

ECOPRESS Mobile Compactors

EMC12 - 26 BIO



EMC BIO compactor is created to reduce organic and wet waste of the smaller size. Due to specially designed compaction plate and pendulum movement this machine is highly effective in pressing of materials and separating liquid out of rest fraction by filter wall and valve to provide maximum transport capacity 26m³ relating to a limited length of hook lift collection vehicles. It is suitable for operation in all weather conditions at temperatures from -50C to +50C with low noise level. The compaction system is managed by pressure sensors without any mechanical sensors to avoid possible malfunction during operation. Machine is equipped with protective sensors for oil level and overheating. Build in telemetry module supports online connection 24/7 and signals by email and SMS as well as re-program or service requirement notice.

ECOPRESS compactors are available in various different models of loading options, connection to object by stationary hopper, side or front mounted Wheelie Bin Tippers with or without automatic lid opener, front or side hinged backdoor and double end lift up option.

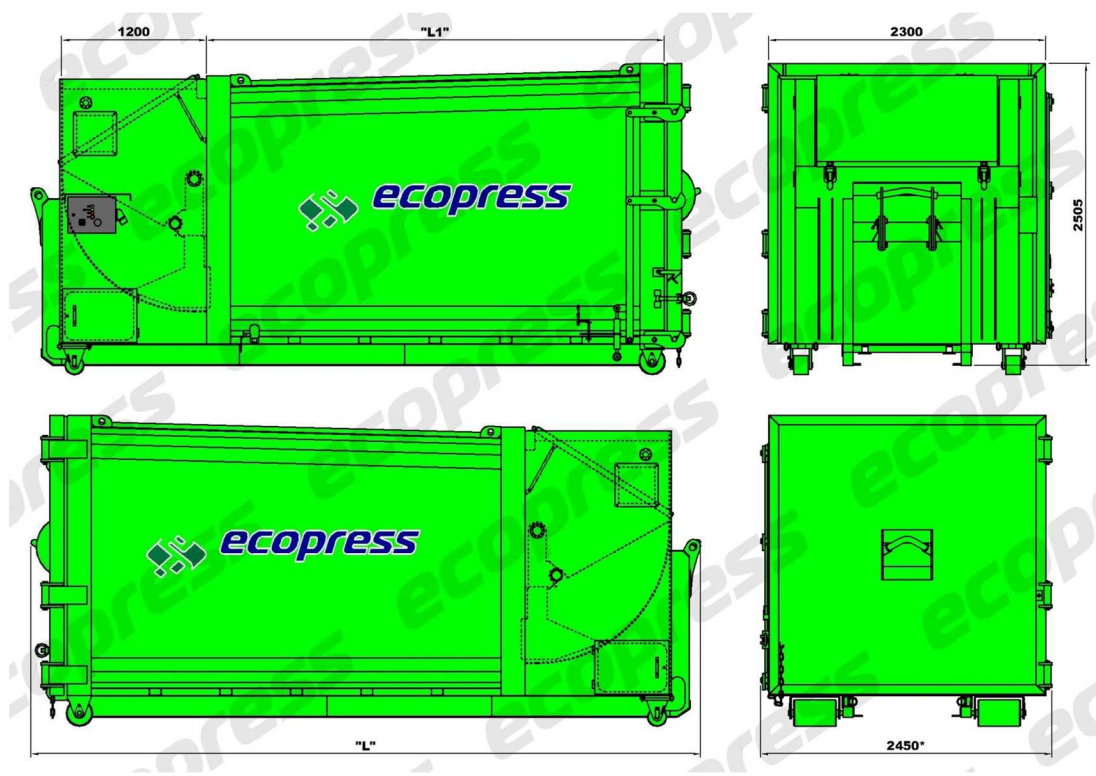
ECOPRESS compactors conform to Health & Safety and CE requirements of EU Directives 2006/42/EC, 89/392EEC, 91/368EEC, 93/44EEC, 93/68EEC on the safety of machinery and equipment and German accident prevention regulations.

TECHNICAL INFORMATION:

Pressing force, tons	28,2
Pressure, bar	210
Electric motor, kW	5,5
Operating Voltage	230V/400V/32A
Press plate size, L x W, mm	1500 x 500
Loading chamber volume, m ³	2,6
Loading chamber size - top, L x W, mm	1500x1000
Loading chamber size - bottom, L x W, mm	1500x1000
Loading chamber height, mm	1600
Output capacity per cycle, m ³	0,75
Output capacity per hour, m ³ /h	96,4
Compacting cycle, sec	28
Container volume, m ³	12-26
Organic waste payload, tons	13-16
Mixed waste payload, tons	5-8

EMC BIO OVERALL DIMENSIONS:

Type	EMC14	EMC16	EMC20	EMC22	EMC24
V, m ³	14	16	20	22	24
L, mm	4760	5160	5560	5960	6360
L1, mm	3000	3400	3800	4200	4600



Features:

For hooklift/roll-off tippers

Container 80 and 100% full light

Pendulous retaining claws prevent the waste from springing back

Front hook can be folded down for easy filling

Problem-free emptying supported by three-sided conical container body

Discharge door with ratchet closure, hinges on the side or top

Cylinder mounted in rotatable eyelets

Maintenance friendly electrical switch cabinet and hydraulic unit are easily accessible from the side and from above.

Electronic safety controller is easily expandable for many additional functions

Container sandblasted and painted as per EN ISO 12944 C3M

Options:

End position of the ram "open" or "closed"

Cable remote control

Cover over filling opening optionally

Compactor pick up from both sides

Discharge door with seal

Additional integrated or portable container tipping mechanisms

Fill level, error or service requirement notification via GSM

Bin Lifting device integrated or stationary with own power pack

230/380V switch box panel

Timer to start / stop compaction

Automatic start with photo sensor

Oil heating system

Steel lid with 2 gas cylinders

Aluminum lid with 2 gas cylinders

Ozone freshener odors remover

Waste feeding channel

Guiding rails, 3m or 6m

Solar panel station

