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ROLL ON/OFF
COMPACTORS

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Busi Group, dynamic solutions for a clean future.

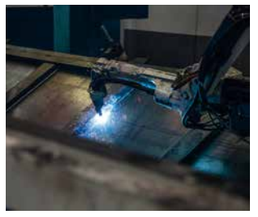
Experience and innovation in the sector of the collection, compaction and transport of waste











B.T.E. Busi Tecnologie Ecologiche is an Italian company based in Paitone in the province of Brescia, established in 1991 and specialized in the production and marketing of products for the collection, compaction and transport of waste.
A production process in increasing development, highly technological and structured that allows the creation of high-performance products, result of a daily commitment of a team of professionals and engineers that study the better solutions to be proposed on the market, paying a great attention to the specific customer demands.

Thanks to an after-sale service, B.T.E. is able to offer a personal consultancy all over Italy and abroad, in order to satisfy any technical and professional requirement.
The target is to improve, day by day, the quality of the service by planning innovative solutions and functionalities.







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ROLL ON/OFF
COMPACTORS
CMP

SERIES CMP

REGULAR (CMP)
SMALL (MINI-CMP)
OPENABLE (ACB)

SOLAR POWER
LIGHTWEIGHT

The horizontal ram compactor is ideal for compaction of municipal solid waste and similar; packaging waste (paper boxes, cardboard, cellophane, polystyrene); materials easily reduced in volume (plastic bottles, lightweight plastic boxes, waste from industrial processes).
The horizontal ram compaction system consists of a presser controlled by two oil-hydraulic cylinders placed inside the structure. The compression blade (ram) is guided by angular sections placed on the bottom of the compression chamber and sliding is assured by cast polyamide shoes (ERTALON 6PLA). The material fed into the loading mouth, falls into the compression chamber at the moment when the blade moves backward and is pushed into the box during the forward movement of the blade transferring the waste from the loading mouth into the compacting compartment. A sliding plate installed above the compression blade prevents the material from falling behind the same during forward motion.

This system makes it possible to feed material into the compactor continuously. The “forward” and “backward” positions of the compression blade are controlled by two inductive sensors (proximity switches). The compacting cycle is controlled by a PLC (Programmable Logic Controller) placed inside the electric panel. The hopper is closed at the front with metal grid gates fitted with safety limit switches and at the top with manually controlled sliding canopy.



SERIES
CMP

MODEL
REGULAR (CMP)

The horizontal ram roll on/off compactor is available in two versions:

Model APB with tilt opening hatch using connection to the hydraulic system of the transport tractor or roll-off equipment. The hatch opening angle of 130° prevents it from rubbing against the waste on the ground and allows the equipment to tilt completely to conveniently extract the material from the box.

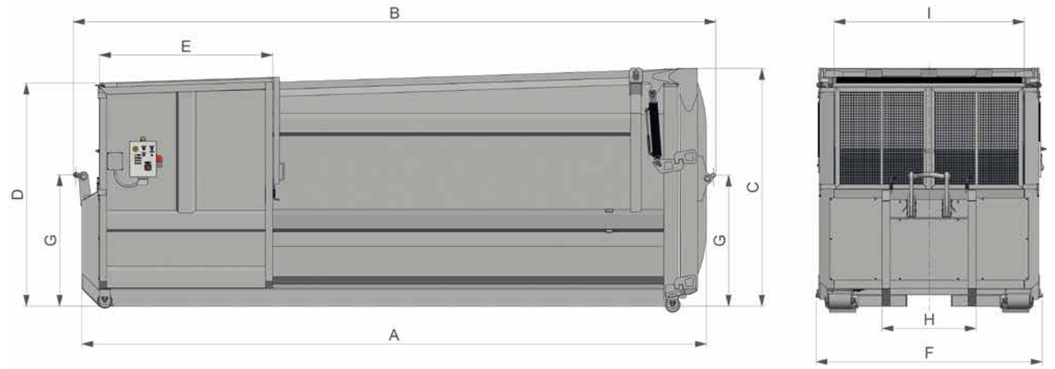
Model APL with manually opening, single casement hatch. The hatch rotates by 270° on three hinges. Closure is assured by three pawls placed on the opposite side of the hinge controlled by a manual ratchet system.

For both hatches, tightness is assured by a gasket on the two side jambs on the entire height and on the lower casement.



MAIN OPTIONAL FEATURES AVAILABLE

- automatic start with diffuse sensors
- oil-hydraulic opening loading mouth cover
- watertight
- thrust 50 tonnes
- ejector system
- light and sound signal when 75% full
- remote control auxiliary button board
- Diesel operation
- combined Diesel+Electric operation



FEATURES

MODEL			CMP15	CMP16	CMP18	CMP20	CMP22	CMP24	CMP25	CMP26	CMP27
Useful volume		**m³**	15	16	18	20	22	24	25	26	27
*Machine frame length	A	**mm**	5200	5500	5800	6000	6200	6500	6800	7000	7200
* Outer length	B	**mm**	5480	5780	6080	6280	6480	6780	7080	7280	7480
Outer width	F	**mm**	2500	2500	2500	2500	2500	2500	2500	2500	2500
Front outer height	D	**mm**	2510	2510	2510	2510	2510	2510	2510	2510	2510
Rear outer height	C	**mm**	2650	2650	2650	2650	2650	2650	2650	2650	2650
Feeding mouth length	E	**mm**	1900	1900	1900	1900	1900	1900	1900	1900	1900
Feeding mouth width	I	**mm**	2150	2150	2150	2150	2150	2150	2150	2150	2150
Roll on beams gauge	H	**mm**	1060	1060	1060	1060	1060	1060	1060	1060	1060
Roll-on hook height	G	**mm**	1480	1480	1480	1480	1480	1480	1480	1480	1480
Feeding mouth height		**mm**	1300	1300	1300	1300	1300	1300	1300	1300	1300
Presser stroke		**mm**	1500	1500	1500	1500	1500	1500	1500	1500	1500
Presser penetration		**mm**	480	480	480	480	480	480	480	480	480
Cycle time		**sec**	38	38	38	38	38	38	38	38	38
Compressible volume per cycle		**m³**	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
Operating voltage		**V**	380	380	380	380	380	380	380	380	380
Electric motor power		**kW**	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
Maximum operating pressure		**bar**	230	230	230	230	230	230	230	230	230
Presser force		**tonne**	40 - 50	40 - 50	40 - 50	40 - 50	40 - 50	40 - 50	40 - 50	40 - 50	40 - 50
** Weight		**kg**	5100	5300	5400	5500	5600	5700	5800	5900	6020
Noise level		**dbA**	78	78	78	78	78	78	78	78	78

* ± 0.3% ** ± 3%

SERIES
CMP

MODEL
SMALL (MINI-CMP)

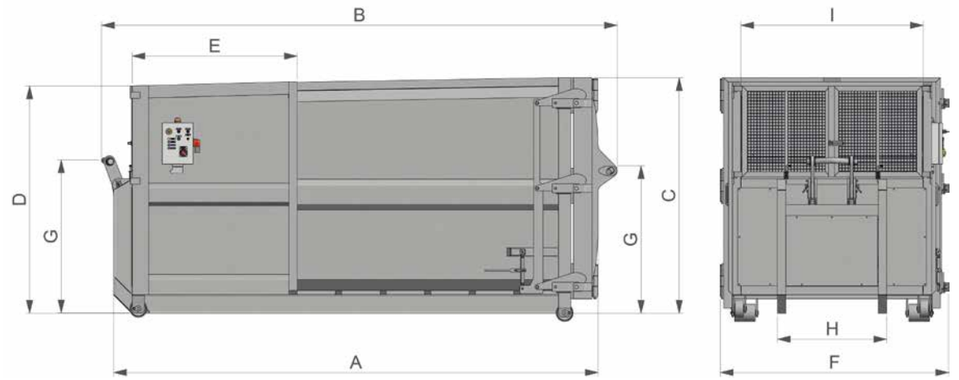
A MINI version has been designed to use compactors even where there are space constraints. The functional features are the same as the large version, compacting is assured by a blade (ram) guided on the bottom of the compression chamber by angular sections and cast polyamide shoes (ERTALON 6PLA).

Thanks to its compact size the compactor may be moved by small/medium sized trucks fitted with roll-on equipment, able to manoeuvre even in small spaces.



MAIN OPTIONAL FEATURES AVAILABLE

- automatic start with diffuse sensors
- oil-hydraulic opening loading mouth cover
- light and sound signal when 75% full.
- remote control auxiliary button board



FEATURES

MODEL			MINI-CMP 9	MINI-CMP 10	MINI-CMP 11	MINI-CMP 12
Useful volume		m^3	9	10	11	12
*Machine frame length	A	mm	4000	4300	4500	4700
* Outer length	B	mm	4260	4550	4750	4950
Outer width	F	mm	2100	2100	2100	2100
Front outer height	D	mm	2200	2200	2200	2200
Rear outer height	C	mm	2280	2280	2280	2280
Roll-on hook height	E	mm	900 - 1480	900 - 1480	900 - 1480	900 - 1480
Roll on beams gauge	I	mm	800 - 1060	800 - 1060	800 - 1060	800 - 1060
Feeding mouth height	H	mm	1340	1340	1340	1340
Feeding mouth width	G	mm	1750	1750	1750	1750
Feeding mouth length		mm	1600	1600	1600	1600
Presser stroke		mm	1200	1200	1200	1200
Presser penetration		mm	300	300	300	300
Cycle time		sec	32	32	32	32
Compressible volume per cycle		m^3	1	1	1	1
Operating voltage		V	380	380	380	380
Electric motor power		kW	5.5	5.5	5.5	5.5
Maximum operating pressure		bar	200	200	200	200
Presser force		tonne	30	30	30	30
** Weight		kg	2750	3000	3250	3500
Noise level		dbA	76	76	76	76

* ± 0.3% ** ± 3%

SERIES
CMP

MODEL
OPENABLE (ACB)

The particular feature of model ACB is that its box structure is split into two parts, hinged to one another in the upper section of the loading hopper. In this way the part that contains the compacted waste opens when unloading, thus making it considerably easier to unload the material. This makes it the compactor of choice for hard to extract materials after pressing.

Compared to the standard horizontal ram, the oil-hydraulic system is more powerful and the blade cylinders are oversized to achieve a thrust of 50 Tonnes.

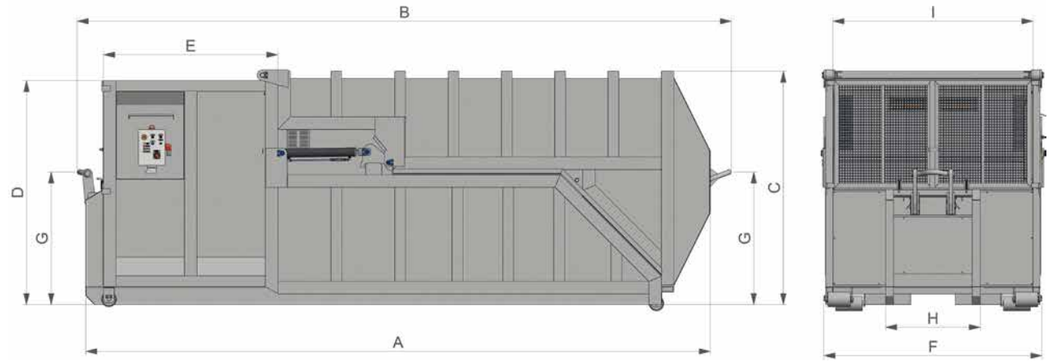
It opens by lifting the top part of the box through two oil-hydraulic cylinders. A locking system with mechanical pawls controlled directly by the opening cylinders ensures the two parts are mechanically tight.

Available in the version with lengthwise partition (1/3 and 2/3) for the entire length and height of the compactor for separate collection of 2 types of material.



MAIN OPTIONAL FEATURES AVAILABLE

- automatic start with diffuse sensors
- thrust 50 tonnes
- light and sound signal when 75% full
- remote control auxiliary button board
- Diesel operation



FEATURES

MODEL			CMP20ACB	CMP22ACB	CMP22ACB
Useful volume		m^3	20	22	25
*Machine frame length	A	mm	6000	6500	7200
* Outer length	B	mm	6300	6800	7500
Outer width	F	mm	2500	2500	2500
Front outer height	D	mm	2500	2500	2500
Rear outer height	C	mm	2600	2600	2600
Feeding mouth length	E	mm	1950	1950	1950
Feeding mouth width	I	mm	2230	2230	2230
Roll-on hook height	H	mm	1480	1480	1480
Roll on beams gauge	G	mm	1060	1060	1060
Feeding mouth height		mm	1320	1320	1320
Presser penetration		mm	450	450	450
Compressible volume per cycle		m^3	1.5	1.5	1.5
Theoretical unladen cycle		sec	45	45	45
Operating voltage		V	380	380	380
Electric motor power		kW	7.5	7.5	7.5
Maximum operating pressure		bar	220	220	220
Presser force		tonne	40-50	40-50	40-50
** Weight		kg	6000	6500	7400
Noise level		dbA	74	74	74

* ± 0.3% ** ± 3%

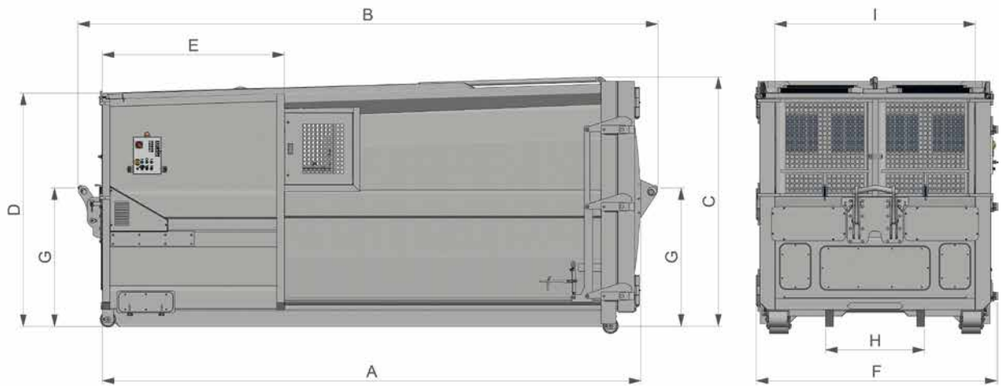
SERIES
CMP

MODEL
SOLAR POWER

Thanks to 8m² of photovoltaic modules installed on the roof, a pack of high-efficiency batteries and software to manage and optimise energy resources on the machine, BTE solar power compactors are suitable for use where there is no electricity or far from the mains.
Furthermore, the extremely low noise level combined with a modern and attractive design makes the photovoltaic solution suitable for installation in recycling centres located in prime urban settings, town centres or areas intended for temporary events such as trade fairs and special events.
The top part of the hopper is protected by a sliding canopy, fitted with 2 photovoltaic modules, with 4 other photovoltaic modules installed on the box area in a fixed position.
The battery pack has been designed to meet the specific need for constant and prolonged power supply.

The system's modularity assures operation with batteries as well as connection to the power mains, so the machine may also be used when there is no stored power due to insufficient light or adverse weather conditions. A version without photovoltaic panels is also available, having oversized batteries so the compactor is able to work autonomously.





FEATURES

MODEL			CMPF18	CMPF20	CMPF22	CMPF24	CMPF25
Volume		m³	18	20	22	24	25
*Machine frame length	A	mm	5800	6000	6200	6500	6800
*Outer length	B	mm	6040	6240	6440	6740	7040
Outer width	F	mm	2500	2500	2500	2500	2500
Front outer height	D	mm	2650	2650	2650	2650	2650
Rear outer height	C	mm	2650	2650	2650	2650	2650
Feeding mouth length	E	mm	1900	1900	1900	1900	1900
Feeding mouth width	I	mm	2150	2150	2150	2150	2150
Roll on beams gauge	G	mm	1480	1480	1480	1480	1480
Roll-on hook height	H	mm	1480	1480	1480	1480	1480
Feeding mouth height		mm	1400	1400	1400	1400	1400
Presser stroke		mm	1500	1500	1500	1500	1500
Presser penetration		mm	480	480	480	480	480
Cycle time		sec	55	55	55	55	55
Compressible volume per cycle		m³	1.5	1.5	1.5	1.5	1.5
Battery charge		V	48V Mains power supply 220V 50Hz	48V Mains power supply 220V 50Hz	48V Mains power supply 220V 50Hz	48V Mains power supply 220V 50Hz	48V Mains power supply 220V 50Hz
Electric motor		kW	3kW/1500 rpm	3kW/1500 rpm	3kW/1500 rpm	3kW/1500 rpm	3kW/1500 rpm
Maximum operating pressure		bar	200	200	200	200	200
Presser force		tonne	30 - 40	30 - 40	30 - 40	30 - 40	30 - 40
**Weight		kg	5800	6000	6200	6300	6500
Noise level		dbA	70	70	70	70	70

* ± 0.3% ** ± 3%

SERIES
CMP

MODEL
LIGHTWEIGHT

The lightweight model horizontal ram roll on/off compactor is available in two versions:

Model APB with tilt opening hatch using connection to the hydraulic system of the transport tractor or roll-off equipment. The hatch opening angle of 130° prevents it from rubbing against the waste on the ground and allows the equipment to tilt completely to conveniently extract the material from the box.

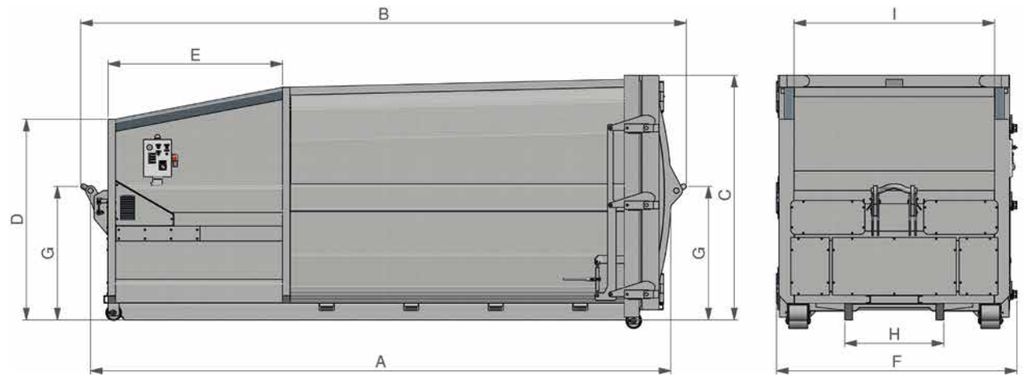
Model APL with manually opening, single casement hatch. The hatch rotates by 270° on three hinges. Closure is assured by three pawls placed on the opposite side of the hinge controlled by a manual ratchet system.

For both hatches, tightness is assured by a gasket on the two side jambs on the entire height and on the lower casement.



MAIN OPTIONAL FEATURES AVAILABLE

· automatic start with diffuse sensors
· watertight
· ejector system
· light and sound signal when 75% full
· remote control auxiliary button board



FEATURES

MODEL			CMP15	CMP16	CMP18	CMP20	CMP22	CMP24	CMP25	CMP26
Useful volume		m^3	15	16	18	20	22	24	25	26
*Machine frame length	A	mm	5200	5500	5800	6000	6200	6500	6800	7000
*Outer length	B	mm	5480	5780	6080	6280	6480	6780	7080	7280
Outer width	F	mm	2550	2550	2550	2550	2550	2550	2550	2550
Front outer height	D	mm	2150	2150	2150	2150	2150	2150	2150	2150
Rear outer height	C	mm	2620	2620	2620	2620	2620	2620	2620	2620
Feeding mouth length	E	mm	1900	1900	1900	1900	1900	1900	1900	1900
Feeding mouth width	I	mm	2150	2150	2150	2150	2150	2150	2150	2150
Roll on beams gauge	H	mm	1060	1060	1060	1060	1060	1060	1060	1060
Roll-on hook height	G	mm	1480	1480	1480	1480	1480	1480	1480	1480
Feeding mouth height		mm	1600	1600	1600	1600	1600	1600	1600	1600
Presser stroke		mm	1500	1500	1500	1500	1500	1500	1500	1500
Presser penetration		mm	480	480	480	480	480	480	480	480
Cycle time		sec	45	45	45	45	45	45	45	45
Compressible volume per cycle		m^3	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Operating voltage		V	380	380	380	380	380	380	380	380
Electric motor power		kW	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
Maximum operating pressure		bar	230	230	230	230	230	230	230	230
Presser force		tonne	30 - 40	30 - 40	30 - 40	30 - 40	30 - 40	30 - 40	30 - 40	30 - 40
**Weight		kg	4800	4850	4900	5000	5200	5300	5400	5500
Noise level		dbA	74	74	74	74	74	74	74	74

* ± 0.3% ** ± 3%



ROLL ON/OFF
COMPACTORS
CMPU

SERIES CMPU

REGULAR (CMPU)
SMALL (MINI-CMPU)
HORIZONTAL DISCHARGE (ABB)

The single blade compactor is ideal for compacting moist municipal solid waste and bulky materials. The bottom of the compression chamber constructed with a single plate creates a chute that enters the box directly. The oil-hydraulic unit is placed under the bottom plate, thus achieving a fully watertight structure.
The single blade compactor features a compacting system consisting of a blade sliding on bronze shoes within “Hoesch” guide rails, hinged at the top onto the compactor’s frame to permit the tilting motion.

The waste is compacted by the tilting movement of the two guide rails.
The blade is moved vertically by oil-hydraulic cylinders. The compacting system assures a thrust up to 50 tonnes.



SERIES
CMPU

MODEL
REGULAR (CMPU)

The single blade roll on/off compactor is available in two versions:

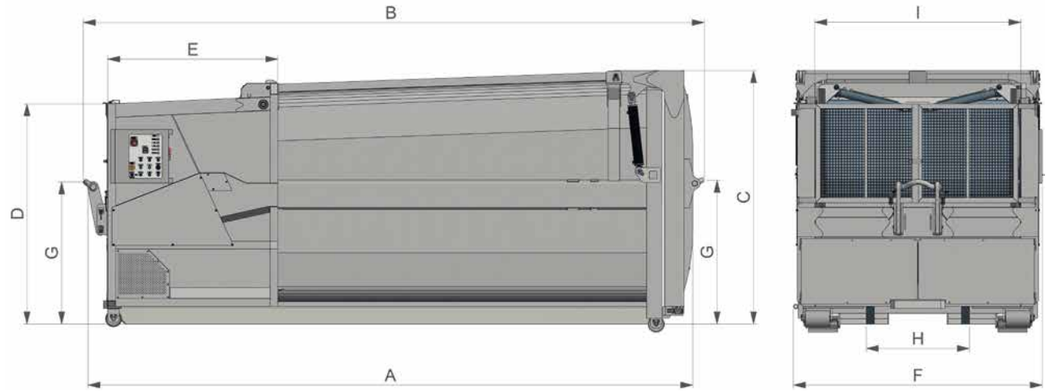
Model APB with tilt opening using connection to the hydraulic system of the transport tractor or truck with roll-off equipment. The hatch opening angle of 130° prevents it from rubbing against the waste on the ground and allows the equipment to tilt completely to conveniently extract the material from the box. Tightness between box and hatch is assured by a gasket on the two side jambs on the entire height and on the lower casement. A supplementary lock applied in the lower part of the hatch hydraulically operated in sequence with the opening/rotation cylinders, assures mechanical tightness and compression of the watertightness gasket. Thanks to this blocking system the hatch does not slide on the gasket but is supported, assuring excellent watertightness and long service life of the gasket.

Model APL with manually opening, single casement hatch. The hatch rotates by 270° on three hinges. Closure is assured by three pawls placed on the opposite side of the hinge controlled by a manual ratchet system.
Tightness is assured by a gasket on the two side jambs on the entire height and on the lower casement.



MAIN OPTIONAL FEATURES AVAILABLE

- automatic start with diffuse sensors
- manual sliding loading mouth cover (in metal plate or electro-welded grid)
- oil-hydraulic opening loading mouth cover
- Photocells for collection with satellite vehicles
- light and sound signal when 75% full
- remote control auxiliary button board
- Diesel operation



FEATURES

MODEL			CMPU 16APB	CMPU 18APB	CMPU 20APB	CMPU 22APB	CMPU 24APB	CMPU 25APB	CMPU 26APB
Useful volume		m^3	16	18	20	22	24	25	26
* Outer length	A	mm	5820	6020	6220	6420	6720	7220	7420
*Machine frame length	B	mm	5600	5800	6000	6200	6500	7000	7200
Outer width	F	mm	2550	2550	2550	2550	2550	2550	2550
Front outer height	D	mm	2260	2260	2260	2260	2260	2260	2260
Rear outer height	C	mm	2600	2600	2600	2600	2600	2600	2600
Feeding mouth length	E	mm	1750	1750	1750	1750	1750	1750	1750
Feeding mouth width	I	mm	2110	2110	2110	2110	2110	2110	2110
Roll on beams gauge	H	mm	1060	1060	1060	1060	1060	1060	1060
Roll-on hook height	G	mm	1480	1480	1480	1480	1480	1480	1480
Feeding mouth height		mm	1240	1240	1240	1240	1240	1240	1240
Cycle Time (Electric / Diesel)		mm	32 / 38	32 / 38	32 / 38	32 / 38	32 / 38	32 / 38	32 / 38
Presser penetration		mm	500	500	500	500	500	500	500
Compressible volume per cycle		sec	2.6	2.6	2.6	2.6	2.6	2.6	2.6
Operating voltage		m^3	380	380	380	380	380	380	380
Electric motor power		V	11	11	11	11	11	11	11
Diesel engine power		kW	10.3-16	10.3-16	10.3-16	10.3-16	10.3-16	10.3-16	10.3-16
Maximum operating pressure		bar	210	210	210	210	210	210	210
Presser force		tonne	50	50	50	50	50	50	50
** Weight		kg	4900	5150	5300	5450	5550	5700	5800
Noise level		dbA	76	76	76	76	76	76	76

* ± 0.3% ** ± 3%

SERIES CMPU

MODEL SMALL (MINI-CMPU)

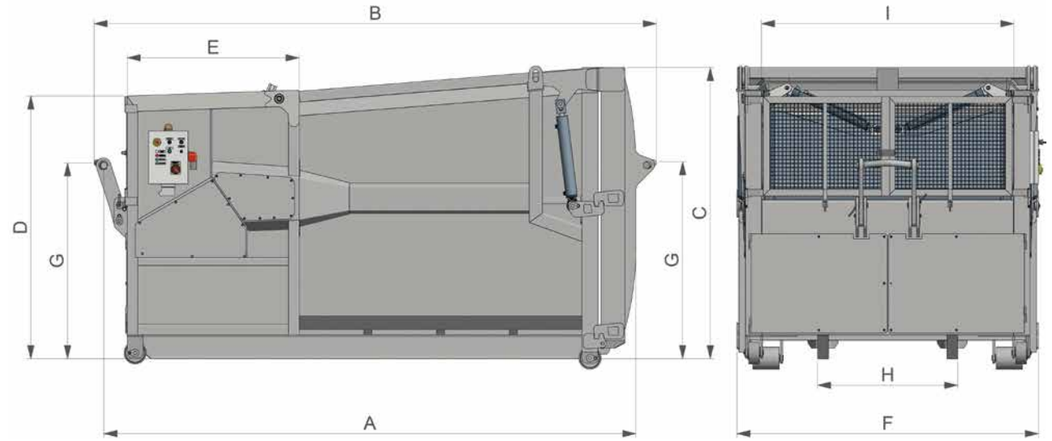
A MINI version has been designed to use compactors even where there are space constraints. The functional features are the same as the large version, compacting is assured by a blade sliding on wear-resistant steel within “Hoesch” guide rails, hinged at the top onto the compactor’s frame to permit the tilting motion.

Thanks to its compact size the compactor may be moved by small/medium sized trucks fitted with roll-on equipment, able to manoeuvre even in small spaces.



MAIN OPTIONAL FEATURES AVAILABLE

- manual sliding loading mouth cover (in metal plate or electro-welded grid)
- oil-hydraulic opening loading mouth cover
- automatic start with diffuse sensors
- light and sound signal when 75% full
- remote control auxiliary button board



FEATURES

MODEL			MINI-CMPU06	MINI-CMPU08	MINI-CMPU10
Useful volume		m^3	6	8	10
*Outer length	A	mm	3500	4000	4500
*Machine frame length	B	mm	3750	4250	4750
Outer width	F	mm	2300	2300	2300
Front outer height	D	mm	2000	2000	2000
Rear outer height	C	mm	2200	2200	2200
Roll-on hook height	E	mm	900 - 1480	900 - 1480	900 - 1480
Roll on beams gauge	I	mm	800 - 1060	800 - 1060	800 - 1060
Feeding mouth height	H	mm	1250	1250	1250
Loading hopper width	G	mm	1640	1640	1640
Loading hopper length		mm	1300	1300	1300
Presser penetration		mm	400	400	400
Cycle time		mm	30	30	30
Compressible volume per cycle		sec	1.2	1.2	1.2
Operating voltage		m^3	380	380	380
Electric motor power		V	5.5	5.5	5.5
Maximum operating pressure		kW	200	200	200
Presser force		bar	25	25	25
**Weight		tonne	2900	3100	3300
Noise level		dbA	78	78	78

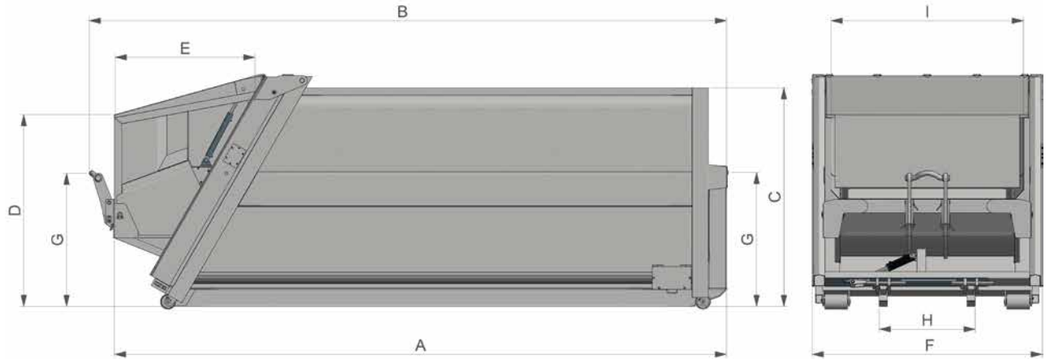
* ± 0.3% ** ± 3%

SERIES CMPU

MODEL HORIZONTAL DISCHARGE (ABB)

Model ABB also has the tilting blade compacting system as the regular model, but the guide rails are anchored onto a mobile structure, hinged onto the box (hood), that opens when the material is unloaded.
The waste is loaded and unloaded on the same side.
The ABB single blade compactor has the great advantage of being able to unload horizontally thanks to an ejection system with movable blade actuated by a multi-stage cylinder. Tightness between box and hood is assured by a gasket on the two side jambs on the entire height and on the lower rail. A supplementary lock applied in the lower part of the hood actuated hydraulically assures mechanical tightness between the two structures.
The compactor is moved and the hatch is opened with a truck fitted with roll-off equipment and auxiliary oil-hydraulic circuit to be connected, during unloading, to the system controlling hatch opening and closing located on the compactor.





FEATURES

MODEL			CMPU16ABB	CMPU18ABB	CMPU20ABB	CMPU22ABB	CMPU25ABB
Useful volume		m^3	16	18	20	22	25
*Machine frame length	A	mm	6100	6300	6500	6800	7000
* Outer length	B	mm	6200	6400	6600	6900	7100
Outer width	F	mm	2500	2500	2500	2500	2500
Front outer height	D	mm	2410	2410	2410	2410	2410
Rear outer height	C	mm	2530	2530	2530	2530	2530
Feeding mouth length	E	mm	1900	1900	1900	1900	1900
Feeding mouth width	I	mm	2110	2110	2110	2110	2110
Roll on beams gauge	H	mm	1060	1060	1060	1060	1060
Roll-on hook height	G	mm	1480	1480	1480	1480	1480
Feeding mouth height		mm	1250	1250	1250	1250	1250
Cycle time		mm	35	35	35	35	35
Presser penetration		mm	500	500	500	500	500
Compressible volume per cycle		sec	2.4	2.4	2.4	2.4	2.4
Operating voltage		m^3	380	380	380	380	380
Electric motor power		V	11	11	11	11	11
Diesel engine power		kW	10.3-18	10.3-18	10.3-18	10.3-18	10.3-18
Maximum operating pressure		bar	200	200	200	200	200
Presser force		tonne	40	40	40	40	40
** Weight		kg	6700	6900	7200	7300	7500
Noise level		dbA	76	76	76	76	76

* ± 0.3% ** ± 3%



ROLL ON/OFF
COMPACTORS
CMPV

SERIES
CMPV
REGULAR (CMPV)

The screw compactor is ideal for reducing the volume of dry and recyclable waste such as packaging, plastic, paper, cardboard, wood (boxes, pallets).

The screw shape, conical and with variable pitch, performs break-up, conveyance and compacting action on the material inside the box. Movement is rotary and continuous. A transducer detects power intake of the electric motor and controls clockwise and anti-clockwise screw rotation through the PLC in the electric panel.

Crushing of the material and high thrust generated by the screw assure achieving a high compression ratio compared to conventional compactors, thus obtaining high loads.



SERIES
CMPV

MODEL
REGULAR (CMPV)

PLANETARY GEAR UNIT. Movement is transmitted by planetary gear unit: the most suitable choice for all applications involving impacts and overloading. Planetary mechanical transmission makes it possible to use 3 gears “in parallel”, thus distributing the torque on several teeth at the same tine, resulting in a compact device suitable for this application.

GEAR TRANSMISSION (NOT WITH CHAIN)
Transmission takes place by means of pinion and gear wheel pair, directly achieved on the supporting turntable. It makes it possible to transmit high torques and assures full reversibility of the turntable’s rotation movement without causing backlash or undesirable oscillations typical of chain systems that require effective tensioners.

SCREW FITTED DIRECTLY ON DOUBLE BALL BEARING TURNTABLE. The turntable is able to withstand continuous loads equal twice the stress generated by the maximum torque of the gear unit.

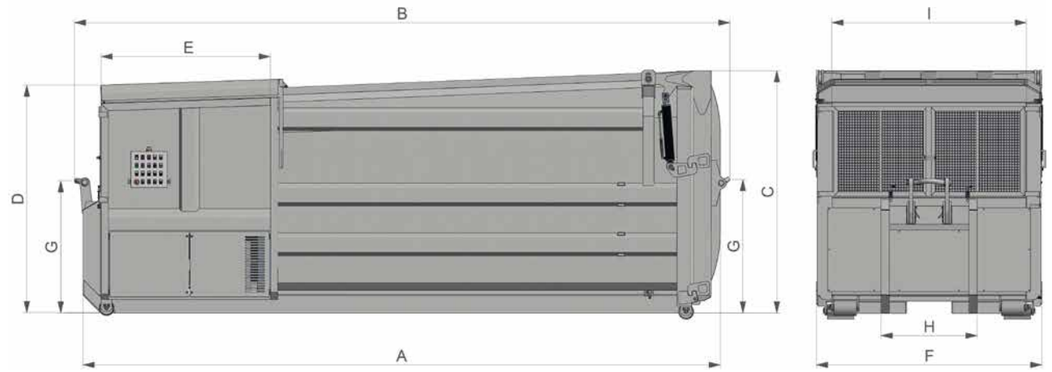
SCREW CONSTRUCTED IN MATERIAL WITH HIGH MECHANICAL RESISTANCE. S355JO with central body in press-bent sheet metal thickness 12 mm.

VARIABLE PITCH CONICAL SCREW. To generate pre-compression while the material is conveyed.



MAIN OPTIONAL FEATURES AVAILABLE

- oil-hydraulic opening loading mouth cover
- light and sound signal when 75% full
- remote control auxiliary button board
- counter-shaft the system stirs up the material fed into the hopper, for easier conveyance of the material into the compacting chamber
- watertightness the entire loading mouth can be constructed perfectly watertight



FEATURES

MODEL			CMPV18	CMPV20	CMPV22	CMPV24	CMPV26
Useful volume		**m³**	18	20	22	24	26
*Machine frame length	A	**mm**	5800	6200	6300	6500	7000
* Outer length	B	**mm**	6040	6440	6540	6740	7240
Outer width	F	**mm**	2550	2550	2550	2550	2550
Front outer height	D	**mm**	2510	2510	2510	2510	2510
Rear outer height	C	**mm**	2650	2650	2650	2650	2650
Feeding mouth length	E	**mm**	1730	1730	1730	1730	1730
Feeding mouth width	I	**mm**	2150	2150	2150	2150	2150
Roll on beams gauge	H	**mm**	1060	1060	1060	1060	1060
Roll-on hook height	G	**mm**	1480	1480	1480	1480	1480
Feeding mouth height		**mm**	1300	1300	1300	1300	1300
Screw diameter		**mm**	750 - 550	750 - 550	750 - 550	750 - 550	750 - 550
No. of revs/1’		**rpm**	12	12	12	12	12
Operating voltage		**V**	380	380	380	380	380
Electric motor power		**kW**	11 - 15 Diesel 10.3	12 - 15 Diesel 10.3	13 - 15 Diesel 10.3	14 - 15 Diesel 10.3	15 - 15 Diesel 10.3
Thrust force		**tonne**	60	60	60	60	60
**Weight		**kg**	6000	6100	6300	6450	6600
Noise level		**dbA**	74	74	74	74	74

* ± 0.3% ** ± 3%

The power of a strong group.

From production to distribution on the market through a sales network that operates in Italy and abroad, the Busi Group integrated system is able to ensure optimal performance of products and **consulting services and assistance to solve all customer requirements regarding waste management.**

Specialized in specific collection systems, Busi Group companies are:

B.T.E. S.p.a based in Paitone, in the province of Brescia, is a company that since 1991 produces and markets products for the collection, compaction and transport of waste (equipment for vehicles, special equipment, roll-off compactors, stationary presses, roll-off boxes, demountables and tanks).

MEC S.p.a , based in Mondovì, in the province of Cuneo, has been operating since 1966. Taken over in 2005, it produces loaders, polyps, demountables, skip loaders and trailers, agricultural demountable with exhaust thrust system.

OMB Technology S.r.l. based in Brescia, has been operating since 1961. Taken over in 2014, it is specialized in the production of containers and vehicles for the side and back loading collection of waste.



The Busi Group's integrated system.

The strength of Busi Group is the result of a virtuous system, unique in its kind, which sees the perfect **integration and synergy between the companies** that make it up.

An integrated and dynamic system, constantly updated, in which each company complements the other and, through the **sharing of technology, knowledge, skills and analysis**, making it possible for Busi Group to enter the market **with a complete range of cutting edge products.**

THE GROUP'S COMPANIES

Three cutting edge companies in the collection, compaction and transport of waste.

CERTIFICATION

BTE S.p.A., MEC S.p.A. and OMB Technology S.r.l. they are ISO 9001 certified.

ECOLOGY

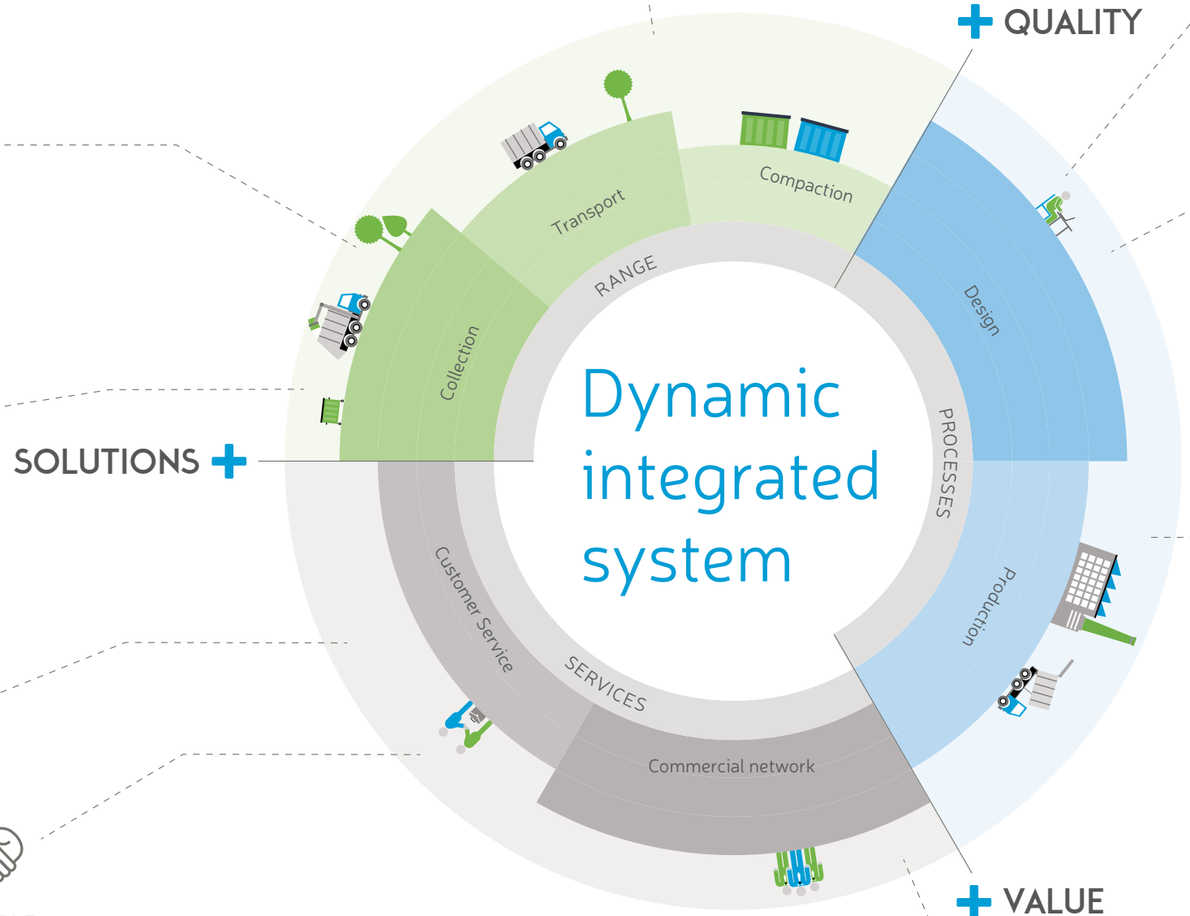
Busi Group offers products and technologies that help make the world cleaner.

CUSTOMER CARE

Busi Group offers a customer support service for prompt intervention in troubleshooting.

PEOPLE

Busi Group believes in the value of investing in people and resources of each of them, leaving room for creativity and personal initiative.



ADVANCED TECHNOLOGY

In the Busi Group a team of engineers and designers work on design solutions and innovative products to meet market demands.

OPTIMISATION OF WORKFLOWS

The finished product is optimised in all its phases: from the analysis of customer requirements to the definition of a competitive range.

QUICK DELIVERY

A single point of contact for all stages of production ensures efficiency in order processing and fast delivery times.

NETWORK IN THE WORLD

Busi Group operates via an extensive sales network not only in Italy but also worldwide.



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