	156/165		3.80	
• CPD 40HE	156/220		4.00	
• CPD 45HE	156/220		4.50	
• CPD 50HE	156/220		5.00	

ELECTRIC DUMP TRUCK

V K T R

MORE EFFICIENT,
ENGINEERING TRANSPORT
EQUIPMENT

RIVER SERIES
MAMBERAMO



INDONESIAN BORN GLOBAL CONTRIBUTION

TS331-C10R

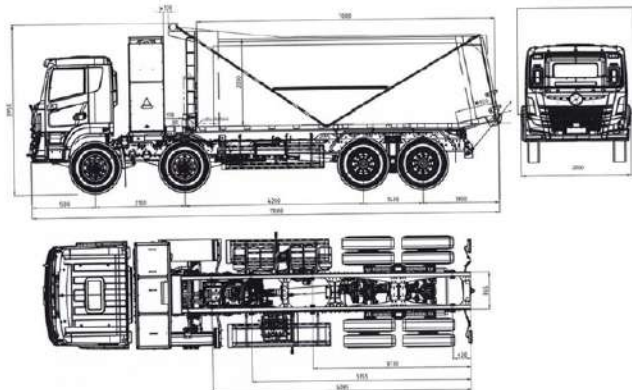
ELECTRIC DUMP TRUCK 8X4

MAIN SPECIFICATION

DESCRIPTION	PARAMETER VALUE
Design Mass Parameter	
Curb Weight	25000 kg
Max Rated Contained Mass	75000 kg
Maximum Allowable Total Mass	100000 kg
Performance Parameter	
Driving Type	8x4
Maximum Speed	85 km/h
Endurance Mileage (NEDC)	165 km
Dimension Parameter	
Length	11000 mm
Width	2560 mm
Height	3950 mm
Wheelbase	2100 mm + 4200 mm+ 1400 mm
Driving Cab	
Type	Right Rudder, Small Row Half Berth, Low-top Cab
Person Capacity	2
Configuration	Hydraulic Turnover Mechanism
Battery	
Model/Manufacturer	REPT BATTERO
Power Storage Capacity	375.58 kWh
Arrangement Type	Back Battery Commutation
Electric Engine	
Model/Manufacturer	Lvkon/TZ460XS-LKM3001
Rated Power/Top Power	360/550 kW
Rated Rotor Speed/Top Rotor Speed	2100/3500 r/min
Rated/Top Torque	1640/3060 N.m
Gear Box	
Model/Manufacturer	Lvkon/J4S280
Gears	4
Maximum Input Torque	2800 N.m
Gear Ration	8.67/4.57/2.29/1
Drive Axle	
Manufacturer	HANDE
Model	16t
Final Drive Ratio	8.88
Brake Type	Drum Type
Differential Lock	Between Wheels & Axles
Front Axle	
Model	2 x 9.5 T
Brake Type	Drum Type
Wheel System	
Wheel Rim	8.50 - 24
Tyre	12.00R24-20PR
Number of Wheels	12
Chassis	
Type	Straight Beam of Equal Width
Main Longitudinal Beam Section	320×90× (8+8) mm Partly Enhanced
Frame Assembly Width	865 mm
Suspension	
- Front	
Type	Vertical Multi-blade spring
Centre Distance	850 mm
Number of Leaf Spring Pieces	11 mm
- Back	
Type	Vertical Multi-blade spring
Centre Distance	1050 mm
Number of Leaf Spring Pieces	14 mm
Steering System	
Steering System	Circulating Ball Hydraulic Assist
Steering Ratio	23
Max Pressure of Steering Pump	15 MPa
Braking System	
Rated Working Pressure	1.2 MPa
Parking Braking Type	Spring Energy Storage Air Brake
Auxiliary Braking Type	Motor Assisted Braking
Electric Appliance	
Cable Form	Double Wire System,Power Alignment
Storage Battery	2 ×12/60 V/Ah
Power Take Off	
Model	QH503
Port Type	Internal Spline
Gear Ration	1.64
Direction of Turning	Face Output Flange Counterclockwise
Upper Parts	
Cargo Body Dimension	7000×2500×2000 mm
Cargo Body Form	U-type/Rectangular Box
Cylinder Form	Chrome Plated Cylinder,Front-topType
Other Remarks	
Manual Turnover Mechanism, Electromotive Air Conditioner, Mechanical Seat, Remote Control Key + Central Control Door Lock, Electric Window Lift, Ordinary Steering Wheel, Mechanical Rear View Mirror, Block Pattern Tire, Scattered Lamp Bumper	



OVERALL DIMENSION



Electric dump trucks are a game-changer in heavy-duty transportation, offering zero emissions, lower noise levels, and improved efficiency compared to traditional diesel-powered trucks. They are particularly useful in industries like mining and construction, where sustainability and cost-effectiveness are key.

Designed for demanding environments like coal and nickel mining. It features a high-capacity battery, powerful electric drive system, and optimized payload capacity to ensure maximum performance while reducing environmental impact.



High Load Capacity

- Reinforced frame system with 10+10mm double layer frame and partial 8mm reinforcement.
- Enhanced balanced suspension system, supporting a maximum total weight of 80T.
- Strengthened drive axle with a single axle load capacity of up to 25T.



Superior Passability

- Side mounted components (e.g., air reservoirs, battery brackets) repositioned upward to maximize passability.
- Equipped with oversized 12.00R24 mining tires.



Large Battery Capacity

- A large 375 kWh battery capacity refers to an electrically powered heavy-duty truck designed for transporting materials while operating on a high-capacity battery system.



Exceptional Waterproofing

- Wire harness ends undergo multiple specialized waterproof treatments, exceeding IP68 standards.
- Electrical components pass rigorous waterproof tests and receive multiple upgrades.



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ELECTRIC LOADER

VKTR

**GREAT STRENGTH,
GREASED LIGHTNING**



INDONESIAN BORN GLOBAL CONTRIBUTION



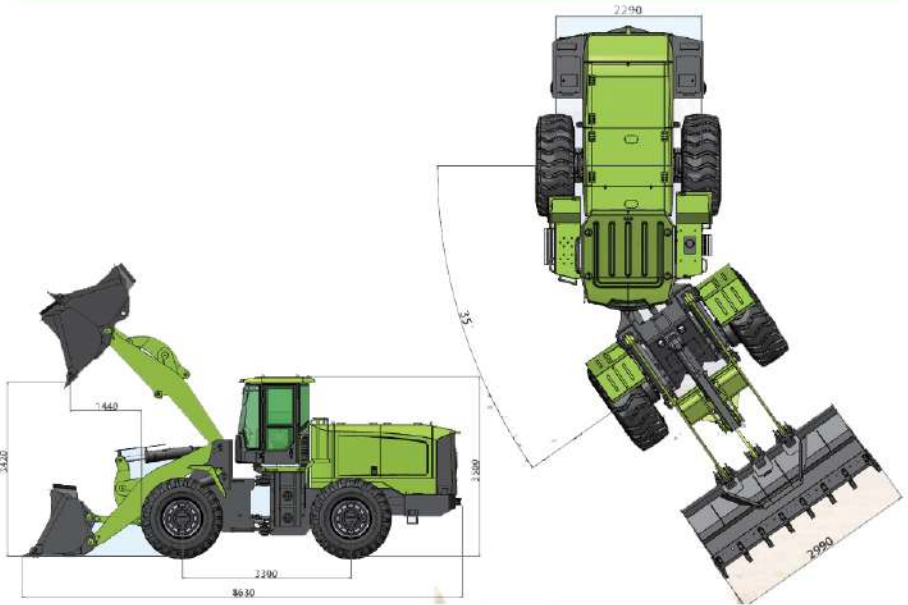
TSEZ50

PURE ELECTRIC LOADER

MAIN SPECIFICATION

DESCRIPTION	PARAMETER VALUE
Performance Parameter	
Ternary Sum Time	10 s
Boom Lift Time	5.1 s
Unloading Height	3420 mm
Unloading Distance	1440 mm
Pin Height for Maximum Lift	4160 mm
Digging Depth	45 mm
Maximum Take-up Angle in the Ground Plane	45°
The Maximum Take-up Angle at the Loading Position	48°
Maximum Take-up Angle for Maximum Lift	53°
Unloading Angle	45°
Vehicle Parameters	
Rated Deadweight	5,500 kg
Bucket Capacity	5.5 m ³
Lifting Force	≥170 KN
Machine Operating Weight	18500 kg
Travelling Motor Power	100/200 kW
Oil Pump Motor Power	90/150 kW
Battery Capacity	282/75 kWh
Working Hours	8-12 h
360 View Camera	Standard Configuration
Transmission System	
Tractive Effort	≥160 kN
Gradient	30°
Advance km/h	15/39
Recoil km/h	15/39
Dimension Parameters	
Ground Clearance	408 mm
Cab Height	3500 mm
Wheel Track	2290 mm
Outside Width of Bucket	2990 mm
Whole Length	8630 mm
Steering Angle, either side	35°
Departure Angle	28°
The Minimum Turning Radius of the Bucket when its is in the Loading Position	7140 mm
Turning Radius, outside of the Tire	6670 mm

OVERALL DIMENSION



Dual electric control



Stylish and comfortable



Safe and reliable



Economy and energy saving

Revolutionizing construction and material handling with zero emissions, lower noise levels, and enhanced efficiency compared to traditional diesel-powered loaders. They are particularly beneficial in urban environments and industries focused on sustainability



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BYD

ELECTRIC 12 METERS BUS

VKTR

MORE SPACE, MORE SAVINGS,
MORE GREEN

TIDAR[®] MOUNTAIN SERIES
HIGH FLOOR & CARSTENZ[®]
LOW FLOOR



INDONESIAN BORN GLOBAL CONTRIBUTION



BYD VKTR ELECTRIC 12 METERS BUS



▶ BLADE BATTERY TECHNOLOGY

The BYD blade battery is a lithium iron phosphate (LFP). BYD claims that compared with ternary Lithium Batteries and traditional Lithium Iron Phosphate Batteries, the Blade Battery holds advantages in safety, range, longevity, strength and power.

▶ LONG DURATION WARRANTY

8 Years or 4000 cycles warranty for batteries which comes first. 5 years or 4000 cycles for motor and other high-voltage components.

▶ LOWER WEIGHT, HIGHEST DENSITY

Less weight and more energy density. Modular battery to ease the maintenance access and minimum replacement needed.



8 years
Battery Warranty

WARRANTY



90 minutes
fully charge

CHARGING



Zero fuel, low
maintenance

COST



Up to
390 KM

RANGE

▶ EXPERIENCED AFTER SALES SERVICE

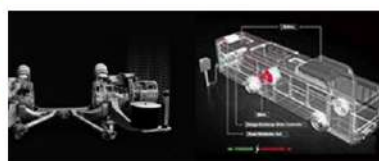
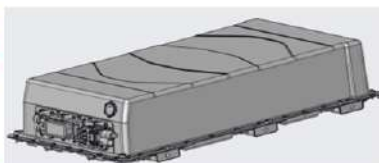
Pioneer in EV / Leader after sales service already up and running for almost 3 years with excellent spare part management, ensuring seamless bus operation.

▶ FULL AIR SUSPENSION WITH EURO STD

Comfortable driving experience with 2 front and 4 rear air suspension. Fully controlled ride height to match with vary road conditions.

▶ LOCALLY ASSEMBLED

WITH UNCOMPROMISED PRECISION AND RELIABILITY



40%

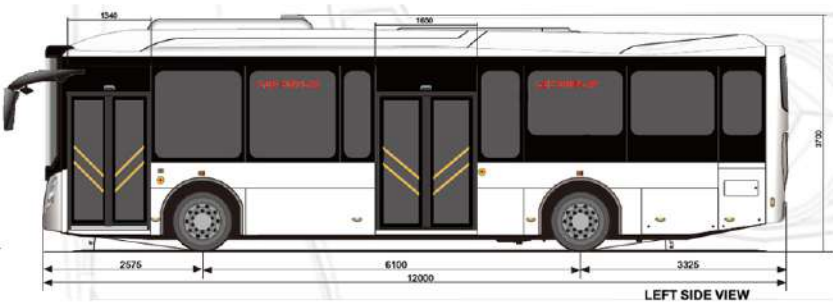
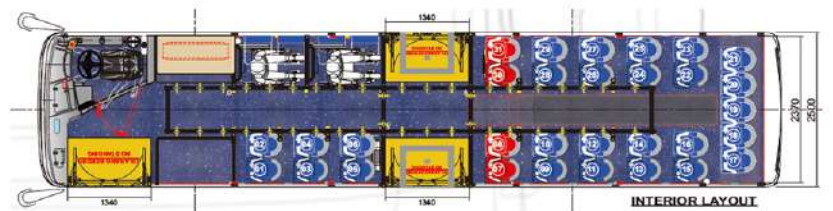
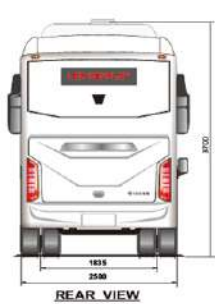
TKDN

40% of Components or materials to produce these buses come from Indonesia



► BODY ILLUSTRATION

Primary Usage Scenario : City Bus
31 Seats + 4 Folding Seats with 2 wheelchairs
area + 29 Stand



Suitable for City Bus, Shuttle Bus and more.

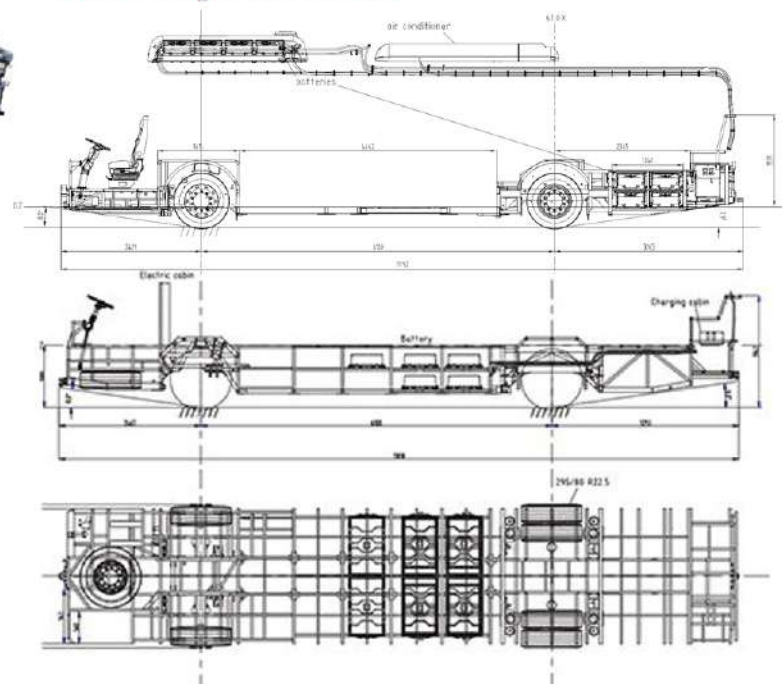
Note :

- Body composition can be changed to suit development needs.
- The number of seats can change according to weight calculations and Government regulations.

► CHASSIS DRAWING



► CHASSIS ILLUSTRATION



SPECIFICATION		
Vehicle Type Vehicle Model	12m High Floor Bus BYD D9HF	12m Low Floor Bus BYD D9LF
Dimension		
Length x Width x Height	11820 x 2496 x 2160 mm (Chassis only)	11680 x 2496 x 2160 mm (Chassis only)
Wheelbase	6100 mm	6100 mm
Front / Rear Overhang	2470 / 3250 mm (Chassis only)	2440 / 3140 mm (Chassis only)
Front / Rear Track	2060 / 1835 mm	2060 / 1835 mm
Ground Clearance Axle	250 mm	230 / 250 mm
Approach / Departure Angle	8° / 8°	8° / 8°
Turning Radius	10.7 m	10.7 m
Battery		
Type	LFP	LFP
Capacity	357 kWh	352 kWh
Cooling	Support Integrated cooling system	Support Integrated cooling system
Performance		
Range	up to 390 km	up to 380 km
Max Speed	80 km/h (with speed limiter)	80 km/h (with speed limiter)
Max Gradeability	18%	18%
Weight		
Curb Weight	7.6 T	8.9 T
GVW Regulated	16 T	16 T
Frame		
Type	Semi-Monocoque	Semi-Monocoque
Charging		
Type	DC	DC
Connector	2 x CCS2	2 x CCS2
Power / Charge Time	2 x 90 kW / 90 minutes	2 x 90 kW / 90 minutes
Motor		
Peak power & torque	2x150kW, 2x550 Nm	2x150kW, 2x550 Nm
Rated power & torque	2x110kW, 2x340 Nm	2x110 kW, 2x340 Nm
Type	Dual Motor AC PMSM	Dual Motor AC PMSM
Cooling	Liquid Cooling	Liquid Cooling
Transmission		
Type	A/T Direct Drive	A/T Direct Drive
Forward Ratios	1.00	1.00
Reverse Ratios	1.00	1.00
Axles		
Configuration	4 x 2	4 x 2
Capacity	7.5 + 13 T	7.5 + 13 T
Final Drive Ratio	17.8	17.8
Steering	EHPS Recirculating Ball Screw	EHPS Recirculating Ball Screw
Suspension		
Front	Rigid Axle Air Suspension 2-Bag with Shock Absorber	Rigid Axle Air Suspension 2-Bag with Shock Absorber
Rear	Rigid Axle Air Suspension 4-Bag with Shock Absorber	Rigid Axle Air Suspension 4-Bag with Shock Absorber
Braking System		
Type	Dual Circuit Air Brake, Disc	Dual Circuit Air Brake, Disc
Auxiliary	Regenerative Braking	Regenerative Braking
Safety System	ABS, EBD, HSA	ABS, EBD, HSA
Wheel & Tire		
Rim Size	8.25 x 22.5	8.25 x 22.5
Tire Size	295/80 R22.5 18 PR	275/70 R22.5 18 PR



Front View



Oblique View—Left



Rear View



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DKI Jakarta - 12940, Indonesia

ELECTRIC 8 METERS BUS

VKTR

**POWERING URBAN MOBILITY,
THE SMART WAY**

ARJUNO & IJEN
MOUNTAIN SERIES
HIGH FLOOR
LOW FLOOR



INDONESIAN BORN GLOBAL CONTRIBUTION



ELECTRIC 8 METERS BUS



**8 years
Battery Warranty**



**90 minutes
fully charge**



**Zero fuel, low
maintenance**



**Up to
350 KM**

► EMERGENCY BUTTON

The emergency stop button is strategically placed for instant access, allowing the driver to respond swiftly to any critical situation and safeguard all passengers on board.

► 360° CAMERA SYSTEM

Our 360° camera gives drivers a real-time bird's-eye view, improving navigation, minimizing risks, and ensuring a safer journey for everyone on board.

► FULL AIR SUSPENSION

Comfortable driving experience with front and rear air suspension.

► BATTERY COOLING MANAGEMENT SYSTEM

Integrated battery management system with the air conditioner, delivers cooler battery operation and longer durability. Temperature is always maintained even the bus in charging state.

► CATL MODULAR BATTERY TECHNOLOGY

#1 battery maker in China, providing higher energy density and longer cycle life time of the battery. Modular battery to ease the maintenance access and minimum replacement needed.



► EXPERIENCED AFTER SALES SERVICE

After sales service already up and running for almost 3 years with excellent spare part management, ensuring seamless bus operation.



**Technical
Contract**



**Customers on Site
Parts Contract**



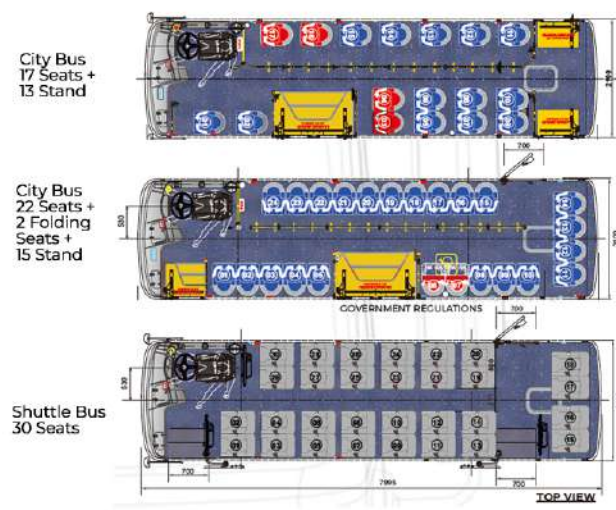
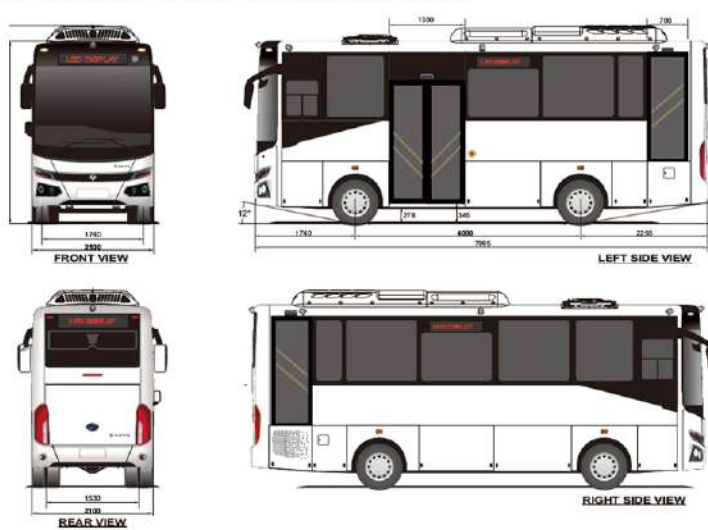
**Customers on Site
Parts Contract Plus
(CSPC+)**



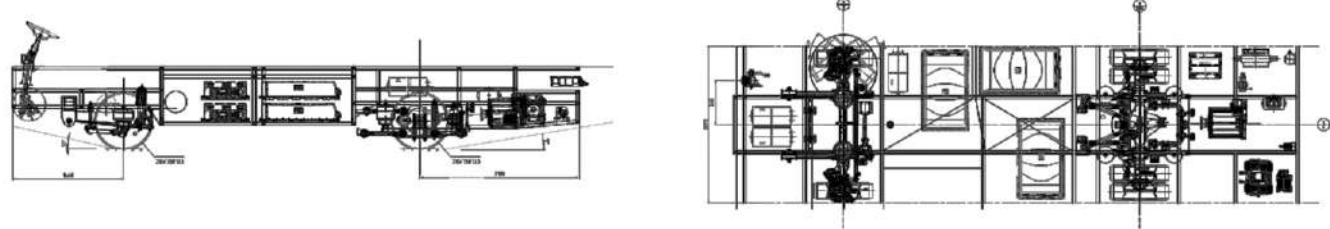
**One Stop Solution
(FMC)**



CITY BUS BODY ILLUSTRATION

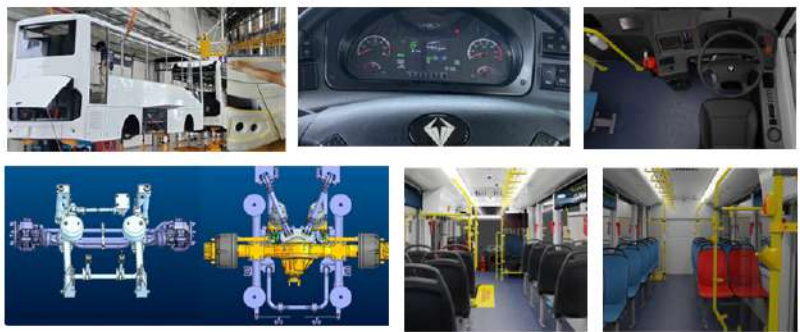


CHASSIS DRAWING



LOCALLY ASSEMBLED

Chassis has been designed to match with every usage scenarios in Indonesia as much as possible, making it easy for body builder to adapt with their design. Many seats layout and doors configuration can be built on this chassis.



40%
TKDN

40% of Components or materials to produce these buses come from Indonesia



Side View—Left



Front View



Side View—Right



Rear View

SPECIFICATION

Vehicle Model

VKTR BHF080

Dimension

Length	7560 mm (Chassis Only)
Width	2070 mm (Chassis Only)
Height	2100 mm (Chassis Only)
Wheelbase	4000 mm
Front Overhang	1460 mm (Chassis Only)
Rear Overhang	2100 mm (Chassis Only)
Front Track	1750 mm
Rear Track	1530 mm
Ground Clearance Axle	110 mm
Ground Clearance Non-Axle	300 mm
Approach Angle	12°
Departure Angle	9°
Ramp Angle	17°
Turning Radius	7.5 m

Battery

Type	LFP CATL
Capacity	210.56 kWh
Cooling	Support Integrated cooling system

Performance

Range	up to 350 km
Max Speed	100 km/h (with speed limiter)
Max Gradeability	20%

Weight

Curb Weight	4.2 T (Chassis Only)
GVW Regulated	9.8 T

Frame

Type	Semi-Monocoque
------	----------------

Charging

Type	DC
Connector	1 x CCS2
Power / Charge Time	120 kW / 90 minutes

Motor

Peak power & torque	160 kW, 2100 Nm
Rated power & torque	85 kW, 900 Nm
Type	AC PMSM
Cooling	Liquid Cooling

Transmission

Type	A/T
------	-----

Axles

Configuration	4 x 2
Capacity	3.5 + 6.5 T
Final Drive Ratio	4.888
Steering	EHPS Recirculating Ball Screw

Suspension

Front	Rigid Axle Air Suspension 2-Bag with Shock Absorber
Rear	Rigid Axle Air Suspension 4-Bag with Shock Absorber

Braking System

Type	Circuit Air Brake, FR Disc / RR Drum
Auxiliary	Regenerative Braking
Safety System	ABS, EBD

Wheel & Tire

Rim Size	6.00 x 17.5
Tire Size	215/75 R17.5



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ELECTRIC HEAVY DUTY TRUCK

VKTR

WORK HARD, POLLUTE LESS



INDONESIAN BORN GLOBAL CONTRIBUTION



ELECTRIC HEAVY DUTY TRUCK



**5 years
Battery Warranty**



**90 minutes
fully charge**



**Low
Operational
Costs**



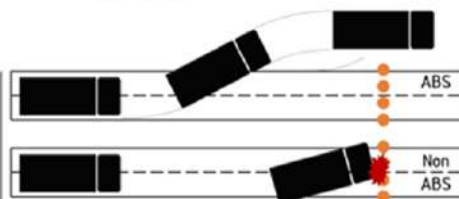
**Up to
200 KM**

► ABS



Hill Hold Control
Motor holds vehicle in place for 3 seconds after brake release.

► HSA



ABS
Automatic control of braking to prevent skidding.

► REGENERATIVE BRAKING

Motor acts as auxilliary brake during braking and descending, increasing range & efficiency.

► HIGHEST MOTOR POWER

Powerful permanent magnet motor coupled with clutchless AMT Transmission provide smooth driving both empty or fully laden.

► BRAKING

Full drum brakes on all wheels for increase wear resistance + ABS.

► SAFETY FEATURES

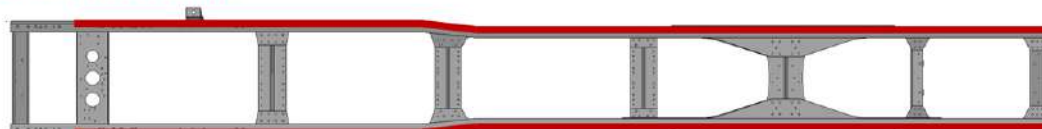
Hill start assist control motor holds vehicle after brake release & ABS Automatic control of braking to prevent skidding.

► SPACIOUS INTERIOR CABIN





► DOUBLE-LAYER FRAME



Full Double-Layer Frame

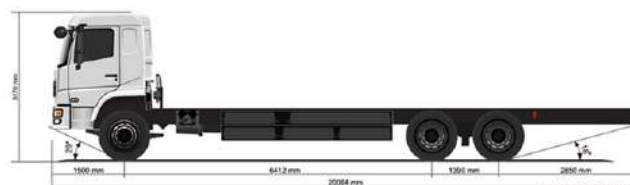
(Front suspension to frame end)

► Full double layer frame high tensile - strength steel.

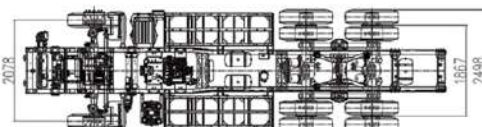
► CHASSIS DRAWING



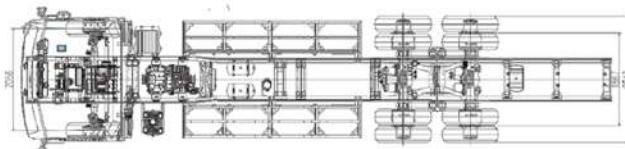
LEFT SIDE VIEW



LEFT SIDE VIEW



HDT 6X4 Short Wheelbase



TOP VIEW

HDT 6X4 Long Wheelbase

► MULTIBODY APPLICATION

Multiple type of body can be applied, ready for any type of jobs.



COMPACTOR



DUMPER



ARM ROLL



MIXER



ALUMINIUM STEEL BOX



SELF LOADER



STEEL BOX



BULK CARRIER



DUMP COAL BODY



COOL BOX



WINGBOX



MOTORCYCLE CARRIER



Front View



Oblique View—Right



Rear View



Oblique View—Left

SPECIFICATION

Vehicle Type	Heavy Duty Truck 6x4 Short Wheelbase	Heavy Duty Truck 6x4 Long Wheelbase
Dimension		
LengthxWidthx Height	8700 x 2498 x 3170 mm	11900 x 2498 x 3170 mm
Cab to End	6350 mm	9550 mm
Wheelbase	4350 + 1350 mm	6200 + 1350 mm
Front / Rear Overhang	1500 / 1500 mm	1500 / 2850 mm
Front / Rear Track	2078 / 1867 mm	2078 / 1867 mm
Ground Clearance	460 / 460 / 245 mm	460 mm
Non-Axle		
Approach Angle	18°	18°
Departure Angle	33°	15°
Ramp Angle	20°	15°
Turning Radius	9.6 m	12.7 m
Battery		
Type	CATL LFP	CATL LFP
Capacity	282 / 352 / 422 kWh	282 / 352 / 422 kWh
Cooling	Liquid-cooled with Chiller	Liquid -cooled with Chiller
Performance		
Range	up to 200 km	up to 200 km
Max Speed	80 km/h	80 km/h
Max Gradeability	30%	30%
Weight		
Curb Weight	11,3 / 11,6 / 12,4 T	12,4 / 12,7 / 13,5 T
GVW Regulated	26 T	26 T
Frame		
Type	Ladder Frame Dual Layer	Ladder Frame Dual Layer
Charging		
Type	DC	DC
Connector	2 x CCS2	2 X CCS2
Power	2 x 120 kW	2 x 120 kW
Charge Time	≥ 1.5 hours	≥ 1.5 hours
Motor		
Peak power & torque	400 kW, 2500 Nm	400 kW, 2600 Nm
Rated power & torque	280 kW, 1500 Nm	280 kW, 1500 Nm
Type	AC PMSM	AC PMSM
Cooling	Liquid Cooling	Liquid Cooling
Transmission		
Type	AMT	AMT
Ratios	4 - Speed Forward + 1 - speed reverse	4 - Speed Forward + 1 - speed reverse
PTO		
Type	From Transmission, DIN Standard Spline	From Transmission, DIN Standard Spline
Power	Max 154	Max 154
Torque	Max 700	Max 700
RPM	Max 2100	Max 2100
Axles		
Configuration	6 x 4	6 x 4
Capacity	9.5 + 16 + 16 T	9.5 + 16 + 16 T
Final Drive Ratio	5.92	5.92
Steering	EHPS Recirculating Ball Screw	EHPS Recirculating Ball Screw
Suspension		
Front	Multi Layer leaf Spring with Shock Absorber	Multi Layer Leaf Spring
Rear	Trapezoidal Bogie Spring	Trapezoidal Bogie Spring
Braking System		
Type	Dual Circuit Air Brake, Drum	Dual Circuit Air Brake, Drum
Auxiliary	Regenerative Braking	Regenerative Braking
Safety System	ABS, Hill Start Assist	ABS, Hill Start Assist
Wheel & Tire		
Rim Size	8.25 x 22.5	8.25 x 22.5
Tire Size	295/80 R22.5 18 PR	295/80 R22.5 18 PR
Cabin		
Tilting	Electric with Manual Backup	Electric with Manual Backup
Suspension	Semi-Air Suspended	Semi-Air Suspended
Driver Seat	Air Suspended	Air Suspended



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ELECTRIC LIGHT DUTY TRUCK

VKTR

SAVE MORE CARRY MORE

INDRAGIRI & OMBILIN
RIVER SERIES
SHORT WHEELBASE MEDIUM WHEELBASE

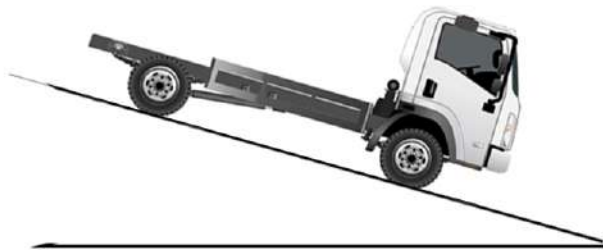


INDONESIAN BORN GLOBAL CONTRIBUTION





ELECTRIC LIGHT DUTY TRUCK



► REGENERATIVE BRAKING

Strong energy regeneration which generates strong brake force, assist driver in braking and enhance energy regeneration efficiency and range

► LARGE GRADEABILITY

Wheel torque more than 14000N.m, the gradeability is $\geq 38\%$ @ 8.6T, $\geq 25\%$ @12.5T.

► HIGH GROUND CLEARANCE

High ground clearance, passability is superior to that of oil vehicles, and meets off-road applications.



**5 years
Battery Warranty**



**180 minutes
fully charge**



**Low
Operational
Costs**



**Up to
220 KM**

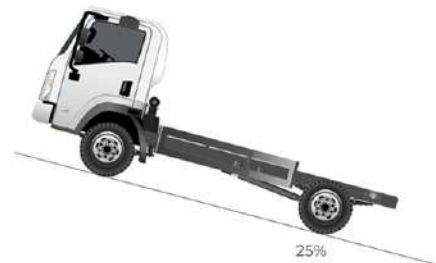
► E-PTO READY

Electric PTO has been included to the truck. Easy adaptation for local conventional body builders.



► POWERFUL POWERTRAIN

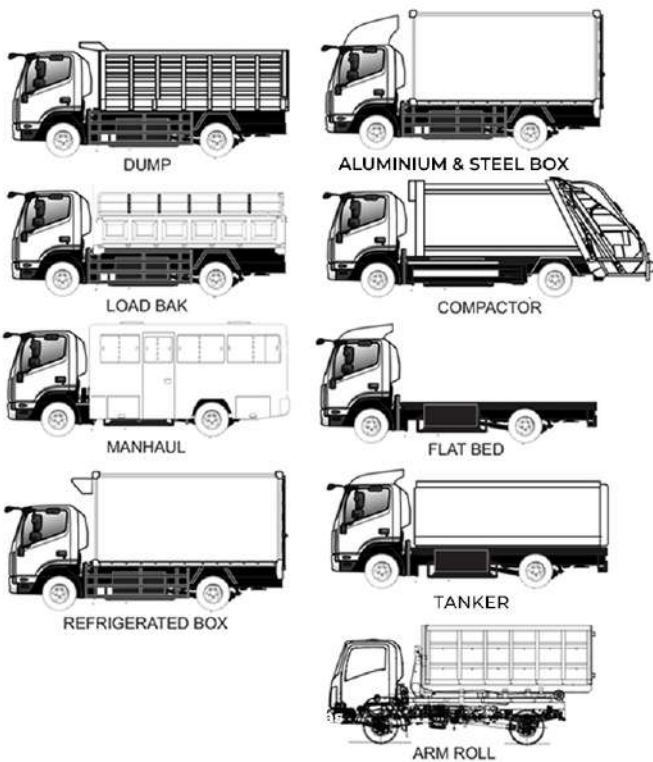
Powerful AC PMSM motor drive the truck to higher gradeability even in full load condition.



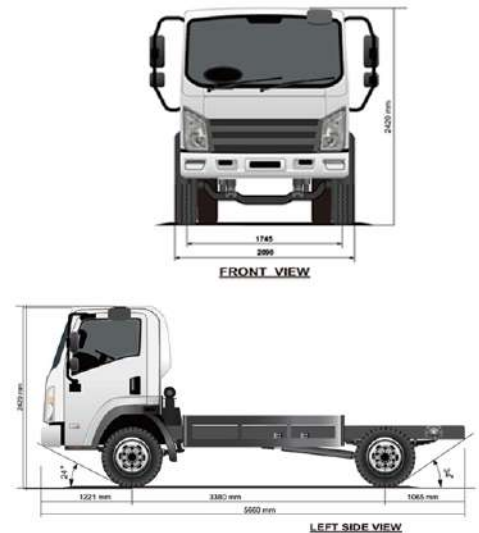


► MULTIBODY APPLICATION

Multiple type of body can be applied, ready for any type of jobs.



► CHASSIS DRAWING



► DOUBLE-LAYER FRAME DESIGN

Adopting a double-layer frame design, the frame is stronger, with a greater load capacity and no deformation of the frame.





Rear View



Oblique View—Left



Front View



Oblique View—Right

SPECIFICATION LIGHT DUTY TRUCK OFFROAD 4X2

Vehicle Type	Short Wheelbase	Medium Wheelbase
Dimension		
Length x Width x Height	5660 x 2090 x 2420 mm	6210 x 2090 x 2420 mm
Cab to End	3750 mm	4350 mm
Wheelbase	3380 mm	4000 mm
Front / Rear Overhang	1221 / 1065 mm	1221 / 1010 mm
Front / Rear Track	1745 / 1625 mm	1745 / 1625 mm
Ground Clearance Axle	195 mm	195 mm
Ground Clearance Non-Axle	357 mm	357 mm
Approach Angle	24°	24°
Departure Angle	34°	17°
Ramp Angle	21°	18°
Turning Radius	6.85 m	7.94 m
Battery		
Type	CATL LFP	CATL LFP
Capacity	90 kWh	90 / 132 / 169 kWh
Cooling	Air Cooling	Air Cooling
Performance		
Range	up to 120 km	up to 220 km
Max Speed	85 km/h	85 km/h
Max Gradeability	25%	25%
Weight		
Curb Weight	3.4 T	3.7 / 4.0 / 4.3 T
GVW Regulated	8.25 T	9.0 T
Axle Capacity	4.5 + 8 T	4.5 + 8 T
Frame		
Type	Ladder Frame Dual Layer	Ladder Frame Dual Layer
Charging		
Type	DC	DC
Connector	CCS2	CCS2
Power	90 kW	90 kW / 120 kW
Charge Time	50 minutes	50 / 75 / 90 minutes
Motor		
Peak power & torque	150 kW, 2250 Nm	150 kW, 2250 Nm
Rated power & torque	85 kW, 1100 Nm	85 kW, 1100 Nm
Type	AC PMSM	AC PMSM
Cooling	Liquid Cooling	Liquid Cooling
PTO		
Power	20 kW e-PTO (Motor only)	20 kW e-PTO (Motor only)
Axles		
Configuration	4 x 2	4 x 2
Final Drive Ratio	5.571	5.571
Steering	EHPS Recirculating Ball Screw	EHPS Recirculating Ball Screw
Suspension		
Front	Multi-layer Leaf Spring Trapezoidal	Multi-layer Leaf Spring Trapezoid
Rear	Multi-layer Leaf Spring with helper Trapezoidal	Multi-layer Leaf Spring with helper Trapezoidal
Braking System		
Type	Air Brake, Drum	Air Brake, Drum
Auxiliary	Regenerative Braking	Regenerative Braking
Parking Brake	Lever in Cabin Spring Actuated on Rear Axle	Lever in Cabin Spring Actuated on Rear Axle
Safety System	ABS + HSA	ABS + HSA
Wheel & Tire		
Rim Size	6.00G x 16	6.00G x 16
Tire Size	7.50-16 16 PR	7.50-16 16 PR
Cabin		
Steering Wheel	Right-Hand Drive	Right-Hand Drive
Tilting	Manual	Manual
Suspension	Solid Mount	Solid Mount



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Rasuna Epicentrum, Jl. H.R. Rasuna Said No. 2
DKI Jakarta - 12940, Indonesia

ELECTRIC TRACTOR HEAD OFF-ROAD

VKTR

BUILT TO LEAD, FUTURE-READY

RIVER SERIES
KAPUAS



INDONESIAN BORN GLOBAL CONTRIBUTION



ELECTRIC TRACTOR HEAD OFF-ROAD



▶ REGENERATIVE BRAKING

Motor acts as auxiliary brake during braking and descending, increasing range & efficiency.

▶ HIGHEST MOTOR POWER

Powerful permanent magnet motor coupled with clutchless AMT Transmission provide smooth driving both empty or fully laden.



5 years
Battery Warranty

WARRANTY



120 minutes
fully charge

CHARGING



Low
Operational
Costs

COST



Up to
270 KM

RANGE

▶ BEST IN CLASS RANGE

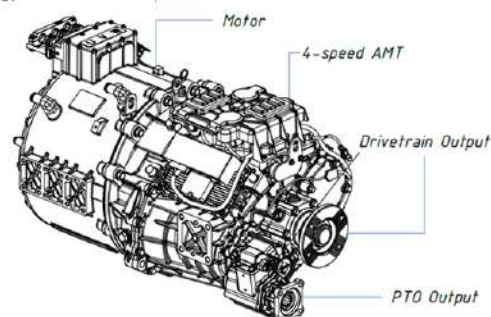
Large battery packs provide unmatched off-performance.

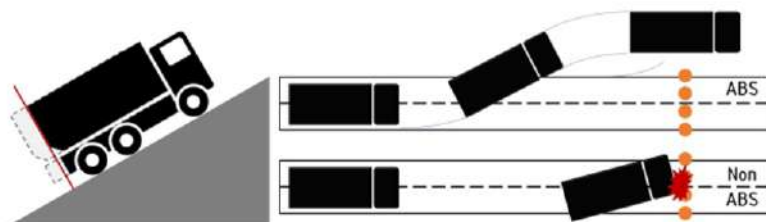
▶ SPACIOUS INTERIOR CABIN



▶ OPTIONAL PTO

Available with transmission PTO to drive accessories.





Hill Hold Control
Motor holds vehicle in place for 3 seconds after brake release.

ABS
Automatic control of braking to prevent skidding.

► SAFETY FEATURES

Hill hold control motor holds vehicle in place for 3 seconds after brake release & ABS Automatic control of braking to prevent skidding.

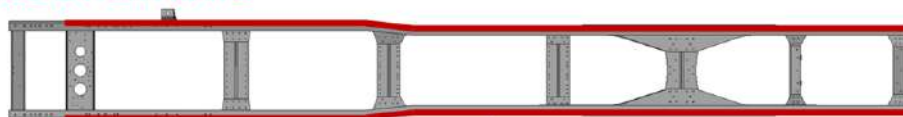


Brake Pressure Interlock
Prevent vehicle operation when air system pressure insufficient.



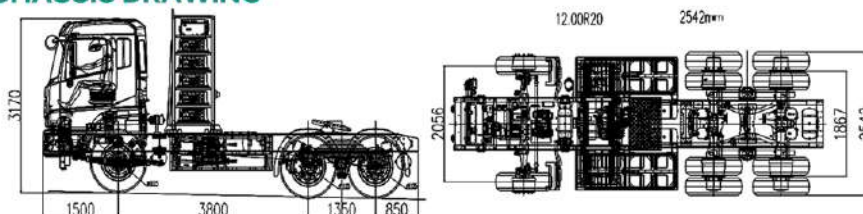
Brake Wear Sensor
System warns driver if brake pads worn beyond safe limits.

► DOUBLE-LAYER FRAME



Full Double-Layer Frame
(Front suspension to frame end)

► CHASSIS DRAWING



► MULTIBODY APPLICATION



COAL VESSEL



SINGLE TRAILER LOGGING



LOW BED



DOLLY

SPECIFICATIONS	
Vehicle Type Vehicle Model	Tractor Head 6x4 Off-Road TRH260
Dimension	
Length x Width x Height	7500 x 2498 x 3460 mm
Cabin to End	4200 mm
Wheelbase	3800 + 1350 mm
Front / Rear Overhang	1500 / 850 mm
Front / Rear Track	2078 / 1867 mm
Ground Clearance	410 mm
Approach / Departure	18° / 12°
Turning Radius	8.7 m
Battery	
Type	CATL LFP
Capacity	577 kWh
Cooling	Liquid-cooled with Chiller
Performance	
Range up to	270 km
Max Speed	85 km/h
Max Gradeability	34%
Weight	
Curb Weight	14.2 T
GCW	120 T
Axle Capacity	9.5 + 16 + 16 T
Frame	
Type	Ladder Frame Dual Layer
Charging	
Type	DC
Connector	CCS2 (Dual Port)
Power	2 x 120 kW
Charge Time	≥ 1.5 hours
Motor	
Peak Power & Torque	550 kW, 2800 Nm
Rated Power & Torque	400 kW, 1800 Nm
Type	AC PMSM
Cooling	Liquid Cooling

SPECIFICATIONS	
Vehicle Type Vehicle Model	Tractor Head 6x4 Off-Road TRH260
Transmission	
Type	AMT
Ratios	4 - Speed Forward + 1 - Speed Reverse
PTO	
Type	From Transmission, DIN Standard Spline
Power	Max 154 Kw
Torque	Max 700 Nm
RPM	Max 2100 RPM
Axles	
Configuration	6 x 4
Final Drive Ratio	5.92
Steering	EHPS Recirculating Ball Screw
Suspension	
Front	Multi-layer leaf Spring with Shock Absorber Trapezoidal
Rear	Boogie Spring Trapezoidal
Braking System	
Type	Dual Circuit Air Brake Drum
Auxilliary	Regenerative Breaking
Safety System	ABS, Hill Start Assist
Wheel & Tire	
Rim Size	8.25 x 22.5
Tire Size	295/80 R22.5 18PR
Cabin	
Tilting	Electric with Manual Backup
Suspension	Semi Air Suspended



Front View



Oblique View—Right



Rear View

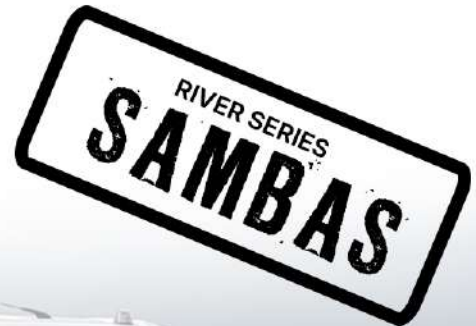


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ELECTRIC TRACTOR HEAD ON-ROAD

VKTR

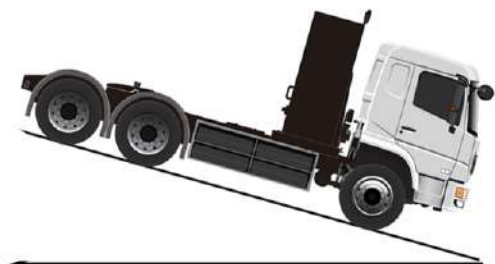
HEAVY LOADS, GREENER ROADS



INDONESIAN BORN GLOBAL CONTRIBUTION



ELECTRIC TRACTOR HEAD ON-ROAD



▶ REGENERATIVE BREAKING

Motor acts as auxiliary brake during braking and descending, increasing range & efficiency.

▶ HIGHEST MOTOR POWER

Powerful permanent magnet motor coupled with clutchless AMT Transmission provide smooth driving both empty or fully laden.



5 years
Battery Warranty

WARRANTY



90 minutes
fully charge

CHARGING



Low
Operational
Costs

COST



Up to
200 KM

RANGE

▶ BEST IN CLASS RANGE

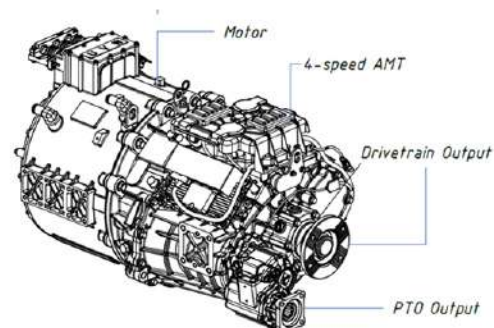
Large battery packs provide unmatched performance.

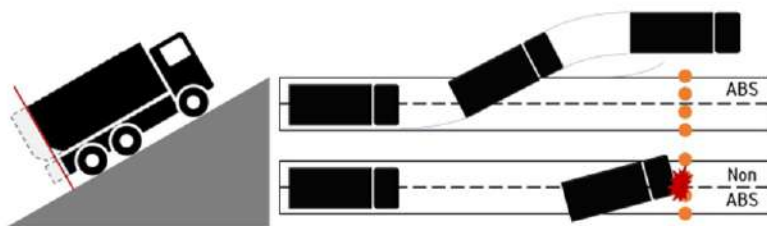
▶ SPACIOUS INTERIOR CABIN



▶ OPTIONAL PTO

Available with transmission PTO to drive accessories.





Hill Hold Control
Motor holds vehicle in place for 3 seconds after brake release.

ABS
Automatic control of braking to prevent skidding.

SAFETY FEATURES

Hill hold control motor holds vehicle in place for 3 seconds after brake release & ABS Automatic control of braking to prevent skidding.

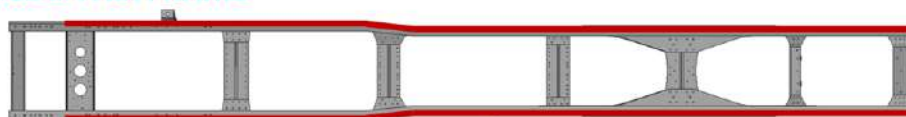


Brake Pressure Interlock
Prevent vehicle operation when air system pressure insufficient.



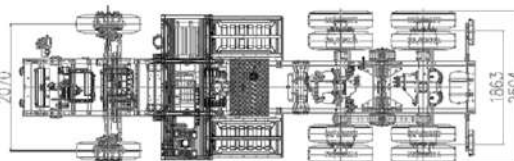
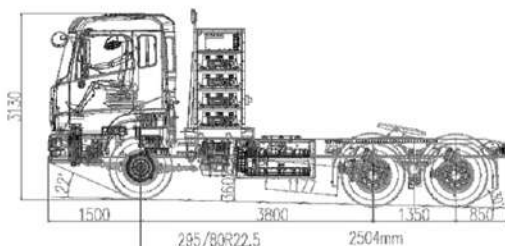
Brake Wear Sensor
System warns driver if brake pads worn beyond safe limits.

DOUBLE LAYER FRAME



Full Double-Layer Frame
(Front suspension to frame end)

CHASSIS DRAWING



MULTIBODY APPLICATION

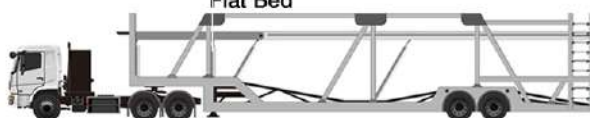
Multiple type of body can be applied, ready for any type of jobs.



Flat Bed



Container



Vehicle carrier



Bulk carrier

SPECIFICATIONS	
Vehicle Type Vehicle Model	Tractor Head 6x4 On-Road TRH260
Dimension	
Length x Width x Height	7500 x 2498 x 3170 mm
Cabin to End	4200 mm
Wheelbase	3800 + 1350 mm
Front / Rear Overhang	1500 / 850 mm
Front / Rear Track	2078 / 1867 mm
Ground Clearance	370 mm
Approach / Departure	18° / 12°
Turning Radius	8.7 m
Battery	
Type	CATL LFP
Capacity	422 kWh
Cooling	Liquid-cooled with Chiller
Performance	
Range	up to 200 km
Max Speed	85 km/h
Max Gradeability	34%
Weight	
Curb Weight	11.4 T
GCV	56 T
Axle Capacity	7.5 + 13 + 13 T
Frame	
Type	Ladder Frame Dual Layer
Charging	
Type DC	
Connector	CCS2 (Dual Port)
Power	2 x 120 kW
Charge Time	≥ 1.5 hours
Motor	
Peak Power & Torque	400 kW, 2600 Nm
Rated Power & Torque	280 kW, 1500 Nm
Type	AC PMSM
Cooling	Liquid Cooling

SPECIFICATIONS	
Vehicle Type Vehicle Model	Tractor Head 6x4 On-Road TRH260
Transmission	
Type	AMT
Ratios	4 - Speed Forward + 1 - Speed Reverse
PTO	
Type	From Transmission, DIN Standard Spline
Power	Max 154
Torque	Max 700
RPM	Max 2100
Axles	
Configuration	6 x 4
Final Drive Ratio	5.29
Steering	EHPs Recirculating Ball Screw
Suspension	
Front	Multi-layer leaf Spring with Shock Absorber Trapezoidal Boogie Spring Trapezoidal
Rear	
Braking System	
Type	Dual Circuit Air Brake Drum
Auxiliary	Regenerative Braking
Safety System	ABS, Hill Start Assist
Wheel & Tire	
Rim Size	8.25 x 22.5
Tire Size	295/80 R22.5 18PR
Cabin	
Tilting	Electric with Manual Backup
Suspension	Semi Air Suspended



Front View



Oblique View—Right



Rear View



PT VKTR Teknologi Mobilitas Tbk, Bakrie Tower Lt. 35
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DKI Jakarta - 12940, Indonesia

ELECTRIC TRANSPORTER VAN

VKTR

MORE COMFORT, MORE SAVINGS



INDONESIAN BORN GLOBAL CONTRIBUTION



ELECTRIC TRANSPORTER VAN



Wide sliding door



Wide side window



Anti-Slip Lock



Airbags

► FLEXIBLE FOR MULTIPLE APPLICATIONS

Modular platform supports up to 18-seat configurations, ideal for airport shuttles, executive transport, and high-value logistics.

► PREMIUM INTERIOR

Equipped with executive seats, air purifier, and a built-in infotainment system, designed for comfort and premium riding experience.

► BIGGEST BATTERY IN ITS CLASS

Our transporter is equipped with the largest battery capacity in its category, giving you extended range, higher efficiency, and fewer charging stops.



5 years
Battery Warranty



90 minutes
fully charge



Low
Operational
Costs



Up to
340 KM



Air Purifier



Rear Lamp

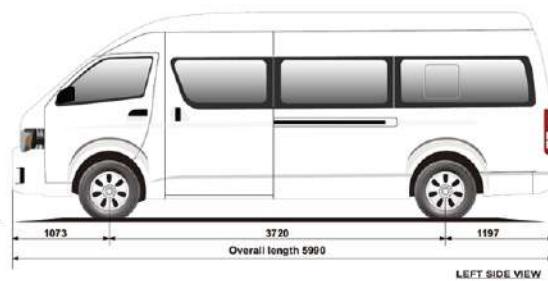
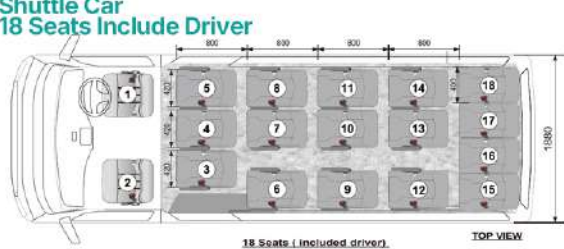
► CLASS-LEADING INTERIOR DIMENSIONS

Engineered with a longer and wider cabin than others in its class, this transporter offers expanded interior space that supports larger loads, improves cargo arrangement, and maximizes daily productivity.

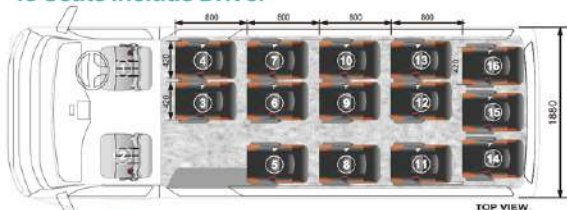


► EXTERIOR DRAWING & INTERIOR SEATS LAYOUT

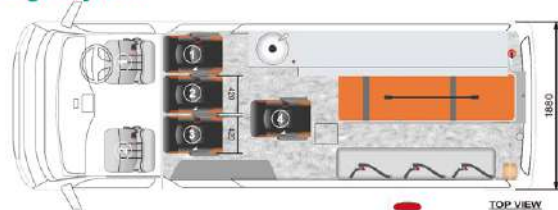
**Shuttle Car
18 Seats Include Driver**



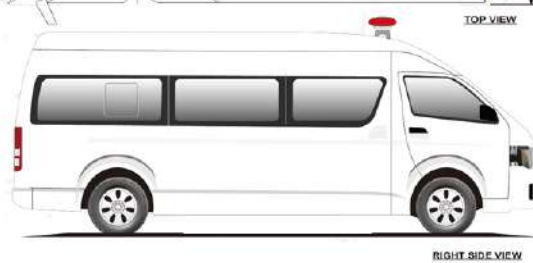
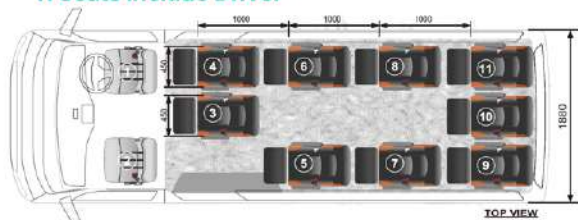
**Shuttle Car
16 Seats Include Driver**



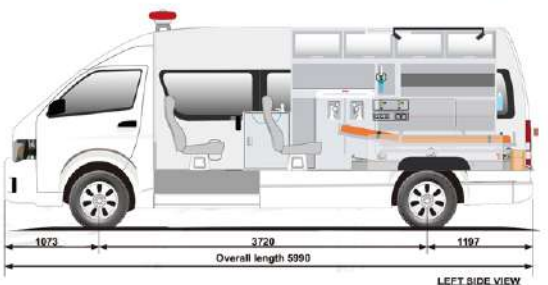
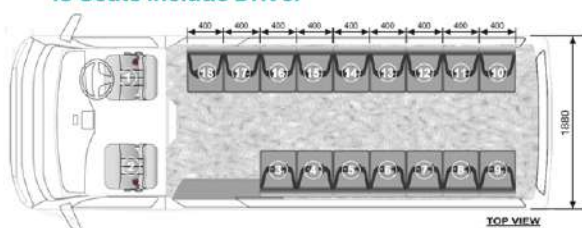
**Service Car
Ambulance / Emergency Unit**



**Shuttle Car
11 Seats Include Driver**



**City Commuter
18 Seats Include Driver**





Front View



Oblique View—Left



Rear View



Oblique View—Right

SPECIFICATION

Dimension (LxWxH)	5950 x 1880 x 2320 mm
Wheelbase	3720 mm
Seats	18 (included driver)
Motor Peak	60/120 kW
Motor Rated	Peak 350 Nm
Range	> 250 km
Curb Weight	2870 kg
GVW Regulated	4145 kg
Power Battery	
Type	LFP EVE
Capacity	86 kWh
Charging	
Type	DC / AC
Port	CCS2 86 kW / Type 2 6,6 kW
Tire	215/75R160 Rim Disc / Disc
Brake system	Hydraulic with Vacuum Booster, ABS + EBD
Suspension	
Front	Double Wishbone
Rear	De Dion Tube Leaf Spring
Steering system	
Accessories	
- Chromed power rear-view mirror - Power driver & co-driver window - Front & rear washer - Remote key, remote control center door lock - Sun visor (with mirror) - Rear reverse sensor with camera - Anti-glare inner rear view mirror - Intermittent front wiper, rear wiper - Tilttable steering wheel - High mount brake lamp	
Exterior	
- Manual sliding door - Fully closed private side window - Chromed grill - UV-locking glasses (driver & co-driver) - Combination lamp - Plain paint (White, Silver, Black)	
Interior	
- Sliding door step - Sliding driver & co-driver seat - PVC floor - Luxury all-in-one PVC roof - Double air purifier - Plasma air cleaner - Dark grey interior - Executive seat with fabric upholstery - Luxury side panel - Spray type roof vents - Android infotainment system with 6 speaker - Glove box between driver & co-driver	
Miscellaneous	
- Rear double seat hanging function - 15 inch Manually foldable LCD - Built-in sliding side window - USB charger (Type A)	



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ELECTRIC FORKLIFT

VKTR

SILENT POWER, MAXIMUM LIFT



INDONESIAN BORN, GLOBAL CONTRIBUTION

Oblique View—Left



Front View



Rear View



Oblique View—Right



a huge global family.



130 countries

Hundreds of overseas 4s stores

19 overseas plants

Exported to South America, Europe, Africa, Asia and other regions and established good cooperation relations



► Our Advantages



Low Operational Cost



Environmental protection & no odor



Gradeability 15% with full load



5 Years or 10,000 hours battery warranty



Protection grade IP 65 & multiple leakage detection



CHARGING TIME
Charging time is about 90-110 minutes.



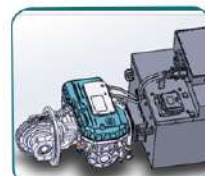
WORKING ENVIRONMENT
working environment temperature: -20-60°C



LIFTING SPEED
The lifting speed is 340mm/s for standard type and 420mm/s for power type



CLIMBING CAPACITY
full load up to 15%



MULTIPLE LEAKAGE MONITORING
BMS, walking motor, pump motor, multiple insulation monitoring system, automotive level insulation design



LOWER MAINTENANCE, HIGHER UPTIME
With fewer moving parts and no engine oil changes, our electric forklift reduces routine maintenance costs keeping your operations running longer and smoother.

► Standard Features

- **Lighting :**
 - Backup Light
 - Head Light
 - Combination Tail Light
 - Turn Signal Light
 - Rotating Beacon
- **Safety :**
 - Buzzer
 - Back-uo Buzzer
 - Drawbar Pin
 - Electric Horn
 - Side Mirror
- **Handle & Protection :**
 - Handle
 - Rain Cover of Overhead
 - Guard
- **Battery & Charger :**
 - Battery Pack
 - Battery Charger
- **Fork & Mast :**
 - Standard Fork
 - WFOV Mast
- **Cabin & Dashboard :**
 - Direction Switch
 - Hour Meter
 - Instrument
 - Key Switch
 - Light Switch
- **Handling :**
 - Full Hydraulic Steering Wheel
 - Rubber Pedal Pad Brake
 - Cable Type Parking Brake
 - Hand Brake Switch
- **Lift Control :**
 - Tilt Adjustable Steering Wheel
 - Lift / Tilt Lever
- **Seat :**
 - Standard Seat
 - Seat Sensor
 - Backrest

► Optional Equipment

- **Cabin & Dashboard :**
 - Direction Switch
 - Hour Meter
 - Instrument
 - Key Switch
 - Light Switch
- **Hydraulic System**
 - 2-Piece Selector Valve
 - Lift Circuit Governor Valve
 - Hydraulic Return Filter Element
 - Hydraulic Suction Filter Element
 - Hydraulic Oil Scale
 - Tilt Circuit Self-Locking Valve
- **Handling :**
 - Full Hydraulic Steering Wheel
 - Rubber Pedal Pad Brake
 - Cable Type Parking Brake
 - Hand Brake Switch
- **Tire & Toolkit :**
 - Durable Rib Tire
 - Toolkit
- Windshield
- 2-3 stage full free mast
- Advanced Seat
- Lengthened forks
- Cab
- Various attachments
- Solid Tire
- Warning light
- User specified color
- Non-marking solid type
- Rear lighting headlamp
- Rear blue light
- Lamp Bracket
- Small Fan
- Load Sensor
- Fork Sensor



He SERIES 2.0-5T A.C. FORKLIFT SPECIFICATION

Model		CPD20He	CPD25He	CPD30He	CPD35He	CPD38He	CPD40He	CPD45He	CPD50He
		Enjoyable Model-115V				Versatility Model-156V			
Features									
Power Type					lithium battery				
Rated Load	kg	2000	2500	3000	3500	3800	4000	4500	5000
Load Center Distance	mm	500	500	500	500	500	500	500	500
Lift Height	mm	3000	3000	3000	3000	3000	3000	3000	3000
Free Lift Height	mm	140	140	155	155	70	80	150	150
Fork Size L x W x T	mm	1070x122x40	1070x122x40	1070x125x45	1070x125x50	1070x125x50	1070x150x50	1070x150x50	1070x150x50
Mast Tilt Angle FR/RR		8/10	8/10	8/10	8/10	8/10	8/10	8/10	8/10
Minimum Turning Radius	mm	2500	2500	2680	2680	2585	2835	3190	3210
Minimum Right Angle									
Stacking Aisle Width	mm	3965	3965	4150	4160	4065	4325	4915	4935
Minimum Right Angle									
Aisle Width	mm	2700	2700	2880	2880	2785	3035	2678	2698
Min Ground Clearance	mm	110	110	130	130	172	212	180	180
Height of Overhead Guard	mm	2060	2060	2090	2090	2105	2140	2280	2280
Height From Seat to									
Overhead Guard	mm	1010	1010	1000	1000	980	945	950	950
Overhang (FR)	mm	465	465	465	485	495	490	547	547
Performance									
Maximum Travel Speed									
Full Load	km/h	15	15	15	15	19	19	18	18
No Load		15	15	15	15	20	20	18	18
Maximum Lift Speed									
Full Load	mm/s	310	310	280	280	380	370	350	330
No Load		380	380	350	350	420	420	420	420
Max Lowering Speed									
Full Load	mm/s	450	450	460	360	500	480	440	450
No Load		500	500	430	330	480	450	430	430
Power									
Overall Length									
without forks	mm	2540	2540	2709	2724	2824	2950	3190	3190
Overall Width	mm	1160	1160	1210	1210	1255	1435	1480	1480
Mast Height at Maximum									
Lift (with backrest)	mm	4030	4030	4260	4260	4260	4260	4270	4270
Standard Gantry Height	mm	1995	1995	2075	2075	2125	2230	2230	2230
Tires Front Wheel		7.00-12-12PR	7.00-12-12PR	28x9-15-15PR	28x9-15-15PR	250-15-16PR	250-15-16PR	300-12-20RP	300-12-20RP
Rear Wheel		6.00-9-10PR	6.00-9-10PR	6.50-10-10PR	6.50-10-10PR	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR
Wheelbase	mm	1665	1665	1760	1760	1900	2000	2000	2000
Tread									
Front Wheel/Rear Wheel	mm	970/970	970/970	1005/984	1005/984	1015/970	1160/1048	1182/1202	1182/1202
Curb Weight	kg	3340	3710	4120	4560	4880	5340	6350	6720
Lithium Battery Voltage	V	115V	115V	115V	115V	156V	156V	156V	156V
Capacity	Ah	125Ah	125Ah	230Ah	230Ah	165 Ah	220Ah	220Ah	220Ah
Motor									
Travelling	KW	15	15	15	15	18	18	20	20
Lifting	KW	15	15	15	15	20	20	20	20
Way of Control	AC	AC	AC	AC	AC	AC	AC	AC	AC
Operating Pressure	Mpa	18.5	18.5	18.5	18.5	18.5	18.5	19.5	19.5
Maximum Drawbar Pull	KN	18	19	18	19	22	22	29	30

PT VKTR Teknologi Mobilitas berhak mengubah konfigurasi produk tanpa pemberitahuan terlebih dahulu. Perubahan pada produk dapat terjadi sejak brosur ini dicetak. Foto produk pada brosur ini dapat berbeda dari produk-produk yang masuk ke Indonesia untuk konfirmasi lebih lanjut, silahkan hubungi saluran resmi VKTR Teknologi Mobilitas Official hotline sales VKTR, sales.admin@vktr.id

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