



**HYUNDAI**  
Commercial Vehicles

# EX4/6



# CHILLER 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)

Hill Start Assist Control (HAC)

## KEY SPECIFICATIONS

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

# "READY BUILT, READY TO WORK"

# ENGINE & DRIVELINE

## ● ENGINE EURO 5 COMPLIANT

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

## ● PERFORMANCE

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

## ● TRANSMISSION (MO35S5)

<b>Type</b>	5 speed manual Synchromesh on gear 1~5
<b>Gear Ratio</b>	1 <sup>st</sup> 5.380 2 <sup>nd</sup> 3.028 3 <sup>rd</sup> 1.700 4 <sup>th</sup> 1.000 5 <sup>th</sup> 0.722 Rev 5.380
<b>PTO Opening</b>	PTO provision on LHS of transmission case

## ● AXLES

<b>Front</b>	<b>Type</b>	Reverse Elliot I-Beam
	<b>Capacity</b>	2,760 kg
<b>Rear</b>	<b>Type</b>	Full Floating Type
	<b>Capacity</b>	4,700kg
<b>Final Drive Ratio</b>		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)

## ● BRAKES

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

## ● ELECTRICAL

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

## ● CLUTCH

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

## ● PROPELLER SHAFT (DS300)

<b>TYPE</b>	Tubular, forged steel ends without centre bearing
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## ● WHEELS AND TYRES

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

# CAB & CHASSIS EQUIPMENT

## ● CAB INTERIOR

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

## ● CAB EXTERIOR

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

## ● CHASSIS FRAME

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

## ● SUSPENSION

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

## ● STEERING

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

## ● FUEL TANK

<b>Type</b>	Frame mounted steel with a lockable fuel cap
<b>Capacity</b>	100L

## ● CHILLER UNIT: Thermal Master 2500

<b>Temperature Range</b>	0 - 4°C
<b>Defrost</b>	Automatic & manual hot gas defrost
<b>Compressor</b>	TM 16 or Equivalent
<b>Condenser</b>	Aluminum fin & Copper tubes
<b>Evaporator</b>	Aluminum fin & Copper tubes
<b>Voltage</b>	12 / 24 volts

