



M-VAC® WET-DRY SERIES

LIQUID-RING VACUUM SYSTEMS

BULK HIGH-GRADE ORE & WASTE REMOVAL • MULTI-STAGE SEPARATION



Heavy duty bulk ore & waste removal for mine and plant
MULTI-STAGE SEPARATION

DESIGNED & MANUFACTURED BY MME

M-VAC 1700 - PORTABLE

M-VAC 3000

M-VAC 5000

M-VAC 3000 DIESEL

PRIMARY COLLECTOR BIN

FINES CYCLONE BOWL

BREAKTHROUGH MINING TECHNOLOGY

LIQUID-RING VACUUM SYSTEMS

FEATURES & SPECIFICATIONS

MULTI-STAGE SEPARATION



The mechanical automatic discharge system discharges wet and dry materials whenever the bin is full.

The bin will remain open for a maximum of 5 seconds ensuring continuous operation

AUTOMATIC DISCHARGE
PRIMARY COLLECTOR BIN



The unique design of the bowl provides cyclonic collection of fine particles and water carry-over from the collector bin.

The patented mechanical bypass system allows for uninterrupted operation during discharge

AUTOMATIC DISCHARGE
FINES CYCLONE BOWL

SPECIFICATIONS	M-VAC 1700	M-VAC 3000	M-VAC 5000
CAPACITY	3.5 tons per hour *	3.5 tons per hour *	7 tons per hour *
VOLUME	1.7 m ³ per hour	3.38 m ³ per hour	15.43 m ³ per hour
EFFECTIVE DISTANCE	150 metres	250 metres	250 metres
PARTICLE SIZE (MAX)	60 mm	75 mm	75 mm
VACUUM PRESSURE	-78 kPa 23" Hg	-81.3 kPa 24" Hg	-81.3 kPa 24" Hg
WATER FLOW RATE	45.4 l/min 2.7 m ³ /hour	145 l/min 8.1 m ³ /hour	260 l/min 15.6 m ³ /hour
SUCTION PIPE ID	100 mm	100 mm	100 mm
DIMENSIONS (LxWxH) (mm)	1400 x 900 x 700	1500 x 1500 x 1100 (Electric) 2750 x 2100 x 1900 (Diesel)	2200 x 1800 x 1300
DRIVE MOTOR	45 kW	75 kW	75 kW

* dependent on material composition

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BREAKTHROUGH MINING TECHNOLOGY