

MVR16
IVECO EUROCARGO
160E22 MY24

Data sheet

16MC rear-loading truck compactor with container
lift-up device



MVR16



Features Chassis cab:

Model: IVECO EURO CARGO 160E22 MY24; MTT:

16000 Kg;

No. 2 axles: 4x2 configuration, twin-wheel rear drive axle, single-wheel front directional axle;

Engine: 4-stroke Diesel cycle supercharged Euro 6E class, displacement 6.7L power Max 220hp (162 KW) at 2500 rpm, torque Max 800 Nm at 1250 rpm;

Transmission: Manual six-speed plus reverse;

Suspension: Front with independent structure, rear with leaf springs reinforced with rubber end-pads and shock absorbers;

Braking System: Front/Rear 377mm diameter disc. Hydraulic actuation with vacuum servo-stance. Full disc brakes with floating calipers with automatic wear adjustment. Mechanically controlled parking brake;

Tires: Front 285/70 R19.5, Rear 285/70 R19.5 twin; Diesel tank capacity: 120

liters;

Urea tank capacity: 30 liters;

Cab: White Color. semi-advance type with 3 seats, 3-degree-of-freedom driver's seat, fixed two-seat front passenger bench. Left-hand drive. Fabric-covered seats with headrests and seat belts. Body rust protection by cathodolysis and galvanized sheets. Cab doors with athermal and tinted glass, power windows. Manual exterior mirrors;

Electrical system: 24V.

MVR16



Features Setup:

- Fully sealed ca. 16MC box with 1.5MC loading mouth;
- PLC-controlled compaction system.
- The compaction system is of the articulated single-blade type which acts on the ejector plate made of metal carpentry, appropriately sized to support all the stresses that occur during the compaction and unloading phases.
- Movement of shovel and carriage is transmitted by 4 hydraulic, double-acting cylinders. Time required to perform a compaction cycle 30 seconds.
- R.S.U. loading hopper made of wear-resistant HARDOX 400 steel.
- The hopper is equipped with a collapsible tailgate to facilitate the unloading of satellite vehicles within the hopper or any manual loading of waste by the operator.
- Loading hood constrained to the caisson with double upper hinge system and four lower hooks. The caisson is equipped with a 2" slurry discharge valve.
- All welds are made in a workmanlike manner so as to ensure perfect watertightness and in compliance with regulations.
- The caisson is equipped with 2 front access windows for maintenance and washing.
- Pair of approved rear footrests with padded impact cushion to protect operators.
- The bin vault system can be equipped for the following models of bins: 1100 liters with DIN 30700 attachment; 1300 - 1700 - 2000 liters with DIN 30700 attachment; 1300 - 1700 liters with Bologna attachment; 660 - 770 - 1100 liters with Europa/Bolzano attachment; 120 - 240 - 360 liters bins with comb attachment and 1100 liters with rack attachment.
- Control panel with automatic/manual/economic cycle.
- Repeat rear lights + night work light.
- Compaction block sensor with platform operator, opening rear tailboard.
- Documents: mctc approval certificate + "CE" compliance.
- Warranty 24 months equipment-automobile chassis as per manufacturer.
- Eco service also provides after-sales service with fast and qualified 24-hour assistance.
- Accessories present: Lid-opener bar, night-work beacon, approved flashing beacon, ejection bulkhead, operator platform, side doors, front doors for maintenance and washing, emergency stop button, compaction shovel block sensor, operator platform block sensor, bin turner system, rear camera, slurry discharge valve

MVR16

Dimensions Outfitting:

• <u>Pitch</u>	<u>4,185 mm</u>
• <u>Outer Length</u>	<u>6,955 mm</u>
• <u>Outer width</u>	<u>2,390 mm</u>
• <u>External Height</u>	<u>2,874 mm</u>
• <u>Hollow Frame Height</u>	<u>1,146 mm</u>
• <u>Load threshold</u>	<u>1400 mm</u>
• <u>Min height from ground</u>	<u>249 mm</u>
• <u>Rear overhang</u>	<u>1,313 mm</u>
• <u>Front track width</u>	<u>2,006 mm</u>
• <u>Rear track width1</u>	<u>,818 mm</u>
• <u>Carriageable MAX length</u>	<u>5,580 mm</u>
• <u>Carriageable MAX width</u>	<u>2,550 mm</u>