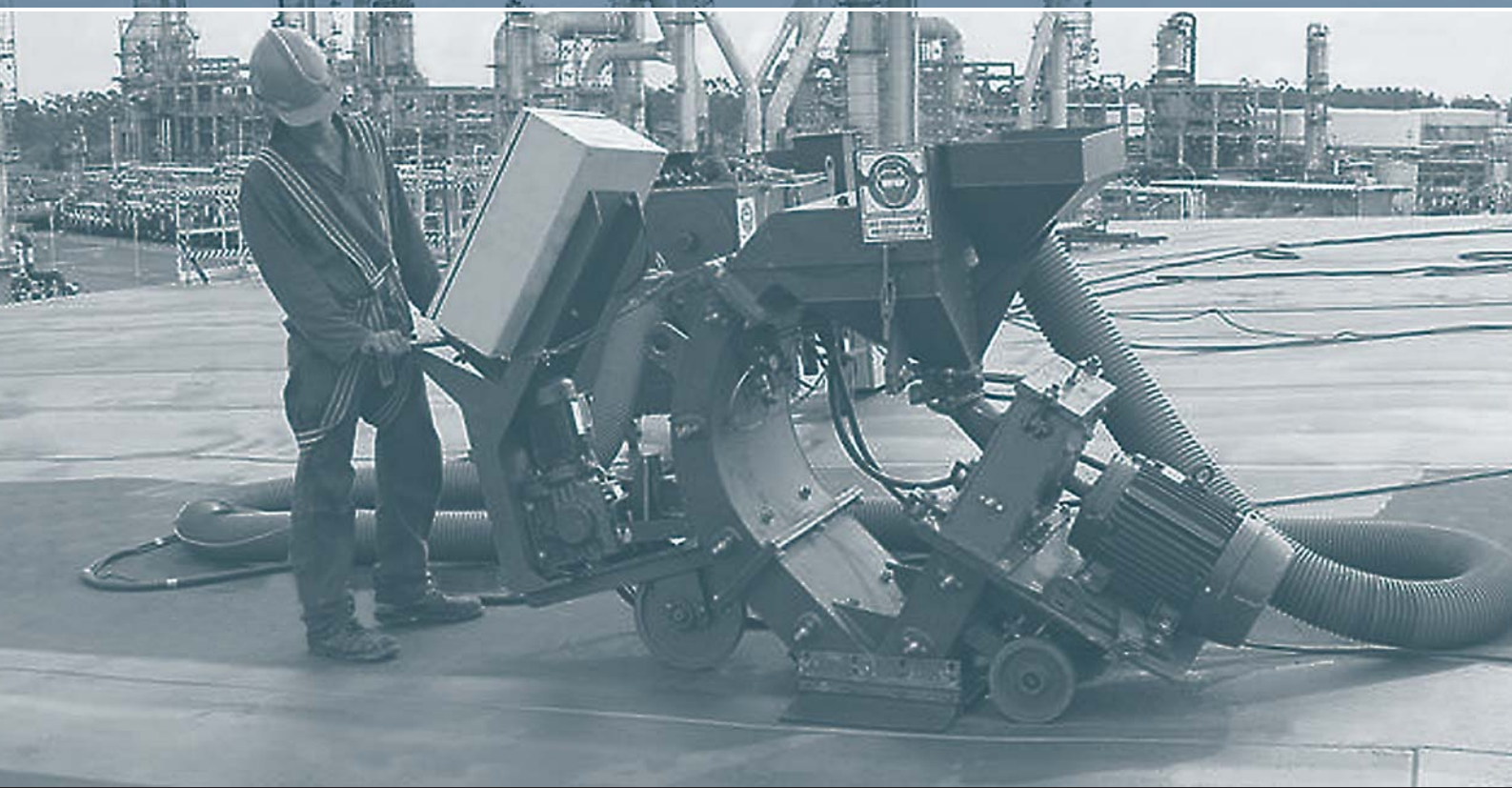
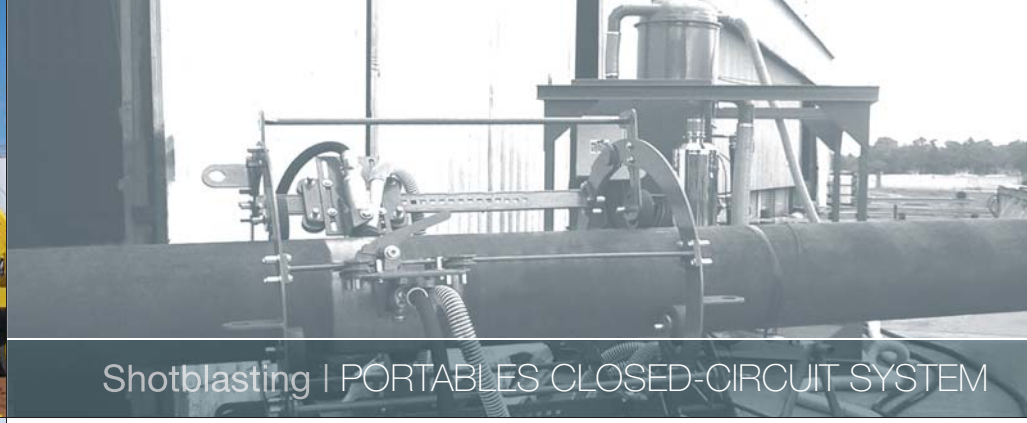


Shotblasting | PORTABLES CLOSED-CIRCUIT SYSTEM



EXPERIENCE – TECHNOLOGY - DEVELOPMENT





Shotblasting | PORTABLES CLOSED-CIRCUIT SYSTEM



Cym Materiales SA manufactures portable closed-circuit shot blasting equipment for treating steel surfaces, concrete, marble, asphalt and other materials. The equipment is suited for shot blasting oil tanks, ship decks and hulls, industrial floors, airport tracks, weld beads, highway marking, pipe joints, etc.

These machines remove paint, scales, stains, etc., and simultaneously provide a rough surface profile, leaving surfaces ready for any type of coating at a low operating cost.

Due to the closed-circuit system, they avoid air pollution by continuously recycling the abrasive and holding back any dust formed during the process. The equipment can be operated inside closed areas without any risks for the operator or the facilities. Besides, the abrasive used is recycled which saves costs.

In the GPP (floors) and GPV (walls) portable shot blasting equipment lines, the abrasive is propelled by blast wheels, whereas in the MB-VAC equipment the abrasive is propelled by compressed air.

GPP AND GPV BLAST CLEANING MACHINES

MODEL	TURBINES		COMP. AIR REQUIRED [1]	BLAST PATTERN	PRODUCTION m ² /hour [2]	
	Quantity	HP	m ³ x min.	mm	Concrete	Steel
GPP 5	1	7.5	0.5	220	45 a 90	15 a 30
GPP 20	1	20	0.5	460	150 a 240	50 a 80
GPP 30	1	30	0.5	560	210 a 360	70 a 120
GPV 30	1	30	0.5	560		70 a 120

MB-VAC BLAST CLEANING MACHINES

MODEL	BLAST HEAD		COMP. AIR REQUIRED [1]	VACUUM PUMP	PRODUCTION m ² /hour [2]	
	Quantity	Diameter mm	m ³ x min.	HP	Concrete	Steel
MB-VAC S	1	80	5		5.4 a 9	1.3 a 3
MB-VAC R 15HP	1	80	2.5	15	21 a 27	7.5 a 9
MB-VAC R 30HP	3	80	7.5	30	63 a 81	22.5 a 27

Note: [1] to 7kg./cm²

[2] The given production volume should be taken as a reference and may vary according to the work to be done and the type of surface to be shot blasted.

Advantage of the use of closed-circuit portable blast-cleaning machines:

- Higher production volume, minimizing GPP and GPV equipment operating cost.
- Process versatility in MB-VAC equipment.
- They do not require extra labor for the surface drying, and the removing of acids, dust, and other contaminants.
- With adequate equipment operation, there are no health problems for the staff, or damage to the facilities.
- They do not pollute the environment.

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