

URBAN STYLE



ZENIT



COMPANY WITH
MANAGEMENT SYSTEM
CERTIFIED BY DNV GL
= ISO 9001 =
= ISO 14001 =
= OHSAS 18001 =



ZENIT

The ZENIT M1 - M2 - M3 range of attachment supplied by TECNOINDUSTRIE MERLO S.p.A. comprises rear load mini-compactors with hood, unloading by means of an expulsion bulkhead, fitted with an articulated single-blade compaction system with a rotary blade and a slide running on straight guideways. The rear part of the attachment, on the tip-up hatch, is where the bin pick-up, lifting and emptying system can be mounted in a central position (Optional).

The attachment is compliant with Machinery Directive 2006/42/CE and is certified by an independent

| CHARACTERISTICS AND STANDARD EQUIP- | M1 | | M2 | | M3 |
|--|---------------------------------------|----------|----------|----------|-----------------|
| | ZENIT 14 | ZENIT 16 | ZENIT 23 | ZENIT 25 | ZENIT 30 |
| Dump body volume (m3) | 14 | 16 | 23 | 25 | 30 |
| Volume of loading mouth (m3) | 1.7 | 1.7 | 2,6 | 2,6 | 3.5 |
| Internal load mouth width (mm) | 2200 | 2200 | 2200 | 2200 | 2200 |
| Total mass on ground (kg) | 15,000 - 18,000 | | 26,000 | 26,000 | 26,000 - 40,000 |
| Chassis axles (n.) | 2 | 2 | 3 | 3 | 4 |
| Compaction system | Articulated single loader blade | | | | |
| Compaction cycle | Automatic / Continuous / Synchronised | | | | |
| Filling speed (m3/min) | 4.5 | 4.5 | 5.5 | 5.5 | 7.5 |
| Compaction ratio selection | Electronic from cab | | | | |
| Adjustable compaction ratio | From 2:1 to 6:1 | | | | |
| Discharge system | Expulsion bulkhead | | | | |
| Merlin command and control system | ● | ● | ● | ● | ● |
| Bin turn device with Shaker function | ○ | ○ | ○ | ○ | ○ |
| Bucket turn device with hydraulic stabilisers | ○ | ○ | ○ | ○ | ○ |
| Acceptance of waste from satellite vehicles | ● | ● | ● | ● | ● |
| Rear infra-red camera with colour monitor in the cab | ● | ● | ● | ● | ● |
| Camera for observation inside hopper | ○ | ○ | ○ | ○ | ○ |
| Rear white LED beacon | ● | ● | ● | ● | ● |
| Flashing yellow LED beacons | ● | ● | ● | ● | ● |
| Rear platform for operators | ○ | ○ | ○ | ○ | ○ |
| Blade and brush holder | ● | ● | ● | ● | ● |
| Load weighing device | ○ | ○ | ○ | ○ | ○ |
| Bin identification system | ○ | ○ | ○ | ○ | ○ |

● as standard ○ on request

Compaction cycle with articulated single blade

The compaction system has a hydraulically operated articulated single blade which is moved to collect and compress waste. The high cycle speeds ensure that large amounts of material can be handled even when arriving continuously from bin turn and bucket turn devices or satellite vehicles. A sturdy tip-up tailgate can be lowered to facilitate manual loading. Types of waste may include dry, paper, cardboard, plastic, glass, tins, organic and vegetal materials. The system can operate in manual (for independent control of every movement), continuous automatic, single cycle automatic and synchronised modes (the cycle is activated by the bin turn device).

