

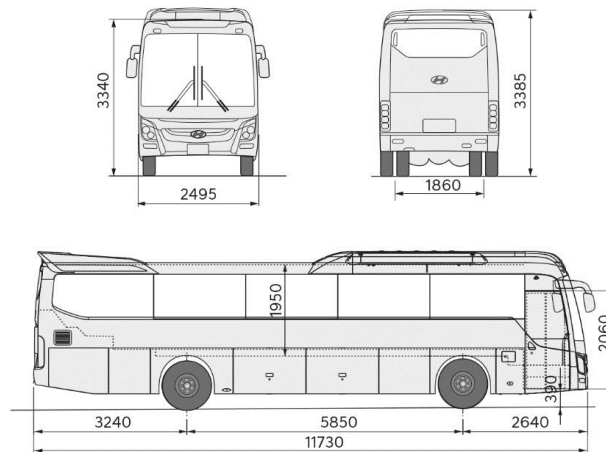


UNIVERSE

SPACE LUXURY
EXPRESS NOBLE
RHD (GENERAL / JAPAN)

UNIVERSE SPACE

HYUNDAI BUS



| | | | | | | |
|------------------------------|----------------------------------|---|--------|---------------------------|--------|--------|
| Drive type | Left Hand Drive, 4 X 2 | | | | | |
| Model | SPACE | | | | | |
| ENGINE | D6ABDD | D6CB38 | D6CC38 | D6CD38 | D6HA3H | |
| Suspension type | Air / Rigid | | | | | |
| Trim | Luxury | | | | | |
| Seat capacity | 28+1 / 41+1 / 43+1 / 45+1 / 49+1 | | | 41+1 / 43+1 / 45+1 / 49+1 | 43+1 | |
| Dimensions (mm) | | | | | | |
| Overall | Lenght | 11,730 | | | | |
| | Width | 2,495 | | | | |
| | Height | 3,340 (Roof spoiler: 3,385) | | | | |
| Wheel Base | 5,850 | | | | | |
| Wheel Tread | Front | ISO Type wheel mounting + Steel wheel: 2,052 ISO Type wheel mounting + Aluminum wheel: 2,073 JIS Type wheel mounting + Steel wheel : 2,056 | | | | |
| | Rear | ISO Type wheel mounting + Steel wheel : 1,826 ISO Type wheel mounting + Aluminum wheel : 1,850 JIS Type wheel mounting + Steel wheel : 1,830 | | | | |
| Overhang (Bumper) | Front | 2,640 | | | | |
| | Rear | 3,240 | | | | |
| Min. Ground Clearance | 200 | | | | | |
| Weight (kg) | | | | | | |
| Seat capacity | 45+1 | 45+1 | 45+1 | 45+1 | 43+1 | |
| Empty Vehicle Weight (Cargo) | | 11,975 | 11,975 | 12,345 | 12,345 | 12,275 |
| | Front | 4,255 | 4,255 | 4,445 | 4,445 | 4,475 |
| | Rear | 7,720 | 7,720 | 7,900 | 7,900 | 7,800 |
| Gross Vehicle Weight * | | 17,500 / 18,500 | 18,500 | | | |
| | Front | 7,000 | 7,000 | | | |
| | Rear | 10,500 / 11,500 | 11,500 | | | |

Max. GVW includes the front & rear axle loads based on the permissible tire load.

| Chassis Specifications | | | | | | |
|-----------------------------|---|--|-----------|-----------|-----------|-----------|
| Engine | | | | | | |
| Engine model | D6ABDD | D6CB38 | D6CC38 | D6CD38 | D6HA3H | |
| Type | Turbo Charger, Intercooler | | | | | |
| | 4 cycle, water-cooled direct-injection diesel | Electronic Diesel, 4 cycle, water-cooled direct-injection diesel | | | | |
| Number of Cylinder | 6 in-line | | | | | |
| Piston Displacement (cc) | 11,149 | 12,344 | 12,344 | 12,742 | 9,960 | |
| Max. Power** (ps/rpm) | Euro I | 300/2,200 | - | - | - | - |
| | Euro II | - | - | - | - | - |
| | Euro III | - | 380/1,900 | - | - | - |
| | Euro IV | - | - | 380/1,900 | - | 380/2,000 |
| | Euro V | - | - | - | 380/1,900 | - |
| Max. Torque** (kg.m/rpm) | Euro I | 110/1,400 | - | - | - | - |
| | Euro II | - | - | - | - | - |
| | Euro III | - | 148/1,200 | - | - | - |
| | Euro IV | - | - | 148/1,200 | - | 173/1,200 |
| | Euro V | - | - | - | 160/1,200 | - |
| Electrical System | Battery | 24V-200AH | | | | |
| | Alternator | 24V-150A (OPT:24V-180A) | 24V-180A | | | |

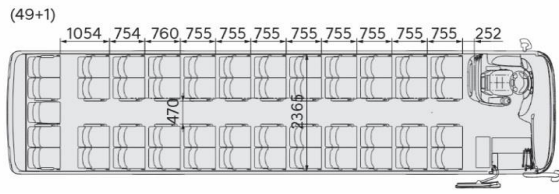
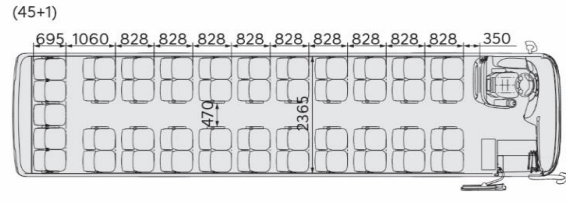
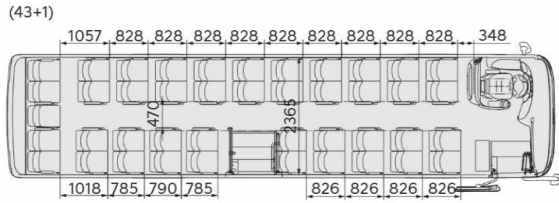
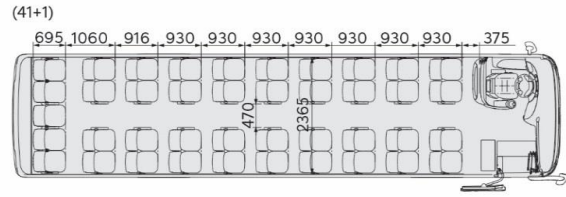
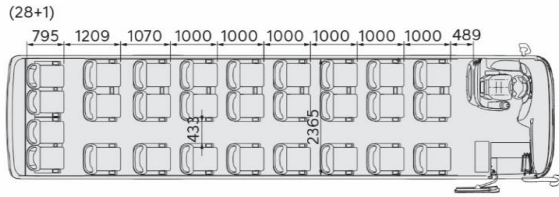
Max. power and torque of engine specifications may vary according to each country.

HYUNDAI BUS_UNIVERSE

| Transmission | | |
|----------------|--|----------------------------|
| Type | 5 forward & 1 reverse | 12 forward & 1 reverse |
| Tire & Wheel | | |
| Type | Single Front, Dual Rear | |
| Tire | Front / Rear | 11R22.5-16PR, 295/80R-22.5 |
| Steering | | |
| Type | Ball-nut type with integral hydraulic power booster, Tilt & Telescopic | |
| Service Brake | | |
| Type | Full air, dual circuit, fixed "S" cam with spring loaded chambers | |
| Suspension | | |
| Type | Air suspension (Rolling lobe type) | |
| Shock absorber | Hydraulic double acting telescopic type on the front & rear axles | |
| Fuel tank | | |
| Capacity | 310/420 liter (Gangway floor), 350 liter (Flat floor) | |
| Material | Steel | |
| Frame | | |
| Type | Monocoque | |

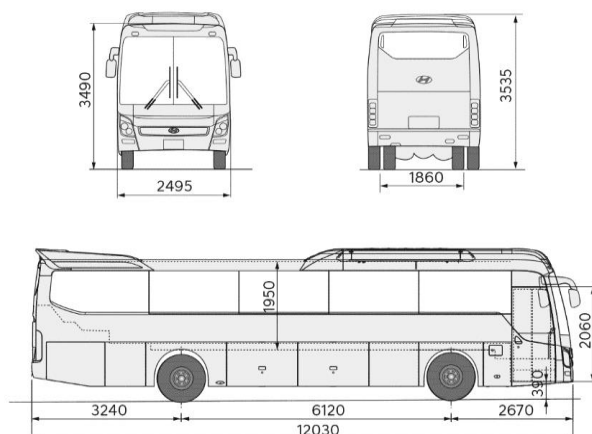
Seat Layout

Space Luxury



UNIVERSE EXPRESS

HYUNDAI BUS

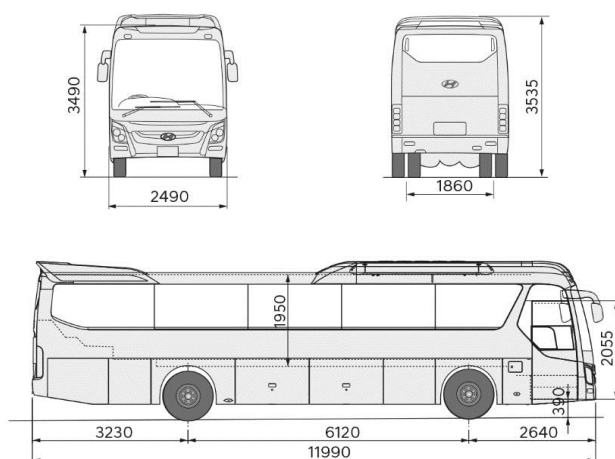


| | | | | | | |
|------------------------------|----------------------------------|--|--------|--------|--------|--------|
| Drive type | Left Hand Drive, 4 X 2 | | | | | |
| Model | EXPRESS | | | | | |
| Engine | D6AC | D6CB38 | D6CB41 | D6HA3H | D6CC38 | D6CD38 |
| suspension type | Air / Rigid | | | | | |
| Trim | Noble | | | | | |
| seat capacity | 28+1 / 41+1 / 43+1 / 45+1 / 49+1 | | | 43+1 | | |
| Dimensions (mm) | | | | | | |
| Overall | Lenght | 12,030 | | | | |
| | Width | 2,495 | | | | |
| | Height | 3,490 (Roof spoiler:3,535) | | | | |
| Wheel Base | 6,120 | | | | | |
| Wheel Tread | Front | ISO Type wheel mounting + Steel wheel: 2,052 ISO Type wheel mounting + Aluminum wheel: 2,076 JIS Type wheel mounting + Steel wheel: 2,056 | | | | |
| | Rear | ISO Type wheel mounting + Steel wheel : 1,826 ISO Type wheel mounting + Aluminum wheel : 1,850 JIS Type wheel mounting + Steel wheel : 1,830 | | | | |
| Overhang (Bumper) | Front | 2,670 | | | | |
| | Rear | 3,240 | | | | |
| Min. Ground Clearance | 200 | | | | | |
| Weight (kg) | | | | | | |
| Seat capacity | 45+1 | | 43+1 | | | |
| Empty Vehicle Weight (Cargo) | 12,320 | | 12,680 | 12,725 | | |
| | Front | 4,555 | 4,900 | 4,850 | | |
| | Rear | 7,765 | 7,780 | 7,875 | | |
| Gross Vehicle Weight * | 18,500 | | 18,500 | 18,500 | | |
| | Front | 7,000 | 7,000 | 7,000 | | |
| | Rear | 11,500 | 11,500 | 11,500 | | |

* Max. GVW includes the front & rear axle loads based on the permissible tire load.

UNIVERSE RHD(General, Japan)

HYUNDAI BUS



| | | | |
|------------------------------|------------------------|--|---|
| Drive type | Right Hand Drive,4 X 2 | | |
| Model | GENERAL | | JAPAN |
| ENGINE | D6CB38 | D6CB41 | D6HC43 |
| Suspension type | Air / Rigid | | |
| Trim | Noble | | |
| Seat capacity | 45+1 | 45+1 / 49+1 | 27+1 / 30+1 / 40+1 / 45+1 / 49+1 / 53+1 / 52+1 / 54+1 / 55+1 / 56+1 |
| Dimensions (mm) | | | |
| Overall | Lenght | 11,990 | |
| | Width | 2,490 | |
| | Height | 3,490 (Roof spoiler:3,535) | |
| Wheel Base | 6,120 | | |
| Wheel Tread | Front | ISO Type wheel mounting + Steel wheel : 2,052 ISO Type wheel mounting + Aluminum wheel : 2,076 JIS Type wheel mounting + Steel wheel : 2,056 | |
| | Rear | ISO Type wheel mounting + Steel wheel : 1,826 ISO Type wheel mounting + Aluminum wheel : 1,850 JIS Type wheel mounting + Steel wheel : 1,830 | |
| Overhang (Bumper) | Front | 2,640 | |
| | Rear | 3,230 | |
| Min. Ground Clearance | 200 | | |
| Weight (kg) | | | |
| Seat capacity | 45+1 | | |
| Empty Vehicle Weight (Cargo) | 13,020 | | |
| | Front | 4,850 | |
| | Rear | 8,170 | |
| Gross Vehicle Weight * | 18,500 | | |
| | Front | 7,000 | |
| | Rear | 11,500 | |

* Max. GVW includes the front & rear axle loads based on the permissible tire load.

| Chassis Specifications | | | | | | | |
|------------------------------|---|--|-----------|-----------|----------|----------|----------|
| Engine | | | | | | | |
| Engine model | D6AC | D6CB38 | D6CB41 | D6HA3H | D6CC38 | D6CD38 | D6HC43 |
| Type | Turbo Charger, Intercooler | | | | | | |
| | 4 cycle, water-cooled direct-injection diesel | Electronic Diesel, 4 cycle, water-cooled direct-injection diesel | | | | | |
| Number of Cylinder | 6 in-line | | | | | | |
| Piston Displacement (cc) | 11,149 | 12,344 | 12,344 | 9,960 | 12,344 | 12,742 | 9,960 |
| Max. Power** (ps/rpm) | Euro I | 340/2,200 | | | | | - |
| | Euro II | - | | | | | - |
| | Euro III | - | 380/1,900 | 410/1,900 | | | - |
| | Euro IV | - | | | 380/1900 | 380/1900 | - |
| | Euro V | - | | | | | 380/1900 |
| | PPNLT (Japan) | - | | | | | |
| Max. Torque ** (kg.m/rpm) | Euro I | 140/1,400 | | | | | - |
| | Euro II | - | | | | | - |
| | Euro III | - | 148/1,200 | 173/1,200 | | | - |
| | Euro IV | - | | | 173/1200 | 148/1200 | - |
| | Euro V | - | | | | | 160/1200 |
| | PPNLT (Japan) | - | | | | | |
| Electrical System | Battery | 24V-200AH | | | | | |
| | Alternator | 24V-150A (OPT:24V-180A) | 24V-180A | | | | |

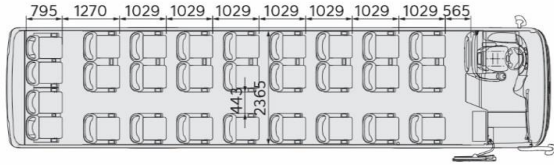
HYUNDAI BUS_UNIVERSE

| Transmission | | | | | |
|----------------|--|----------------------------|--|--------------------------|--------------------------|
| Engine | GENERAL | | | | JAPAN |
| Type | 5 forward & 1 reverse | 6 forward & 1 reverse | | 5 forward & 1 reverse | 6 forward & 1 reverse |
| Tire & Wheel | | | | | |
| Type | Single Front, Dual Rear | | | | |
| Tire | Front / Rear | 11R22.5-16PR, 295/80R-22.5 | | | |
| Steering | | | | | |
| Type | Ball-nut type with integral hydraulic power booster, Tilt & Telescopic | | | | |
| Service Brake | | | | | |
| Type | Full air, dual circuit, fixed "S" cam with spring loaded chambers | | | | |
| Suspension | | | | | |
| Type | Air suspension (Rolling lobe type) | | | | |
| Shock absorber | Hydraulic double acting telescopic type on the front & rear axles | | | | |
| Fuel tank | | | | | |
| Capacity | 420 liter | | | | |
| Material | Steel | | | | |
| Frame | | | | | |
| Type | Monocoque | | | | |

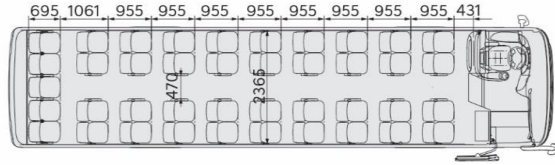
Seat Layout

Express Noble

(28+1)



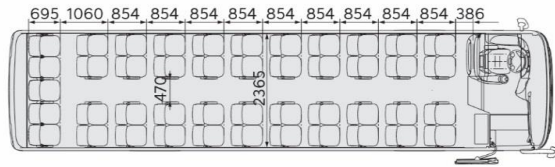
(41+1)



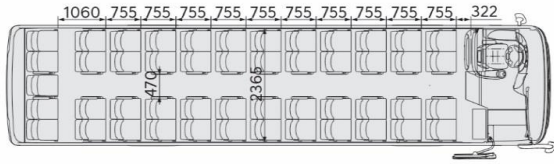
(43+1)



(45+1)



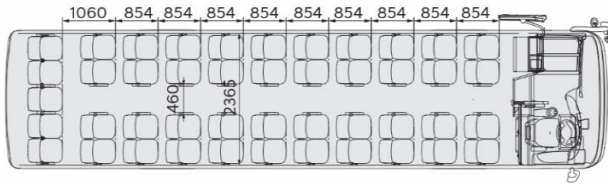
(49+1)



Seat Layout

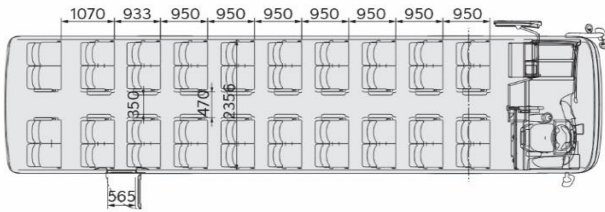
Express Noble RHD (General)

RHD 45+1

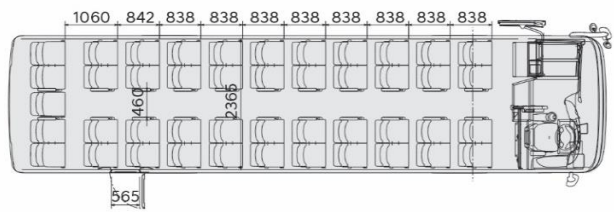


Express Noble RHD (Japan)

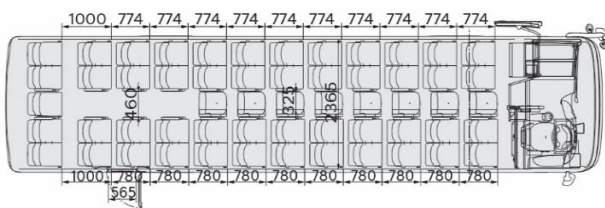
RHD 40+1



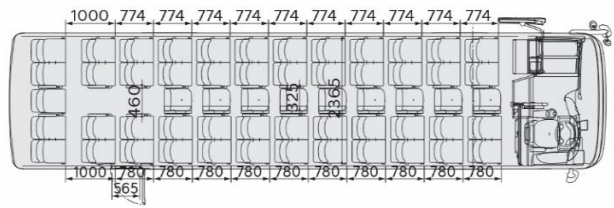
RHD 45+1



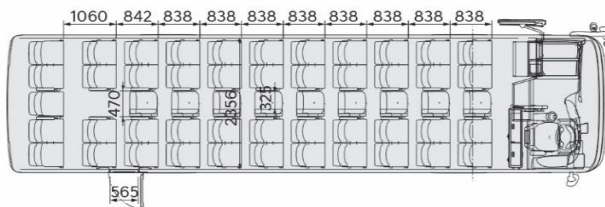
RHD 49+8



RHD 49+9



RHD 54+1



RHD 55+1

