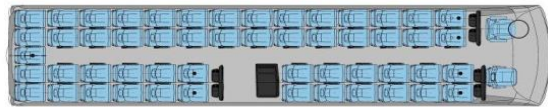


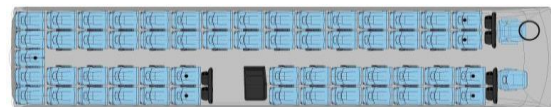


# MAGELYS PRO

## PRO Version - 12,2 m / 12,8 m Coach - Cursor 9 Diesel and Paraffinic Fuel EURO VI



Layout 12.2 m 53 seats +1+1+ WC  
Seats 28 to 55\* with or w/o wheelchair area



Layout 12.8 m 57 seats +1+1+ WC  
Seats 28 to 59\* with or w/o wheelchair area

\*Maximum passengers capacity (depends on permitted weights according to local legislation)

Length	12200 mm	12765 mm
Width	2550 mm	
Height	3620 mm	
Wheelbase	6321 mm	6886 mm
Front / Rear Overhang	2619 / 3260 mm	
Front / Rear Tread (steel rim)	2014 / 1817 mm	
Inner / Floor height	2100 / 1380 mm	
Wall-to-wall turning radius	10771 mm	11493 mm
Kerb-to-kerb turning radius	8982 mm	9704 mm
Approach / Departure angles	7°	
GVW (max legally permitted weight depends on local legislation)	18000 / 19000 kg	
Max. Front axle load	7100 kg	
Max. Rear axle load technically admitted	12600 kg	
Volume of inner luggage racks	1.25 m <sup>3</sup>	1.31 m <sup>3</sup>
Volume luggage w/o toilets	10.5 m <sup>3</sup>	11.8 m <sup>3</sup>
Volume luggage with toilets	9.6 m <sup>3</sup>	10.9 m <sup>3</sup>

### CURSOR 9 EURO VI

Power @ 1600 rpm	294 kW (400 hp)
Torque	1700 Nm @1250 rpm
Displacement	8,7 litres
6 cylinders in line, vertical transverse at the rear, Common Rail	



# MAGELYS - PRO Version - 12,2 m / 12,8 m Coach - Cursor 9 Diesel EURO VI

## BODY AND EXTERIOR EQUIPMENT

- Roof panel in sheet metals; front and rear face in polyester
- Side panels in sheet aluminum and polyester
- Front and middle door with one wing outwards opening
- Rear view mirrors with electric defrosting
- Anti-corrosion treatment by cathoretic immersion
- Luggage compartment doors on hinge

## INTERIOR EQUIPMENT

- Passenger seats medium range type: SPACIO SEAT
- Front and middle steps moulded of plastic with anti-slip coverings
- Removable carpet on the entrance steps & driver platform
- Separation moulded
- Curtains preparation
- Side panels trimming and Luggage rack lining
- Digital clock
- Refrigerator integrated in the dashboard (75cans of 33cl)

## AUDIO/VIDEO

- Professional Line 3 radio

## ELECTRICAL EQUIPMENT

- Accumulators batteries 230 A/h
- Alternators 140A + 140A
- Protection by fuses
- Halogen lighting
- Front fog lights
- LED D.R.L., sidemarkers, rear lighting block
- LED lighting of driver area and door accesses
- Passenger compartment lighting with LED continuous lighting

## WINDOWS/ THERMAL COMFORT

- Tinted side windows ( double glazing ) as well as rear window
- 2 glazed venting openings in the roof
- Fully integrated HVAC with 4 evaporators units
- 30kW independent heating programmable
- Convecteur heating

## DRIVER EQUIPMENT

- Driver seat with adjustable inclination of the backrest, microphone and heating
- Driver's side console (with mechanical gearbox)
- Board computer (controlled from the steering wheel)
- Electric Driver's window
- Driver front electric sun-visor
- Digital tachograph

### Optional:

- Painting and adhesive customization
- Luggage compartment doors at pantograph

### Optional:

- Drinks dispenser
- Vacuum cleaner integrated
- Pleated / unpleated curtains
- Water or chemical toilet with flush system
- Digital clock / temperature display
- "Luxury" or basic removable carpet
- Disable lift

### Optional:

- 2/3 motorized LCD 19" 16/9 video screens
- Hostess microphone

### Optional:

- Front fog lights, with cornering light function
- Xenon lighting
- Emergency signal in connection with door opening
- USB, 12 V or 24 V plug / Ethylometer
- Protection by circuit breakers
- Interface FMS(fleet management system)
- Central locking with remote control

### Optional:

- Cameras : Hostess / Road / Middle door
- Driver's side console (with ZF 12 AS 2001)
- Hostess seat & compartment in the luggage rack
- Driver's seat armrest
- Driver berth
- GPS navigation
- Reversing camera

## ENGINE

- IVECO CURSOR 9 with Hi-SCR after treatment system
  - Diesel Oxydation Catalyst and Diesel Particulate Filter
  - Selective Catalytic Reduction of NOx with urea
  - Clean Up Catalyst
- Double cartridge fuel filter. Fuel pre-filter with water separator
- Large capacity air filter with blockage warning

## GEARBOX

- Mechanic gearbox ZF 6S 1911 (intarder retarder)
- Exterior warning buzzer with the shift of reverse speed

## REAR AXLE

- Rear axle UI7X MERITOR ( MICHELIN tyres )
- Standard axle ratio 4,11
- (\*) with speed limiter at 100 km/h due to European legislation

## FRONT AXLE/ STEERING

- Independent wheel front axle
- Worm-type steering ZF type 8098 with integrated power steering

## SUSPENSION

- Fully pneumatic with set up control
- In the front: 2 bellows / 2 shock absorbers / 1 anti-roll bar
- In the rear: 4 bellows / 4 shock absorbers / 4 retaining drawbars / 1 anti-roll bar

## COMPRESSED AIR

- Dual cylinder air compressor 630 cm3 "ENERGY SAVING"
- Air dryer & oil capture
- Manual bleeding valves on the air tanks, inflation taps

## SAFETY

- AEBS / LDWS
- Service brakes with pneumatic control, disk brakes in the front&rear
- Parking brake: 2 spring cylinders
- ESP, EBS, ABS. with ASR

## RETARDER

- Intarder with mechanical gearbox

## FUEL TANK AND UREA TANK

- 420 l diesel tank and 80 l urea tank

### Optional

- Gearbox robotized Traxon ZF
- Reversing sensor

Engine	CURSOR 9 (400 Hp)	
Ratio (ZF)	ZF 6S 1911	ZF Traxon
4.11	129 km/h*	n/a
3.70	143 km/h*	143 km/h*
3.36	157 km/h*	157 km/h*

### Optional

- Front / rear equipment to increase/decrease the suspension height

### Optional

- ACC

### Optional

- 420 l + 60l Webasto
- 480 l diesel tank
- 640 l diesel tank

### Optional

- Aluminum rims

## TYRES AND WHEELS

- Tyres 295/80 R22.5