



**BUILT TOUGH
TO COLLECT
DRY OR WET**

5HP DUST COLLECTORS (DRY AND WET)



MDC-550 / MDC-550H



MWDC-550 / MWDC-550H

THE BAILEIGH ADVANTAGES

■ PERFORMANCE THAT DOESN'T BACK DOWN.

- High CFM and air velocity quickly moves particles to the collection system
- 5-Micron filter enables effective particle capture balance with effective air flow
- Large 5" ports support critical flow and velocity
- Dual-duct dry dust collector is capable of supporting multiple polishing stations

■ CLEAR THE AIR. COMMAND THE SHOP.

- Designed to work with the Baileigh Series of metal wide-belt sanders as well as a variety of other popular wide-belt polishing systems
- Large 5" ports enables a straight, smooth connection to a variety of wide-belt sanders, including many grinding and polishing stations
- With both dry and wet options, you choose the right solution for your application

■ SAFETY COMES STANDARD.

- These dust collectors provide: E-Stop, air quality compliance, 5-micron filters (dry collectors), and high-velocity flow to keep users safe and the environment clean
- Wet dust collectors capture the smallest of particles and polishing fumes
- Dry dust collector UL 1017 certified
- Both systems support your path to NFPA 660 compliance

IDEAL FOR

- Fabrication Shops
- Precision Machining Operations
- MRO & Repair Facilities



VISIT BAILEIGH.COM FOR MORE INFORMATION



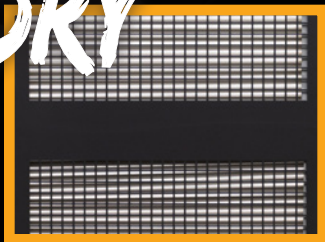
5HP DUST COLLECTORS (DRY AND WET)

DRY DUST COLLECTORS

WET DUST COLLECTORS

MODEL NO.	MDC-550	MDC-550H	MWDC-550	MWDC-550H
Stock Number	BA1-12448	BA1-12449	BA1-12450	BA1-12451
Horsepower	5 HP (3.7kW)		5 HP (3.7kW)	
Phase	3 Phase		3 Phase	
Voltage	230V	460V	230V	460V
Listed Full Load Amps	14A	7A	9A	4.5A
On/Off Switch	With removable key		With removable key	
Motor Speed	3,450 RPM		3,450 RPM	
Recommended Breaker Size	30A	15A	20A	10A
Noise Emission	85db @ 5ft from impeller		75 db @ 5ft from impeller	
Filter	5-micron paper filter		N/A	
Number of Filters	2		N/A	
Filter Dimensions (LxWxH)	19-3/8" x 25" x 1-25/32"		N/A	
Filter Efficiency	84.3% of 1-3-microns; 95.4% of 3-10-microns		N/A	
Dust Collection Bag	Non-woven material - Fireproof		N/A	
Dust Collection Bag Capacity	126L		N/A	
Collecting Drum	N/A		45L (low level limit); 70L (high level limit)	
Dust Port Inlet Diameter (in.)	5"		5"	
Air Flow Rate w/Filter	3,583 CFM @ 10" inlet; 1,487 CFM @ 5" inlet		N/A	
Air Flow Rate	N/A		3,100 CFM	
Air Flow Velocity	6,555 FPM @ 10" inlet; 10,889 FPM @ 5" inlet		15,151 FPM	
Max Static Pressure	8 in H2O		16.2 in H2O	
CSA/UL Certification	UL 1017		N/A	

DRY



TWO 5-MICRON FILTERS

Captures up to 95.4 % of 3-10 micron particles.



E-STOP (EMERGENCY STOP)

Instantly cuts power in urgent situations.



INTEGRATED CASTERS

Provides easy mobility around the shop.



DUAL INLET PORT DESIGN

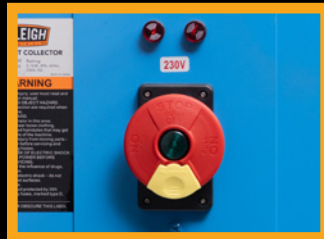
Supports multiple machine attachments.

WET



WATER LEVEL INDICATOR

Easy view window with low and high level marks.



E-STOP (EMERGENCY STOP)

Instantly cuts power in urgent situations.



INTEGRATED CASTERS

Provides easy mobility around the shop.



DURABLE STEEL SEPARATOR

Removes mist from scrubbed air flow enabling clean exhaust.

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