



HYUNDAI
Commercial Vehicles

EX4/6



FREEZER PANTECH

KEY FEATURES

- Driver's Suspension Seat
- Smart Key Entry with Security System
- Four Wheel Disc Brakes
- Vehicle Dynamic Control (VDC)
- High Power Assist Brake (HAB)
- Easy Hill Start (EHS)
- Cruise Control

KEY SPECIFICATIONS

(EX4) GVM	4,500kg	GCM 8,000kg
(EX6) GVM	6,500kg	GCM 10,000kg
Wheelbase	SWB 2,850mm	MWB 3,400mm
Engine	3.9L, Diesel Turbo Euro 5	
Pantech Size	SWB 3,600L x 2,100W x 1,900H	
	MWB 4,200L x 2,390W x 1,900H	
Max Power	103KW (140HP) / 2,700RPM	
Max Torque	392NM / 1,400 RPM	

No AdBlue Necessary
"READY BUILT, READY TO WORK"

ENGINE & DRIVELINE

● ENGINE EURO 5 COMPLIANT

Engine	4 Cylinder 16 valve SOHC
Displacement	3,933cc
Max Power	103KW (140HP) @ 2,700 RPM
Max Torque	392Nm / 1,400rpm
Turbocharger	Intercooler Turbo Charger
Compression Ratio	17.0 : 1
Bore x Stroke	103mm x 118mm
Injection System	Denso Common Rail System
Emission Control System	Cooled EGR Particulate Matter Catalyst

● PERFORMANCE

PERFORMANCE (Calculated)	STANDARD CAB MEDIUM
Speed at Max. Engine Speed	132KPH
Grade Ability at Rated GVM	53.5%
Grade Ability at Rated GCM	29.7%
Min Turning Cycle (m)	12.6

● TRANSMISSION (MO35S5)

Type	5 speed manual Synchronmesh on gear 1~5												
Gear Ratio	<table border="0"> <tr><td>1st</td><td>5.380</td></tr> <tr><td>2nd</td><td>3.028</td></tr> <tr><td>3rd</td><td>1.700</td></tr> <tr><td>4th</td><td>1.000</td></tr> <tr><td>5th</td><td>0.722</td></tr> <tr><td>Rev</td><td>5.380</td></tr> </table>	1 st	5.380	2 nd	3.028	3 rd	1.700	4 th	1.000	5 th	0.722	Rev	5.380
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PTO Opening	PTO provision on LHS of transmission case												

● AXLES

Front	Type	Reverse Elliot I-Beam
	Capacity	2,760 kg
Rear	Type	Full Floating Type
	Capacity	4,700kg
Final Drive Ratio		4.625 : 1

● SAFETY FEATURES

- Vehicle Dynamic Control (VDC)	- Electronic Stability Control (ESC)
- High Power Assist Brake (HAB)	- Anti-lock Braking System (ABS)
- Easy Hill Start (EHS)	- Traction Control System (TCS)
- Engine Drag Control (EDC)	- Electronic Brake Force Distribution (EBS)
- Dual Airbags	- Daytime Running Lamps

● BRAKES

Disc Diameter	Front	330 mm
	Rear	330 mm
- 4 Wheel Disc with VDC		- Disc Pad Wear Indicator
- Requires 20.7m to a full stop from 60 km/h		
Service Brake		Hydraulic with vacuum servo assistance dual circuit
Exhaust Brake		Vacuum operated, butterfly valve type
Parking Brake		Internal expanding type on propeller shaft at rear of transmission

● ELECTRICAL

Type	24V electrical system
Batteries	2 x MF90AH maintenance free batteries connected in line
Alternator	24V, 55Amp
Starter Capacity	50KW Starter Motor
12V Power Outlet	12V maximum, 36W

● CLUTCH

Type	Hydraulic control, diaphragm spring single dry plate and pre-damper
Disc Diameter	300 mm

● PROPELLER SHAFT (DS300)

TYPE	Tubular, forged steel ends without centre bearing
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● WHEELS AND TYRES

Wheels Type	Single Front, dual rear 17.5 x 5.25, 6 Stud
Tyre Size	205/75R 17.5 Front x 2 205/75R 17.5 Rear x 4
Tyre Rating	Steer 1,450kg x 2 Drive 1,400kg x 4
Spare Wheel Tyre	1 Mounted

CAB & CHASSIS EQUIPMENT

● CAB INTERIOR

Driver's Seat	Ergonomic adjustable suspension seat
Passenger Seats	Two seat capacity, independently adjustable seats with a storage console
Seat Headrest	Height adjustable headrest 's
Steering Wheel	Tilt & telescopic adjustable steering wheel column, audio controls with hands free
Cruise Control	Auto integrated - Steering Wheel Mounted
Interior Finish	Fully cloth, padded roof lining and all weather PVC flooring covering
Air Conditioning	Fully integrated with heater and defrost modes, 4 speed fan
Audio	System supports Bluetooth, USB, CD player, Radio, MP3 and AUX
Windows	Electric operated
Power outlets	1 x 12v, 1 x 24V
Keyless Entry	With control door locking and Anti-theft Smart Key
Interior Lamps	2 x 10Watt & 1 x 30Watt
SIWS	Service Indicator Warning System
Sun Visors	Driver's and passenger's
Grips	Door and side pillar entry assist grips

● CAB EXTERIOR

Cab Mounting	Semi-floating
Windshield	One piece laminated
Windscreen Wipers	Dual electric 3 speed with washer
Side Glass	With inbuilt UV ray protection
Side Mirrors	Heated main vision mirrors
Headlights	Vertical styled with turn signals
Fog Lamps	Projection type with daytime running lights
Reverse Alarm	Standard feature
Reversing Camera	Screen mounted 7" LCD Colour Display

● CHASSIS FRAME

Type	H frame with channel sectional side rail & Cross Members
Side Rail	Reinforced with outer stiffeners. Main section side rail dimensions: 183mm x 60mm x 6.0mm

● SUSPENSION

Front	Type	Semi-elliptic laminated leaf springs
	Size x Leaves	1200 x 70 x 10t-4, 11t-1
	Shock Absorber	Gas filled telescopic type
Rear	Type	Semi-elliptic laminated leaf springs
	Size x Leaves	1250 x 70 x 10t-5, 11t-1
	Rear Spring Helper	990 x 70 x 16t-2

● STEERING

Type	4 spoke ball and nut type with telescopic steering column	
Maximum Angle	Inside Wheel	44.5°
	Outside Wheel	32.0°

● FUEL TANK

Type	Frame mounted steel with a lockable fuel cap
Capacity	100L

● FREEZER UNIT: Thermal Master

Wheelbase	SWB	MWB
Standard Temperature Range	0 to -10°C	0 to -7°C
Premium (Optional) Temperature Range	0 to -17°C	0 to -12°C
Premium Plus (Optional) Temperature Range	n/a	0 to -17°C
Standby Motor (Optional)	Electric with 20 amp Power Cable (Available at additional cost) Recommended	
Defrost	Automatic & manual hot gas defrost	
Condenser	Aluminum fin & Copper tubes	
Evaporator	Aluminum fin & Copper tubes	
Voltage	12 / 24 volts	

