

The second evolution of XCIENT

# The smart driving space presented only by XCIENT

A total of about 100 functions including a crash pad with optimally arranged hand-reach switches, audio, multi-display, Bluetooth, hands-free system, cruise switch add comfort to your driving.



1. Multi Display (black color)  
Driving information, fault diagnosis, axle weight (ax sus) and etc.
2. Q800  
iRadio + USB + Aux + CD + iPod + Bluetooth

Passenger Seat  
(Convenience focused seats)

- Belt-in-seat
- Air suspension (option)
- Folding seat (option)



Backward folding - Console function  
Forward folding - Seat cushion



New profile seat (Ergonomic new profile seat)

- Cold / warm air ventilator - Leather covering
- Belt-in-seat - Seat operating on the bed
- Air suspension (Multi function seat)



Wide View Driving Space



T.G.S knob



Marrel Hoist Type Dumping Mechanism



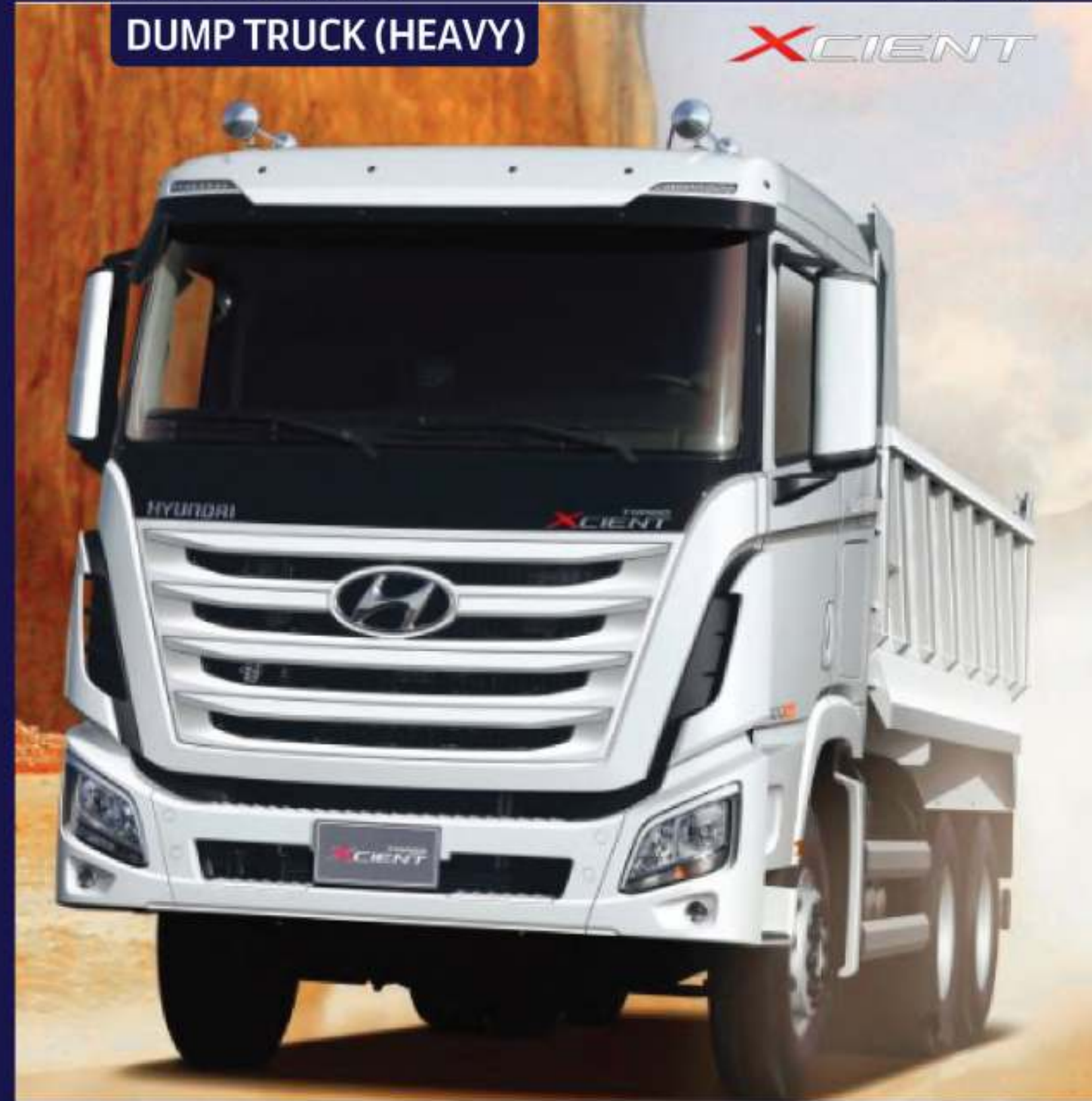
Ion generator  
(Odor removal and sterilization)

**HYUNDAI** NEW THINKING. NEW POSSIBILITIES.



## DUMP TRUCK (HEAVY)

XCIENT



- High efficient dumping mechanism
- Extra rigid dump body

- Wide and durable deck
- Greater loading capacity
- Low Fuel Consumption

Hyundai Motor Company  
231, Yangjae-Dong, Seocho-Gu, Seoul, 137-938, Korea  
<http://www.hyundai-motor.com>  
GEN. RHD 1204 ENG. WD-SW



# HYUNDAI Dump Truck (Heavy)

Powerful Dumping Mechanism and High-Tensile Steel Deck



Model	H380.310	P410.400
Cab Type	Day/ Sleeper	Day/ Sleeper
Drive System	RHD, 6x4	RHD, 6x4
<b>Dimensions (mm)</b>		
Wheel Base	4,590 (3,240 + 1350)	5,650 (4,300 + 1350)
Overall		
	Length	7,480
	Width	2,500
	Height	3,370
Wheel Tread	Front	2,060
	Rear	1,840
Overhang	Front	1,540
	Rear	1,120
Ground Clearance	300	365
Fording Depth	500	700
Min. Turning Radius	m	6.4
Angle of Approach	°	25
Angle of Departure	°	25
<b>Weight (kg)</b>		
Curb Weight	10,910	14,500
Gross Vehicle Weight	32,300	40,000
Pay Load	Kg	21,390
<b>Calculated Performance</b>		
Max. Speed	Km/h	90.9
Max. Greadability	°	30
Max. Slope Climb	%	60
<b>Engine Specifications (Make: Hyundai)</b>		
Model	D6HB38	D6CB41
Type	4 Stroke-cycle, water cooled, direct-injection diesel engine with Turbo Charger Intercooler	
Number of Cylinder	6 cylinder	
Piston Displacement (cc)	9,960	12,344
Bore x Stroke (mm)	122 x 142	130 x 155
Compression Ratio	17:1	
Max. Power (ps/rpm)	Euro III	380/2000
Max. Torque (kg.m/rpm)	Euro III	160/1200
Fuel Injection Pump	Electronic Unit Injector (EUI) system	
Cooling System	Water/Liquid Cool	
Lubrication System	Forced lubrication system by gear pump	
<b>Electrical System</b>		
Battery	12V x 2, 150 AH	
Alternator	24V-70A	24V-90A
Starter	24V-6.0kw	



# HYUNDAI Dump Truck (Heavy)

Powerful Dumping Mechanism and High-Tensile Steel Deck



Model	H380.310	P410.400
Clutch	Hydraulic control with Air pressure assistance, Coil Spring, Single dry plate, Pre-Damper	
<b>Transmission System</b>		
Model	H160S 2x5	ZF16S1830
Make	Hyundai	ZF
Type	Manual	
No. of Gears	10 forward and 2 reverse	16 forward and 2 reverse
Gear Control Mechanism	Floor shift, Mechanical remote control	
<b>Axle</b>		
No. of Axle	Nos	03
Axle Capacity (Front)	Kg	8000
Axle Capacity (Rear)	Kg	13,000 x 2
<b>Tire &amp; Wheel</b>		
Tire size	F/R	12R22.5 - 16PR
Wheel size	F/R	22.5 x 8.25
Steering	2-Spoke, Ball-nut type, Tilt & Telescopic Steering column, Hydraulically assisted power steering	
<b>Brake</b>		
Service Brake	Full Air, Dual circuit fixed S cam with spring loaded chambers	
Parking Brake	Spring loaded type chamber on the front wheel and the 1st/2nd rear wheel	
Auxiliary Brake	Exhaust Brake	
<b>Suspension</b>		
Type	F/R	Semi-elliptic, laminated leaf springs with shackle link (Multi leaf spring)
Fuel Tank	400 liter, Steel	
<b>Dump Body Specifications</b>		
Type	High tension steel, lock rear door with spring sober	
Dump Volume		15m <sup>3</sup>
Dumper Length	mm	4800
Dumper Width	mm	2300
Dumper Height	mm	1365
Thickness of deck plate	mm	5
Thickness of side plate	mm	4
Thickness of front plate	mm	4
Hoist type	Marrel	Telescopic
Tipping angle	52°	



Annotation: In order that product improvement may be introduced at any time, specifications are subject to change without prior notice.