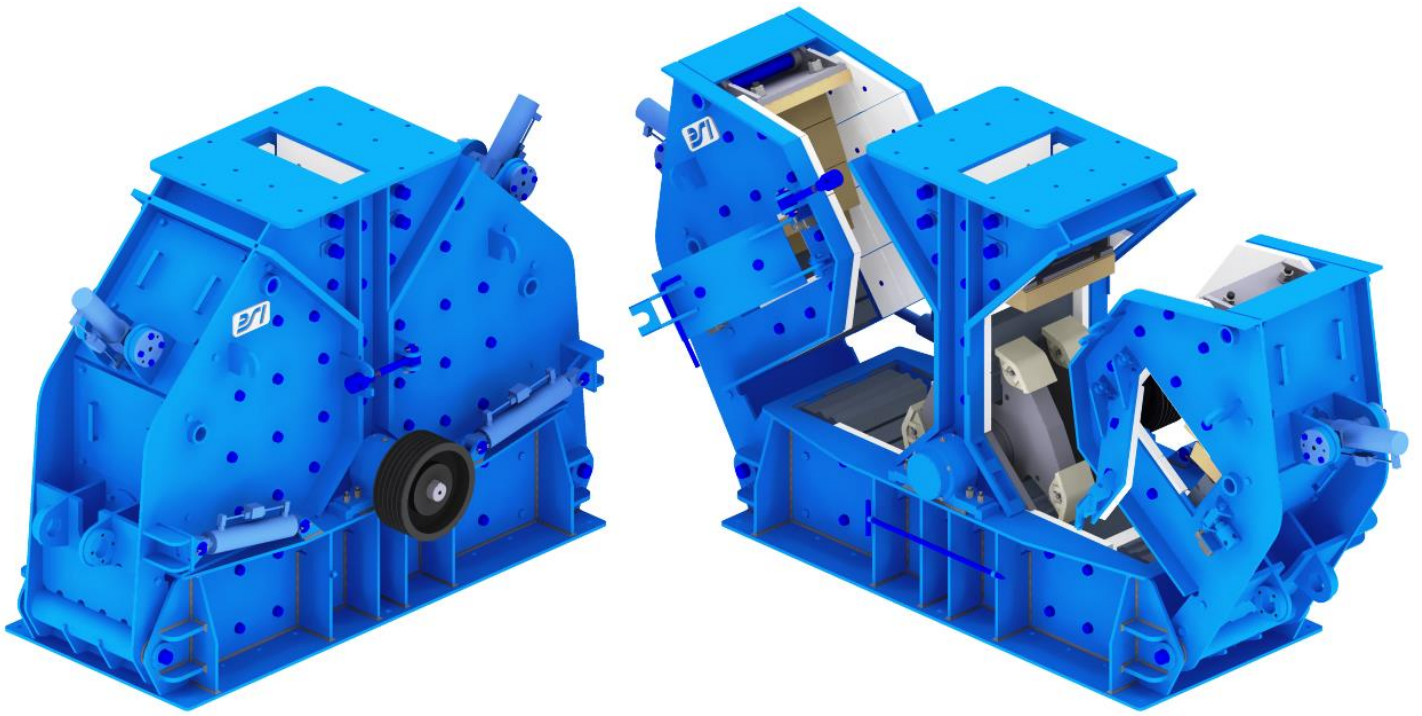


**TERTIARY REVERSIBLE
HORIZONTAL AXIS
IMPACT MILLS
PFC - PMC SERIES**



B.S.I. srl
SOCIETA' BRESCIA IMPIANTI



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TERTIARY REVERSIBLE HORIZONTAL AXIS IMPACT MILLS PFC-PMC SERIES

MAIN TECHNICAL DATA

	PFC 1005	PFC 1107	PFC 1110	PFC 1113	PMC 1005	PMC 1107	PMC 1110	PMC 1113
Feed size – mm (I)	4-35	4-35	4-35	4-35	6-60	6-60	6-60	6-60
Output particle size - mm	30-50	45-75	60-100	75-130	40-60	60-90	70/120	85/150
Capacity – t/h	90 110	110 132	132 200	160 250	110 132	132 160	132 200	160 250
Motor size - kW	0-25	0-25	0-25	0-25	0-30	0-30	0-30	0-30
[rpm]	60-80	60-80	60-80	60-80	50-75	50-75	50-75	50-75
% Output - sieve 5mm	85-95	85-95	85-95	85-95	80-90	80-90	80-90	80-90
% Output - sieve 12mm	1000	1100	1100	1100	1000	1100	1100	1100
Rotor diameter - mm	500	750	1000	1300	500	750	1000	1300
Rotor width - mm	2	3	3+3	3+3	2	3	3+3	3+3
Hammers number	52	90	52	80	78	117	78	102
Hammer weight - kg	6.5	8.0	9.6	11.5	6.6	8.25	10.5	12.5

1) Material of greater dimension can be treated by varying rotor speed or employing hammers with different characteristics.

These values apply to materials with a density of 1,6 t/m³ in pile.

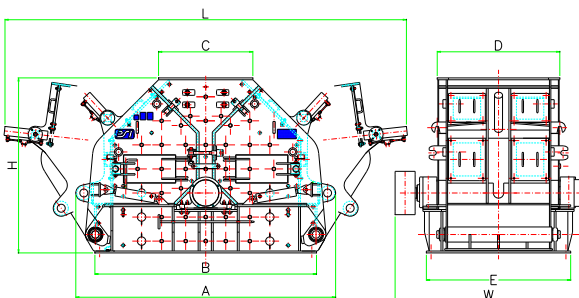
The mill is an element of the plant, so its performance depends in part on the correct functioning of belts, screens, framework, electric motor and transmission, eventual intermediate silo and feeder.

Indicated features are not binding and the B.S.I. reserves the right to edit them for commercial reasons without notice. For the size of the machines, please contact the B.S.I. specifying the type of your interest.

TECHNICAL FEATURES

- High reduction ratio ○Excellent cubicity of produced material ○Less sensitive to humidity and colloidal materials than competitive machines
- Multipurpose machines suitable for the mining and construction industry, particularly suitable for applications and recycling.

- **double rotation direction of the rotor**, with consequent halved machine downtime compared to a not reversible machine.
- **framework and mobile walls** built for heavy-duty service, made of steel sheet, electrowelded. Designed to withstand the over stresses that occur in case of hammers breakage.
- **rotor shaft** for heavy-duty service, of steel with high fatigue resistance, supported by oscillating roller bearings widely oversized, which guarantee the highest assurance even in heavy duty.
- **rotor** for heavy-duty service, of steel, consists of several sectors, independent of each other, put in phase and fixed on the shaft by clamping.
- **shaft supports** for heavy-duty service, of steel, with grease labyrinths for the protection of bearings.
- **hydraulic opening** of the mobile walls via hydraulic cylinders equipped with the opening speed and safety valves adjustment to prevent accidental closing of the movable walls during the maintenance operations.
- **hydraulic adjustment** of the opening lights of the impact wall, by means of hydraulic cylinders equipped with speed regulation and security valves to prevent unintentional movement of the walls during the maintenance operations.
- **reversible hammers** for heavy-duty service, placed in the rotor without any locking. Made of chrome alloy with *hardness 500 - 600 HRB* (standard) or, depending on the type of use, with different hardness to define case by case.
- **impact armours** for heavy-duty service, of chrome alloy with *hardness 56-62 HRC* (standard). Only a single model, with consequent considerable reduction in inventories and are bolted to the impact walls.
- **Side plates** for heavy-duty service, of antiwear steel 500 HB, thick. Only three models, with consequent considerable reduction in inventories and are bolted to the side walls.
- **double effect oleo dynamic cylinders** for heavy-duty service, complete of connections with quick coupling.
- **grease lubrication** by greasers placed on the supports, which allow manual lubrication of bearings and dustproof labyrinths, from location convenient and safe even when the machine working.



	A	B	C	D	E	H	L	W
P-C1005	2550	2350	900	800	1030	1800	3820	1350
P-C1107	2550	2350	1000	1050	1280	1855	4280	1660
P-C1110	2550	2350	1000	1300	1530	1855	4280	1985
P-C1113	2550	2350	1000	1600	1830	1855	4280	2300