

SPECIFICATION SHEET FOR VIVIAIR² Airport Buses



DRIVELINE

ENGINE TYPE 1: MAN D0836 LOH41 EURO III
 RATING: 176 kW (240 HP) @ 2.400 min-1
 TORQUE: 925 Nm @ 1.200-1.800 min-1
 3 X three-phase alternator 28V/(110A/120A)
 ENGINE TYPE 2: MAN D0836 LOH64 EURO V
 RATING: 184 kW (250 HP) @ 2.300 min-1
 TORQUE: 1000 Nm @ 1.200-1.700 min-1

TANK VOLUME

190 Ltrs.

EXHAUST SYSTEM

Reversible exhaust routing to the left or to the right
 Depending on the passenger door opening

GEARBOX

Automatic gearbox VOITH DIWA 851.3E

AXLES

Front Axle, planetary rigid, driven & steered
 Independent rear axle with wheel head
 8 air (4 front /4 rear) bellow suspension w. kneeling system
 Lowering system on front and rear axle to the right and the left, disengageable

BRAKES

Dual-circuit brake system, service brake, security brake, parking brake, ECE conform

TECHNICAL DATA ALL MODELS

	60S	72M	84L	88W	104WL
Overall Length (OL)	11.946	13.283	14.720	13.283	14.720
Overall Width (OW)	2.750	2.750	2.750	3.170	3.170
Height with A/C (OH)	3.100	3.100	3.100	3.100	3.100
Front overhang (FO)	3.270	3.270	3.270	3.270	3.270
Wheel base (WB)	5.436	6.773	8.210	6.773	8.210
Rear overhang (RO)	3.240	3.240	3.240	3.240	3.240
Wheel track, front (FT)	2.156	2.156	2.156	2.156	2.156
Wheel track, rear (RT)	2.204	2.204	2.204	2.538	2.538
Angle of approach (°)	4	4	4	4	4
Angle of departure(°)	4	4	4	4	4
Turning radius (m)	11.420	11.330	15.350	13.520	15.520
Net weight (t)	11.600	12.200	13.000	13.000	13.450
Tire sizes	315/80 R22.5	385/65 R22.5	385/65 R22.5	385/65 R22.5	425/65 R22.5

PASSENGER CAPACITY ALL MODELS

	60S	72M	84L	88W	104WL
Passenger capacity	50	72	84	88	104
(acc. to different standards)	88	98	116	120	144
Standing height, inside (mm)	2.380	2.380	2.380	2.380	2.380
Floor height (mm)	350	350	350	350	350
With kneeling (mm)	280	280	280	280	280
Seating	5 + 8	5 + 8	5 + 8	6 + 8	6 + 8

WHEELS / TYRES

| Four wheels, size 13.00X22.5 ET 120 | Four tyres, sizes in table on first page

ELECTRIC SYSTEM

| 24V , 2X low maintenance batteries 12V/225Ah, alternators 3x 110/120A | Main switch, melting fuses | Mechanical battery isolator switch

AIR-CONDITIONING

| 4 kW cooling capacity | Separate A/C and fan for driver cabin

DASHBOARD

| Electronic speedometer, multi-function stalk switch | Central monitoring lamps, gauges for brake system, reservoir pressure, fuel reserves, coolant temperature and oil pressure. Radio, inter phone loud speaker sys. | Switches for passenger door activating (single and in groups)

CB RADIO

| Provision for CB-radio-system (wiring)

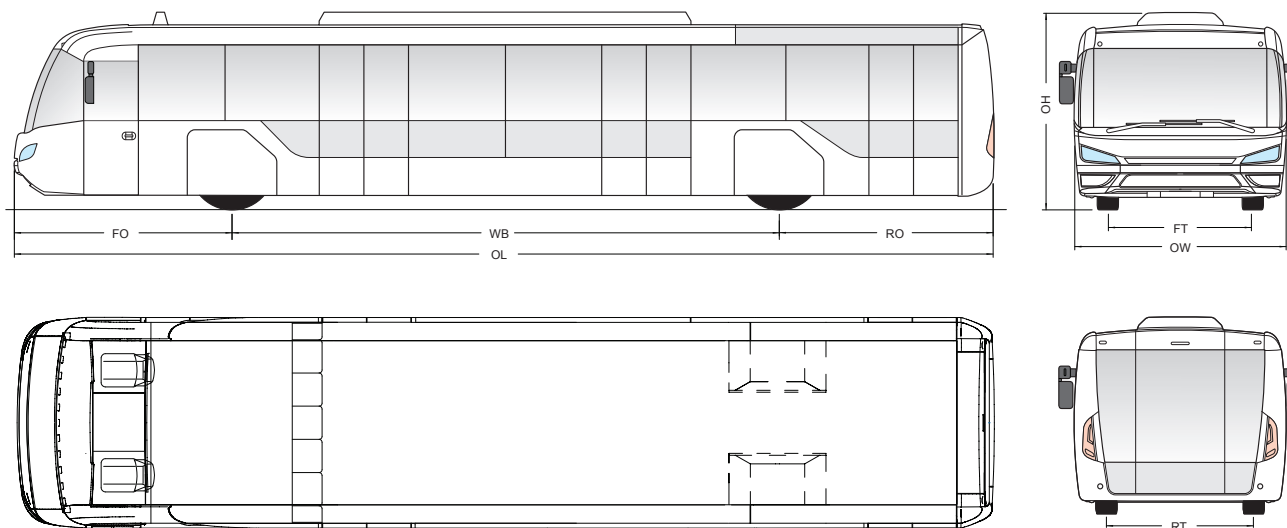
HEATING

| Heating in driver's cabin and passenger compartment controlled by adjustable thermostat valve

VENTILATION

| 4 double-radial blowers (8.000 m³/hour)

DIMENSIONS FOR VIVAIR



FLOOR COVERING

| Grey synthetic covering (non-slip), yellow or blue at doors areas

MIRRORS

| 2 wing mirrors, electrically adjustable and heated | 1 mirror for interior observation, Inside or outside cameras optionally

DRIVERS CABIN DOORS

| Driver's and co-driver's door with electric sliding windows

PASSENGER DOORS

| Pneumatically operated (2 or 3 pairs on each side) | Door width: 1.350 mm, Door height: 2.157 mm | Emergency openings on each door inside passenger compartment | Outside emergency opening mechanism on each side of the vehicle | Op-tional rear door