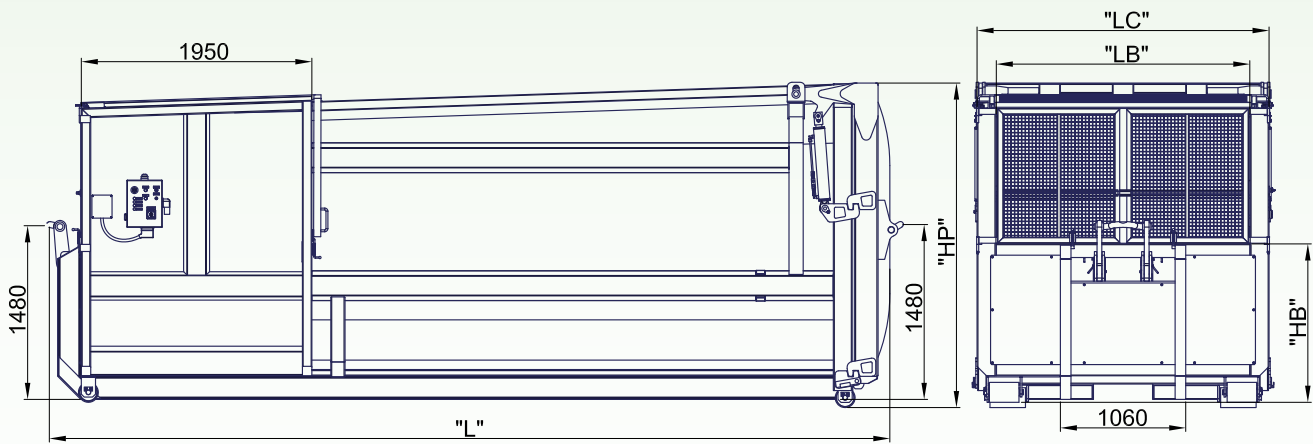


# HORIZONTAL PLATE COMPACTOR - CMP



Horizontal plate compactor is the perfect solution for the reduction of waste volume such as paper, cardboard, plastic bottles, packing.

- COMPACTION FORCE 40 TON
- WIDE LOADING HOPPER: 2150 x 1050 mm

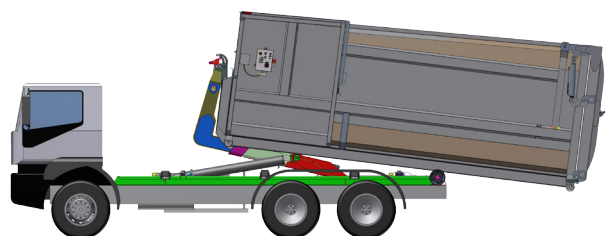


MODEL	CMP15	CMP16	CMP18	CMP20	CMP22	CMP24	CMP25	CMP26
Capacity (mc)	15	16	18	20	22	24	25	26
External length "L" (mm)	5200	5500	5800	6200	6300	6500	6800	7000
External width "LC" (mm)	2500							
External height "HP" (mm)	2650							
Compaction chamber length (mm)	1050							
Compaction chamber width (mm)	2150							
Loading Hopper Height "HB" (mm)	1300							
Hopper width "LB" (mm)	2150							
Hopper length (mm)	1950							
Hydraulic Ram Stroke (mm)	1500							
Hydraulic Ram Penetration (mm)	480							
Cycles For Hour	88							
Cycle Time (kW)	38							
Compressible Volume Per Cycle (mc)	1,8							
Operating Voltage (V)	380							
Electric Control Voltage / Motor (kW)	7,5							
Working Pressure (bar)	230							
Compaction Force (ton)	40							
Weight (kg)	5100	5200	5300	5400	5500	5600	5700	5800
Noisiness (dba)	78							

**COMPACTOR:** machine, consisting of a compaction unit and container that compacts loose materials into a container.

**Compaction unit:** all components directly involved in pressing the loose materials into the container and compacting them inside the container. The compaction chamber is the area in which the plate moves to press and compact the material into the receiving container. The device for the compacting process is a plate moved by two hydraulic cylinders. The plate slides on horizontal rails in Ertalon. A sliding steel sheet over the plate avoids the material come-back, when the plate is in forward position. The plate movement is controlled by two magnetic induction switch.

**LIFTING:** the compactor can be lifted by hooklift equipment. It has two lifting hooks (front and rear position) made in S355JR Ø 55 mm. The front hook is folding type to allow the hopper feeding.



**MOVEMENT:** the compactor can be moved by hook lift equipment, in order to be well positioned, dragging it on four rollers (rear and front).

**DISCHARGE DOOR:** door that allows emptying compacted materials out of the container (by gravity).

Available in 2 models:

- **APB model:** upper and over hydraulic door. It is composed by 2 hinges, 2 hydraulic cylinders with overcenter valves, an opening system by hydraulic connection with the truck hydraulic system, rounded shape door, seal on the door perimeter (sides and bottom).

The 130° opening angle avoids any contact between the door and waste material or the ground.



- **APL model:** side opening system (rotation 270°). It is composed by 3 hinges, lateral safety manual device, rounded shape door, seal on the door perimeter (sides and bottom).



**ELECTRICAL AND HYDRAULIC EQUIPMENT:** PLC control system, control panel, three-phases motor power rating 7,5 kW, electric supply 380V-50Hz, hydraulic unit.

- **Control panel:** It is equipped with connection plug 32A 3P + T. IP protection classes 65 (Complete protection against contact, protection from infiltration of dust, protection from water projected from a nozzle).

- **Hydraulic unit:** positioned in the upper area of the hopper.

- **Compaction force:** 40 ton.

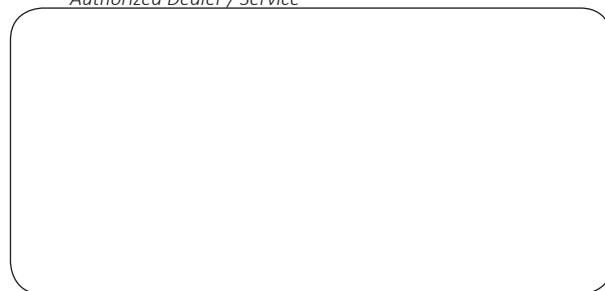
- **Operating mode:** manual or operating mode in which the machine cycles during a pre-set time, then stops automatically.

**PAINTING CYCLE:** Cleaning, pickling and interior paint with water epoxy primer. External painting WITH LOW ENVIRONMENTAL IMPACT polished catalyzed polyurethane water soluble enamel applied with Airless technology within the thickness of 70 - 90 microns, in single colour to define. Drying with forced drying oven at a temperature of 60°.

#### OPTIONALS

- Automatic initiation of cycle.
- Hydraulic lid to cover the feed hopper.
- Hydraulic system to help the ejection of compacted waste.
- Compaction force 50 ton.
- Acoustic and visual warning signal for 75%
- Remote panel (Start / Stop / Emergency stop).
- DIESEL motor, power rating 10.3 kW

*Authorized Dealer / Service*



*For further information please contact our local agent or BTE technical department. All product specifications are subject to change without prior notice.*