



GET OSHA COMPLIANT

COMPLIANT PRODUCTS TO OSHA CRYSTALLINE SILICA RULE 29 CFR 1926.1153

[makitatools.com/dustmanagement](https://www.makitatools.com/dustmanagement)

OCCUPATIONAL EXPOSURE TO RESPIRABLE CRYSTALLINE SILICA

RULE 29 CFR 1926.1153

OSHA is amending its existing standards for occupational exposure to respirable crystalline silica. OSHA has determined that employees exposed to respirable crystalline silica at the previous Permissible Exposure Limits face a significant risk of material impairment to their health. The evidence in the record for this rulemaking indicates that workers exposed to respirable crystalline silica are at increased risk of developing silicosis and other non-malignant respiratory diseases, lung cancer, and kidney disease. This final rule establishes a new permissible exposure limit and Specific Exposure Control Methods.

COMPLIANCE SCHEDULE – Standards took effect on June 23 of 2016, after which industries must comply, based on the following schedule:

ENFORCEMENT & COMPLIANCE:

- Construction - September 23, 2017, 15 months after the effective date
- General Industry and Maritime - September 23, 2018, two years after the effective date

KEY PROVISIONS OF OSHA RULE 1926.1153

Reduces the permissible exposure limit (PEL) for respirable crystalline silica to 50 micrograms per cubic meter of air, averaged over an 8-hour shift.

Requires employers to: use engineering controls (such as water or ventilation) to limit worker exposure to the PEL; provide respirators when engineering controls cannot adequately limit exposure; limit worker access to high exposure areas; develop a written exposure control plan and train workers on silica risks and how to limit exposures.

Provides flexibility to protect workers from silica exposure and provides medical exams to monitor highly exposed workers.

Employers can apply 1 of 3 options for compliance: Option 1 Specified Exposure Control method provided in Table 1 of the standard or Alternate Exposure Control methods options 2 and 3 which both require workers' exposure to silica to be below the Permissible Exposure Limit.

METHODS OF COMPLIANCE

OPTION
1

SPECIFIED EXPOSURE CONTROL METHODS: For each employee engaged in a task identified on Table 1, the employer shall fully and properly implement the engineering controls, work practices, and respiratory protection specified for the task on Table 1.

ALTERNATIVE EXPOSURE CONTROL METHODS: For tasks not listed in Table 1, or where the employer does not fully and properly implement the engineering controls, work practices, and respiratory protection described in Table 1.

OPTION
2

PERFORMANCE OPTION: The employer shall assess the 8-hour Time-Weighted Average (TWA) exposure for each employee on the basis of any combination of air monitoring data or objective data sufficient to accurately characterize employee exposures to respirable crystalline silica.

OPTION
3

SCHEDULED SELF-MONITORING: If a control method is not listed on Table 1 and no objective data is available, OSHA requires employers implement a monitoring program to show that the employees have exposure levels below the PEL. The employer shall perform initial monitoring to assess the 8-hour TWA exposure for each employee on the basis of one or more personal breathing zone air samples that reflect the exposures of employees on each shift, for each job classification, in each work area.

SPECIFIED EXPOSURE CONTROL METHOD

Table 1 identifies 18 common construction tasks that generate high exposures to respirable crystalline silica and for each task, specifies engineering controls, work practices and respiratory protection that effectively protect workers.

Employers who fully and properly implement the controls and practices specified in Table 1 **ARE NOT REQUIRED** to measure silica exposure to verify that levels are at or below the PEL for workers engaged in the Table 1 task.

KEY REQUIREMENTS:

- Use commercially available water delivery system or dust shroud
- Operate and maintain tool in accordance with manufacturer's instructions to minimize dust emissions
- Dust collector must have a filter with 99% or greater efficiency and a filter-cleaning mechanism
- Dust collector must provide 25 CFM or greater of airflow per inch of wheel diameter
- Where applicable, respiratory equipment may be required under certain conditions



WORLD LEADING PRODUCT INNOVATION

BUILD A DUST EXTRACTION SOLUTION FOR YOUR JOB SITE

Today there is new demand for more solutions to reduce concrete silica dust on the job site. Makita® has an expanding dust extraction system with vacuums, accessories and attachments for use in concrete drilling, breaking, surfacing and cutting applications. Makita® provides the options you need to build an OSHA compliant system for your job site, even if the job takes you away from a power source. Makita® is the leader in cordless technology, so build a system powered by 18V LXT® batteries and benefit from the expansive breadth-of-line of the world's largest 18V cordless tool system. If you're near a power source, plug in with Makita® corded dust extractors that combine top performance metrics with lower noise, less weight, and longer service life.

COMPONENTS OF A DUST MANAGEMENT SYSTEM

1 DETERMINE YOUR APPLICATION



2 CHOOSE YOUR TOOL NEED (CORDLESS OR CORDED)



3 IDENTIFY YOUR REQUIRED DUST EXTRACTION ATTACHMENT



4 CHOOSE YOUR DUST EXTRACTOR



5 IDENTIFY YOUR CONNECTION ACCESSORIES



DUST EXTRACTION SOLUTIONS OVERVIEW

From the integrated convenience of the XRH01 used with DX01 On-Board Dust Extractor to the peak-performance and versatility of the VC4710 12 gallon Xtract Vac, Makita offers a robust-line of dust management solutions designed to meet your application needs. With both corded and cordless options, Makita delivers innovative and flexible technology that allows you to work effectively while reducing concrete silica dust on the job site.





CORDLESS BACKPACK DESIGN

POWERFUL SUCTION IN A LIGHTWEIGHT AND MOBILE DESIGN



39" flexible hose for extended reach and comfort

HEPA filter

Powerful brushless motor generates 53 CFM of suction power and 28.5" of water lift

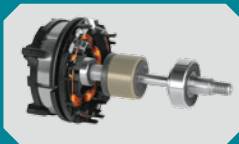
Padded shoulder straps and waist belt with multiple adjustments for improved fit

Up to 90 minutes of continuous operation on low setting and 60 minutes on high setting using two 18V LXT® 5.0Ah batteries (BL1850) (Batteries not included)

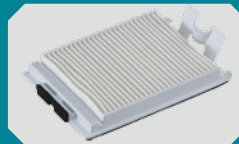
Built-in L.E.D. on the controller illuminates the work area

Push button power selection controller for (high/low) operation; attaches to waist belt of the harness

LXT® X2 18V + 18V 36V BRUSHLESS



POWER
Powerful BL™ Brushless Motor generates 53 CFM of suction power and 28.5" of water lift



EFFICIENCY
Two stage HEPA filtration system captures 99.97% of particulates .3 microns and larger



CONVENIENCE
Convenient and easy to replace disposable half-gallon filter dust bag (Part # 197902-0)

SPECIFICATIONS

Air Flow Rate	53 CFM
Static Water Lift	28.5"
Battery	2X 18V LXT® Lithium-Ion
Continuous Use (max, in minutes)**	90 min.
HEPA filter	Yes
Equipped Filter Efficiency	99.97% of .3 microns
Working Sound Level	70 dB(A)
Gross Container Size5 gal.
Overall Length	14-3/4"

XCV05PT Includes: Cleaning accessories, (2) BL1850B batteries and (1) DC18RD dual-port charger. XCV05Z Includes: Cleaning accessories (batteries and charger not included)

XCV05PT / XCV05Z

18V X2 LXT® (36V) BL™ BACKPACK DUST EXTRACTOR/VACUUM KIT

The Makita 18V X2 LXT® Lithium-Ion (36V) Brushless Cordless 1/2 Gallon HEPA Filter Backpack Dry Vacuum is a powerful and portable clean-up solution that eliminates extension cords that trail corded backpack vacuums. It's also a powerful and portable dust extraction solution for contractors that bridges the gap between low-capacity on-board dust extraction systems and larger capacity but less portable wheeled canister job site vacuums. The XCV05PT is ideal for cleaning crews, as well as for construction applications when used as part of a dust extraction system (tool connecting adapters sold separately).

*Compliant under Option 2, Objective Data of the OSHA standard for Occupational Exposure to Respirable Crystalline Silica (rule 1926.1153) when dust extractor is operated with the tested tool model and operated under conditions tested by Makita®. To see the test procedures go to makitatools.com/dustmanagement.

**Up to 90 minutes of continuous run-time on low setting using two 18V LXT® 5.0Ah batteries BL1850B (batteries not included)

ULTIMATE VERSATILITY WITH CORDLESS/CORDED POWER OPTION

XCV04Z

18V X2 LXT® (36V) HEPA Filter Dry Dust Extractor/
Vacuum (Tool Only)

- Powerful Makita-built motor delivers 127 CFM and 96" water lift of suction using corded power
- Powerful Makita-built motor delivers 74 CFM and 36" water lift of suction using two 18V LXT® Lithium-Ion batteries (batteries not included)
- Efficient three stage HEPA filtration system captures 99.97% of particulates .3 microns and larger extending the life of the main filter

BATTERY	2X 18V LXT® LITHIUM-ION
AIR FLOW RATE	127 CFM
STATIC WATER LIFT	96"
CONTINUOUS USE (MAX, IN MINUTES)**	65 MIN.
FILTER CLEANING	YES
HEPA FILTER	YES
EQUIPPED FILTER EFFICIENCY	99.97% OF .3 MICRONS
NET WEIGHT (WITH BATTERY)	21.8 LBS.

XCV04Z Includes: Cleaning accessories (batteries and charger not included)



LXT X2 18V + 18V 36V

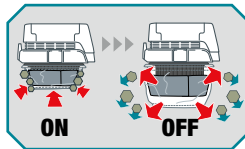
GET **OSHA** COMPLIANT*

HEPA filter

HYBRID
11 18V
CORDLESS OR CORDED



POWER
Delivers 127 CFM and 96" water lift using corded power



FILTER CLEANING
Filter cleaning system is designed to maintain optimal suction efficiency



EFFICIENCY
Three stage HEPA filtration system captures 99.97% of particulates .3 microns and larger

*XCV04 Dust extractor must be utilized in AC mode (plugged into power outlet) in order to achieve the CFM requirement for concrete cutting or grinding application with wheels up to 5".

**Up to 65 minutes of continuous run time on low setting using two 18V LXT® Lithium-Ion 5.0Ah batteries BL1850B (batteries not included)

COMBINES BRUSHLESS MOTOR TECHNOLOGY WITH ON-BOARD DUST EXTRACTION - WITHOUT THE CORD

XRH011TX / XRH01ZVX

18V LXT® Brushless 1" Rotary Hammer Kit
w/ HEPA Vacuum Attachment, SDS-PLUS

- The built-on vacuum attachment captures concrete dust during drilling and is activated by the tool for operator convenience
- Vacuum powered by separate motor to maintain tool drilling performance, and provide a 2-second delay to help capture remaining concrete dust
- Efficient HEPA filtration system captures 99.97% of particulates .3 microns and larger with filter 197556-3

AUTO SHUT OFF TIME	AFTER 2 SECONDS
EQUIPPED FILTER EFFICIENCY	99.97% OF .3 MICRONS
HEPA FILTER	YES
ADJUSTABLE DEPTH STOPS	YES
MAX. HOLE DEPTH	3-3/4"
OVERALL LENGTH	17-1/2"

XRH011TX Includes: DX01 dust extractor attachment, (2) BL1850B batteries and (1) DC18RC charger. XRH01ZVX Includes: DX01 dust extractor attachment (batteries and charger not included)



Accepts SDS-PLUS

GET **OSHA** COMPLIANT*

HEPA filter

ALSO AVAILABLE



XRH01ZVX
18V LXT® Brushless 1" Rotary Hammer w/ HEPA Vacuum Attachment (Tool Only)



DX01
Dust Extractor Attachment with HEPA Filter

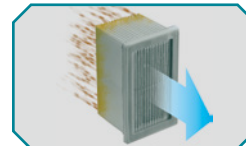
LXT BRUSHLESS



TECHNOLOGY
Efficient BL™ Brushless motor optimizes battery energy use for up to 50% longer run time per charge



DUST MANAGEMENT
The built-on vacuum attachment captures concrete dust during drilling and is activated by the tool



EFFICIENCY
HEPA filtration system captures 99.97% of particulates .3 microns and larger with filter 197556-3

*Compliant under Option 2, Objective Data of the OSHA standard for Occupational Exposure to Respirable Crystalline Silica (rule 1926.1153) when dust extractor is operated with the tested tool model and operated under conditions tested by Makita®. To see the test procedures go to makitatools.com/dustmanagement.



SETTING A NEW STANDARD

FOR DUST MANAGEMENT ON THE JOB SITE



Accessory storage

Onboard tool activated outlet

Powerful 135 CFM
92" water lift



P-79859
HEPA Filter Available
(not included)

Variable control speed dial

Lower noise only 59 dB(A)

Wide-set durable polyurethane wheels

Enlarged steel casters



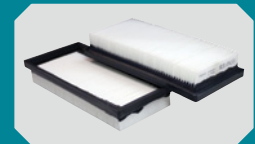
POWER

12 AMP motor generates 135 CFM of suction power to take on the most challenging applications



FILTER CLEANING

Automatic Filter Cleaning System with blow-back feature for longer filter



EFFICIENCY

Included: Efficient main nano filter set (captures 99.95% particles 2 microns and larger)

SPECIFICATIONS

AMPS	12
Air Flow Rate	135 CFM
Static Water Lift	92"
Filter Cleaning	Yes
HEPA filter	Optional
Equipped Filter Efficiency	99.95% of 2 microns
Gross Container Size	12 gal.
Dry Capacity	9 gal
Wet Capacity	8 gal.
Working Sound Level	59 dB(A)
Dry Weight	27 lbs.
Dimensions (LxWxH)	15" x 17-3/4" x 29-5/8"

VC4710 Includes: Main Flat Filters, 2/pk, 1-3/8"x16" Anti-Static Hose, Crevice Nozzle, Tool Cuff Adapter, Fleece Nano Filter Bag, Disposable Bag

VC4710

12 GALLON XTRACT VAC® WET/DRY DUST EXTRACTOR/VACUUM

The Xtract Vac® (model VC4710) is at the center of Makita's growing dust collection system, and with an extensive range of features the VC4710 is a top performer in the jobsite vacuum category. This is a best-in-class solution for dust extraction in concrete and woodworking applications. The VC4710 is powered by a 12 AMP motor that generates 135 CFM of suction power and 92" of water lift to take on the most challenging applications. In addition, precision lightweight motor components and more efficient air ducting allowed engineers to reduce the weight to only 27 lbs. For improved stability, the VC4710 has wide-set urethane rear wheels and enlarged steel caster front wheels to create a lower center of gravity for improved stability and easier movement.

DRILLING APPLICATIONS

OSHA RULE TABLE 1: HANDHELD AND STAND-MOUNTED DRILLS



MAKITA® DUST EXTRACTION OSHA COMPLIANT SOLUTIONS

SDS-PLUS / SDS-MAX DRILLING (COMPATIBLE CORDLESS DUST EXTRACTORS)













APPLICATION	APPLICABLE TOOLS	DUST ATTACHMENT	CONNECTION ADAPTER	DUST EXTRACTOR	OSHA 29 CFR 1926.1153 COMPLIANT
 SDS-PLUS Drilling	XRH011X, XRH01ZVX, XRH011TX	N/A	N/A	DX01 - Dust Extractor with HEPA Filter 	YES Option 2, Performance (Objective Data)**
 SDS-PLUS Drilling	HR2661, HR2651	N/A	N/A	135905-6 Dust Extractor 	
 SDS-PLUS Drilling	XRH03Z, XRH04Z, XRH05Z, XRH06Z, RH01Z, HR2475, HR2641, HR2811F XRH06RB	193472-7 Dust Extraction Attachment 198362-9 Dust Extraction Cup	417765-1 Tool Cuff Adapter, 22mm for 1" Hose 	XCV05 18V X2 LXT® (36V) Cordless 1/2 Gal. HEPA Filter Backpack Dry Dust Extractor 	
 SDS-PLUS Drilling	XRH01, XRH03, XRH04, XRH05, HR2641, HR2475, HR2811F	193472-7 Dust Extraction Attachment 		XCV04Z 18V X2 LXT® (36V) Cordless/Corded 2.1 Gallon HEPA Filter Dry Dust Extractor/Vacuum 	YES Option 1, Under Table 1 of Specified Exposure Control Methods*
 SDS-PLUS Drilling	XRH01, HR2641	195173-3 Dust Extraction Cup 			
 SDS-MAX Drilling	HR4002, HR4510C	196074-8 Dust Extraction Attachment 	-	XCV07ZX 18V X2 LXT® (36V) Brushless Cordless 2.1 Gallon HEPA Filter Dry Dust Extractor/Vacuum 	
 SDS-MAX Drilling	HR4013C	196537-4 Dust Extraction Attachment 			
 SDS-MAX Drilling	HR5212C	196858-4 Dust Extraction Attachment 			

*Additionally HEPA filtered vacuum is required when cleaning holes.

**Compliant under Option 2, Objective Data of the OSHA standard for Occupational Exposure to Respirable Crystalline Silica (rule 1926.1153) when dust extractor is operated with the tested tool model and operated under conditions tested by Makita®. To see the test procedures go to makitatools.com/dustmanagement.

Note: To ensure performance, verify that any engineer controls (accessory-components used with the dust collector/vacuum such as dust shrouds, dust extraction attachments, connectors) are used per manufacturer instructions and are securely attached to a compliant vacuum.

SDS-PLUS / SDS-MAX DRILLING (COMPATIBLE CORDED DUST EXTRACTORS)

APPLICATION	APPLICABLE TOOLS	DUST ATTACHMENT	CONNECTION ADAPTER	DUST EXTRACTOR	OSHA 29 CFR 1926.1153 COMPLIANT
SDS-PLUS Drilling 	XRH01, XRH03, XRH04, XRH05, HR2475, HR2641, HR2811F	193472-7 Dust Extraction Attachment 	192108-A 3/4"x10' Connector Hose 	VC4710 12 Gallon Xtract Vac® Wet/Dry Dust Extractor 	YES Option 1, Under Table 1 of Specified Exposure Control Methods*
	XRH01, HR2641	195173-3 Dust Extraction Cup 			
SDS-MAX Drilling 	HR4002, HR4510C	196074-8 Dust Extraction Attachment 			
	HR4013C	196537-4 Dust Extraction Attachment 			
	HR5212C	196858-4 Dust Extraction Attachment 			

*Additionally HEPA filtered vacuum is required when cleaning holes.

Note: To ensure performance, verify that any engineer controls (accessory-components used with the dust collector/vacuum such as dust shrouds, dust extraction attachments, connectors) are used per manufacturer instructions and are securely attached to a compliant vacuum.

DRILLING (DUST EXTRACTION ATTACHMENTS)



193472-7 Dust Extraction Attachment, SDS-PLUS

- Depth stop adjustment allows drilling up to 4" deep and bits up to 3/4"
- Telescoping spring loaded barrel provides job site durability



Accepts up to 3/4" bit in diameter and mounts in side handle depth rod holder



195173-3 Dust Extraction Cup, SDS-PLUS

- For use with the Makita Rotary Hammers for powerful suction and dust extraction
- Ideal for overhead drilling applications



Attaches quickly and easily for added user convenience



Dust port connects directly to Makita® hose 192108-A



196074-8 Dust Extraction Attachment, SDS-MAX

- Includes attachments for drilling and demolition applications
- Replaceable nozzle tips help to protect boot from excessive wear



Shown with demolition boot



Shown with drilling boot



196537-4 / 196858-4 Dust Attachment, SDS-MAX

- Includes attachments for drilling and demolition applications
- Replaceable nozzle tips help protect boot from excessive wear



Includes both drilling and demolition boots



Part of Makita's expanding line-up of dust extraction solutions













CHIPPING / DEMOLITION APPLICATIONS

OSHA RULE TABLE 1: JACKHAMMERS & HANDHELD POWERED CHIPPING TOOLS

MAKITA® DUST EXTRACTION OSHA COMPLIANT SOLUTIONS













MEDIUM DUTY CHIPPING / DEMOLITION (COMPATIBLE CORDLESS DUST EXTRACTORS)

APPLICATION	APPLICABLE TOOLS	DUST ATTACHMENT	DUST EXTRACTOR	OSHA 29 CFR 1926.1153 COMPLIANT
 <p>Medium Duty Chipping</p>	HR4002, HR4510C	196074-8 Dust Extraction Attachment 	 <p>XCV04Z 18V X2 LXT® (36V) Cordless/ Corded 2.1 Gallon HEPA Filter Dry Dust Extractor/Vacuum</p> <p>XCV07ZX 18V X2 LXT® (36V) Brushless Cordless 2.1 Gallon HEPA Filter Dry Dust Extractor/Vacuum</p>	<p>YES Option 1, Under Table 1 of Specified Exposure Control Methods</p>
	HR4013C	196537-4 Dust Extraction Attachment 		
	HR5212C	196858-4 Dust Extraction Attachment 		
	HM0870C, HM1111C, HR4002, HR4510C, HR4013C, HR4041C	196571-4 Dust Extraction Attachment, Demolition 		
	HM1203C, HM1214C			
 <p>Heavy Duty Demolition</p>	HM1307CB, HM1317CB, HM1810, HM1812	197172-1 Dust Extraction Attachment, 1-1/8" Hex Shank, Demolition 		

Note: To ensure performance, verify that any engineer controls (accessory-components used with the dust collector/vacuum such as dust shrouds, dust extraction attachments, connectors) are used per manufacturer instructions and are securely attached to a compliant vacuum.

MEDIUM DUTY & HEAVY DUTY CHIPPING / DEMO (COMPATIBLE CORDED DUST EXTRACTORS)

APPLICATION	APPLICABLE TOOLS	DUST ATTACHMENT	CONNECTION ADAPTER	DUST EXTRACTOR	OSHA 29 CFR 1926.1153 COMPLIANT
Medium Duty Chipping 	HR4002, HR4510C	196074-8 Dust Extraction Attachment 	192108-A 3/4"x10' Connector Hose 	VC4710 12 Gallon Xtract Vac® Wet/Dry Dust Extractor 	YES Option 1, Under Table 1 of Specified Exposure Control Methods
	HR4013C	196537-4 Dust Extraction Attachment 			
	HR5212C	196858-4 Dust Extraction Attachment 			
Heavy Duty Demolition 	HM0870C, HM1111C, HR4002, HR4510C, HR4041C	196571-4 Dust Extraction Attachment Demolition 			
	HM1203C, HM1214C, HR5212C				
	HM1307CB, HM1317CB, HM1810, HM1812	197172-1 Dust Extraction Attachment, 1-1/8" Hex Shank, Demolition 			

Note: To ensure performance, verify that any engineer controls (accessory-components used with the dust collector/vacuum such as dust shrouds, dust extraction attachments, connectors) are used per manufacturer instructions and are securely attached to a compliant vacuum.

CHIPPING / DEMO (DUST EXTRACTION ATTACHMENTS)



196074-8
Dust Extraction Attachment, SDS-MAX

- Includes attachments for drilling and demolition applications
- Replaceable nozzle tips help to protect boot from excessive wear
- Vibration absorbing handle for increased comfort on the job



Includes attachments for drilling and demolition applications



Vibration absorbing handle for increased comfort on the job



196571-4
Dust Extraction Attachment, SDS-MAX

- Ideal for use in concrete demolition applications
- Use with bull point or chisel bits
- Hose holders help keep hose out of the way of the operator for convenience



For use with rotary or demolition hammers that accept SDS-MAX as well as Spline and 3/4" Hex bits



Hose holders help keep hose out of the way of the operator for convenience




197172-1
Dust Extraction Attachment, 1-1/8" Hex

- Attaches directly to 1-1/8" demolition bits 1" to 4" from the surface being demolished for efficient dust extraction
- Convenient hose holders keep the hose out of the way during use
- Large opening allows for maximum dust extraction



For use with demolition hammers that utilize 1-1/8" hex shank bits



Part of Makita's expanding line-up of dust extraction solutions, including the Xtract Vac® model VC4710 (sold separately)













CUTTING / TUCK-POINTING APPLICATIONS

OSHA RULE TABLE 1: HANDHELD GRINDERS FOR MORTAR REMOVAL

MAKITA® DUST EXTRACTION OSHA COMPLIANT SOLUTIONS










4-1/2" – 5" CUTTING / TUCK-POINTING (COMPATIBLE CORDLESS DUST EXTRACTORS)

APPLICATION	APPLICABLE TOOLS	DUST ATTACHMENT	CONNECTION ADAPTER	DUST EXTRACTOR	OSHA 29 CFR 1926.1153 COMPLIANT
 4-1/2" – 5" Cutting / Tuck-Pointing	9557 Series, 956 Series, GA502 Series, XAG03, XAG04, XAG09, XAG11	196846-1 5" Dust Extraction Tuck Point Guard 	-	XCV04Z 18V X2 LXT® (36V) Cordless/ Corded 2.1 Gallon HEPA Filter Dry Dust Extractor/Vacuum 	YES Option 1, Under Table 1 of Specified Exposure Control Methods*
	SJSII: GA5042C, GA4542C	196845-3 5" Dust Extraction Tuck Point Guard 			
	9557 Series, 956 Series, GA502 Series, XAG03, XAG04, XAG09, XAG11	192618-2 5" Dust Extraction Cutting Guard 			
	9557 Series, 956 Series, GA502 Series, XAG03, XAG04, XAG09, XAG11	193794-5 5" Dust Extraction Cutting Guard 			
 4-1/2" – 5" Cutting / Tuck-Pointing	9557 Series, 956 Series, GA502 Series	196846-1 5" Dust Extraction Tuck Point Guard 	-	VC4710 12 Gallon Xtract Vac® Wet/Dry Dust Extractor 	YES Option 1, Under Table 1 of Specified Exposure Control Methods
	SJSII: GA5042C, GA4542C	196845-3 5" Dust Extraction Tuck Point Guard 			
	9557 Series, 956 Series, GA502 Series	193794-5 5" Dust Extraction Cutting Guard 			
	9557 Series, 956 Series, GA502 Series	192618-2 5" Dust Extraction Cutting Guard 			

*XCV04 Dust extractor must be utilized in AC mode (plugged into power outlet) in order to achieve the CFM requirement for this application.

Note: To ensure performance, verify that any engineer controls (accessory-components used with the dust collector/vacuum such as dust shrouds, dust extraction attachments, connectors) are used per manufacturer instructions and are securely attached to a compliant vacuum.

SAWING (WATER CONTAINMENT)

APPLICATION	APPLICABLE TOOLS	WATER ATTACHMENT	POWER CUTTER DOLLY	WATER CONTAINMENT	WATER CONNECTION	OSHA 29 CFR 1926.1153 COMPLIANT
Concrete Sawing  EK7651H Premium Performance	EK7651H	195533-9	 DT4000			
 EK7301 Power Performance  EK8100 Capacity Performance	EK7301, EK8100	-	 DT2010	988-394-610 2.6 Gallon Pressurized Water Tank  (Power cutter dolly not required for use)	YES Direct Water Hose Connection	YES Option 1, Under Table 1 of Specified Exposure Control Methods
 EK6101 Compact Performance	EK6101	-	-			

Note: To ensure performance, verify that any engineer controls (accessory-components used with the dust collector/vacuum such as dust shrouds, dust extraction attachments, connectors) are used per manufacturer instructions and are securely attached to a compliant vacuum.

CUTTING / TUCK-POINTING (DUST EXTRACTION ATTACHMENTS)



196846-1 / 196845-3
5" Dust Extraction Tuck Point Guard

- Easily adjustable depth setting for quick changes
- Adjustable depth stops for added user convenience
- Clear viewing window for improved visibility



Fully featured tuck point guard for precision cutting and maximum dust extraction



Adjustable depth setting for quick changes



193794-5
5" Dust Extraction Cutting Guard

- Designed for dust extraction during cutting applications
- Durable construction for longer life
- Installs quickly and easily



Quick clean-ups during cutting applications



For use with select Makita 4-1/2" and 5" Angle Grinders



192618-2
5" Dust Extraction Cutting Guard

- Designed for dust extraction during cutting applications
- Durable construction for longer life
- Installs quickly for added user convenience



Lightweight cast aluminum, large lip for stable plunging



For use with select Makita® 4-1/2" & 5" Angle Grinders











GRINDING / SURFACING APPLICATIONS

OSHA RULE TABLE 1: HANDHELD GRINDERS FOR USES OTHER THAN MORTAR REMOVAL

MAKITA® DUST EXTRACTION OSHA COMPLIANT SOLUTIONS



4-1/2" – 7" GRINDING / SURFACING (COMPATIBLE CORDLESS & CORDED DUST EXTRACTORS)


APPLICATION	APPLICABLE TOOLS	DUST ATTACHMENT	DUST EXTRACTOR	OSHA 29 CFR 1926.1153 COMPLIANT
 4-1/2" – 5" Grinding / Surfacing	9557 Series, 956 Series, GA502 Series, XAG03, XAG04, XAG09, XAG11	195236-5 4-1/2" / 5" Dust Extraction Surface Grinding Shroud 	XCVO4Z 18V X2 LXT® (36V) Cordless/ Corded 2.1 Gallon HEPA Filter Dry Dust Extractor/Vacuum 	YES Option 1, Under Table 1 of Specified Exposure Control Methods*
	PC5000C, PC5001C	Integrated	VC4710 12 Gallon Xtract Vac® Wet/Dry Dust Extractor 	
	9557 Series, 956 Series, GA502 Series, XAG03, XAG04, XAG09, XAG11	195236-5 4-1/2" / 5" Dust Extraction Surface Grinding Shroud 		
	PC5000C, PC5001C	Integrated		
 7" Grinding / Surfacing	GA7011C, GA7040S, GA9040S	195386-6 7" Dust Extraction Surface Grinding Shroud 	YES Option 2, Performance (Objective Data)**	

*XCVO4 Dust extractor must be utilized in AC mode (plugged into power outlet) in order to achieve the CFM requirement for this application.

**Compliant under Option 2, Objective Data of the OSHA standard for Occupational Exposure to Respirable Crystalline Silica (rule 1926.1153) when dust extractor is operated with the tested tool model and operated under conditions tested by Makita®. To see the test procedures go to makitatools.com/dustmanagement.

Note: To ensure performance, verify that any engineer controls (accessory-components used with the dust collector/vacuum such as dust shrouds, dust extraction attachments, connectors) are used per manufacturer instructions and are securely attached to a compliant vacuum.

GRINDING / SURFACING (DUST EXTRACTOR ATTACHMENTS)




(4-1/2" – 5")
195236-5

(7")
195386-6


195236-5 / 195386-6
4-1/2" - 7" Dust Extraction Surface Grinding Shroud

- Soft brushes help prevent dust from escaping and help move the tool over the surface
- 4-spring suspension system keeps shroud flush with surface during movement
- Removable edge piece allows surface work flush to other objects

195386-6 works with GA7011C, GA7040S, GA9040S



Standard hose fitting will work with most vacuum systems














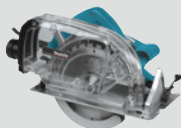


Removable front cap for flush to wall grinding

DRYWALL CUTTING APPLICATIONS

NOT APPLICABLE TO OSHA RESPIRABLE CRYSTALLINE SILICA RULES

DRYWALL CUTTING (COMPATIBLE CORDLESS & CORDED DUST EXTRACTORS)

APPLICATION	APPLICABLE TOOLS	DUST ATTACHMENT	CONNECTION ADAPTER	DUST EXTRACTOR	OSHA 29 CFR 1926.1153 COMPLIANT
Drywall Cutting 	XDS01	Integrated	417765-1 Tool Cuff Adapter, 22mm for 1" Hose 	XCV05 18V X2 LXT® (36V) Cordless 1/2 Gal. HEPA Filter Backpack Dry Dust Extractor 	N/A
	XOC01, 3706	193449-2 Dust Extraction Cut-Out Base 			N/A
	XDS01	Integrated	-	XCV04 18V X2 LXT® (36V) Cordless/ Corded 2.1 Gal. HEPA Filter Dry Dust Extractor 	N/A
	XOC01, 3706	193449-2 Dust Extraction Cut-Out Base 			N/A
	XDS01	Integrated	192108-A Connector Hose 3/4"x10' 	VC4710 12 Gallon Xtract Vac® Wet/Dry Dust Extractor 	N/A
	XOC01, 3706	193449-2 Dust Extraction Cut-Out Base 			N/A

APPLICATION	APPLICABLE TOOLS	DUST ATTACHMENT	DUST EXTRACTOR	OSHA 29 CFR 1926.1153 COMPLIANT
Fiber-Cement Board Cutting 	5057KB	Integrated	XCV04 18V X2 LXT® (36V) Cordless/ Corded 2.1 Gal. HEPA Filter Dry Dust Extractor 	YES Option 1, Under Table 1 of Specified Exposure Control Methods
			VC4710 12 Gallon Xtract Vac® Wet/Dry Dust Extractor 	

COMPLIANCE STARTS WITH MAKITA®



HELPING YOU MANAGE CONCRETE DUST AND OSHA COMPLIANCE

APPLICATION	APPLICABLE TOOLS	DUST ATTACHMENT	CONNECTION ADAPTER	DUST EXTRACTOR	OSHA 29 CFR 1926.1153 COMPLIANT
DRILLING / CHIPPING / DEMOLITION	XRH01, XRH03, XRH04, XRH05, HR2641, HR2475, HR2811F		193472-7 Dust Extraction Attachment	192108-A 3/4"x10' Connector Hose	VC4710 12 Gallon Xtract Vac® Wet/Dry Dust Extractor
	XRH01, HR2641		195173-3 Dust Extraction Cup		
	HR4002, HR4510C		196074-8 Dust Extraction Attachment		
	HR4013C		196537-4 Dust Extraction Attachment		
	HR5212C		196858-4 Dust Extraction Attachment, Demolition		
	HM0870C, HM1111C, HR4002, HR4510C, HR4041C		196571-4 Dust Extraction Attachment, Demolition		
	HM1203C, HM1214C, HR5212C				
HM1307CB, HM1317CB, HM1810, HM1812		197172-1 Dust Extraction Attachment, 1-1/8" Hex Shank, Demolition			
CUTTING/TUCK-POINTING	9557 Series, 956 Series, GA502 Series		196846-1 5" Dust Extraction Tuck Point Guard	192108-A 3/4"x10' Connector Hose	YES Option 1, Under Table 1 of Specified Exposure Control Methods
	SJSII: GA5042C, GA4542C		196845-3 5" Dust Extraction Tuck Point Guard		
	9557 Series, 956 Series, GA502 Series		193794-5 5" Dust Extraction Cutting Guard		
	9557 Series, 956 Series, GA502 Series		192618-2 5" Dust Extraction Cutting Guard		
GRINDING/SURFACING	9557 Series, 956 Series, GA502 Series, XAG03, XAG04, XAG09, XAG11		195236-5 4-1/2"/5" Dust Extraction Surface Grinding Shroud	192108-A 3/4"x10' Connector Hose	YES Option 1, Under Table 1 of Specified Exposure Control Methods
	PC5000C, PC5001C		Integrated		
	GA7011C, GA7040S, GA9040S		195386-6 7" Dust Extraction Surface Grinding Shroud		
DRYWALL CUTTING	XDS01		Integrated	192108-A Connector Hose 3/4" x 10'	N/A
	XOC01, 3706		193449-2 Dust Extraction Cut-Out Base		

*Additionally HEPA filtered vacuum is required when cleaning holes.

**Compliant under Option 2, Objective Data of the OSHA standard for Occupational Exposure to Respirable Crystalline Silica (rule 1926.1153) when dust extractor is operated with the tested tool model and operated under conditions tested by Makita®. To see the test procedures go to makitatools.com/dustmanagement.



makitatools.com/dustmanagement

Note: To ensure performance, verify that any engineer controls (accessory-components used with the dust collector/vacuum such as dust shrouds, dust extraction attachments, connectors) are used per manufacturer instructions and are securely attached to a compliant vacuum.

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