

GUARDA EDGE POWERCUTTER

Set Up Options

Read operating manual carefully and make sure you understand them before using the machine. Failure to do so could result in serious injury, property damage or death.

PATENTS PENDING



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GUARDA
WORK HARD. BREATHE EASY.

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Option comparison Chart

	Option 1 With Guarda Electric Exhaust Vacuum	Option 2 With Guarda Vacuum Generator	Option 3 (2 motor) With Standard 2 motor wet vacuum with Slurry Interceptor	Option 3 (3 motor) With Standard 3 motor wet vacuum with slurry interceptor	Option 4 (2 motor) With Standard 2 motor wet vacuum	Option 4 (3 motor) With Standard 3 motor wet vacuum
Application	- Good for multiple applications (including high rise) - Only regular power required (10 Amp) - Cost effective - Hose length (up to 65m/215ft)	- Good for civil works & outdoor applications - No electricity required - Hose length (up to 55m/180ft)	- Good if you already have a wet vacuum - Only regular power required (10 Amp) - Hose length (up to 35m/115ft)	- Good if you already have a wet vacuum - More hose length than the 2 motor option - 15 Amp power required - Hose length (up to 45m/145ft)	- Good if you already have a wet vacuum - Only regular power required (10 Amp) - Limited hose length (up to 15m/50ft)	- Good if you already have a wet vacuum - More hose length than the 2 motor option - 15 Amp power required - Limited hose length (up to 20m/65ft)
Page Number	3	4	5	5	6	6
Edge Powercutter	YES	YES	YES	YES	YES	YES
Vacuum placement	INSIDE / OUTSIDE	OUTSIDE	OUTSIDE	OUTSIDE	OUTSIDE	OUTSIDE
Pressured water	YES	YES	YES	YES	YES	YES
Max. length (38mm/1.5") slurry hose from Edge Powercutter	5m / 15 feet	5m / 15 feet	5m / 15 feet	5m / 15 feet	15m / 50 feet	20m / 65 feet
Slurry Interceptor required	NO	YES	YES	YES	NO	NO
Electricity required	10Amp	N/A	10Amp	15Amp	10Amp	15Amp
Max. length (50mm/2") exhaust hose	60m / 200 feet	50m / 165 feet	30m / 100 feet	40m / 130 feet	N/A	N/A
Max. combined hose length (from saw to exhaust outlet)	65m / 215 feet	55 m / 180 feet	35m / 115 feet	45m / 145 feet	15m / 50 feet	20m / 65 feet



Air volume can be quickly lost depending on hose length and the size and type of hose. It is recommended you use Guarda hoses and keep within the size and length guideline mentioned in the various setups



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Set up option 1 - With Guarda Electric Exhaust Vacuum



What is required?

- A) Guarda Edge Power Cutter C) Pressured Water Supply E) 38mm/1.5" Guarda Slurry Hose*
 B) Guarda Electric Exhaust Vacuum D) Power Outlet 220V/10A F) 50mm/2" Guarda Exhaust Hose**
(Comes with Kevlar connecting hose) *(Max. length 5m/15ft) **(Max. length 60m/200ft)

Set up procedure

1) Connect Kevlar connecting hose to the Guarda Electric Exhaust Vacuum exhaust port. It has a bayonet type fitting that locks in a clockwise rotation.



2) Connect the 50mm/2" exhaust hose to the Kevlar connecting hose to exhaust the Edge engine fumes outside in a well ventilated place. You can extend the 50mm/2" Guarda Exhaust hose to a maximum of 60m/200feet.



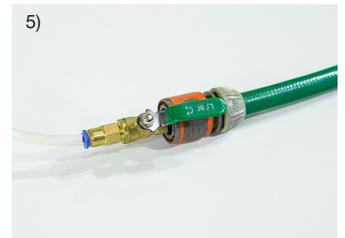
3) Connect 38mm/1.5" slurry hose to the Guarda Electric Exhaust Vacuum inlet. (hose length not to exceed 5m/15 ft between Guarda Electric Exhaust Vacuum & Edge Powercutter.



4) Connect 38mm/1.5" slurry hose to Edge Powercutter.



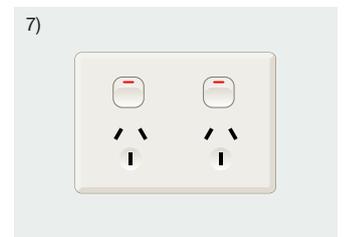
5) Connect water hose to Edge Powercutter



6) Connect water hose to pressured water supply



7) Connect Guarda Electric Exhaust Vacuum power lead to power point.



The end of the exhaust hose must be placed outside in a well ventilated area

Set up option 2 - With Guarda Vacuum Generator



What is required?

A) Guarda Edge Power Cutter
B) Guarda Vacuum Generator

C) Pressured Water Supply
D) Guarda Slurry Interceptor

E) 38mm/1.5" Guarda Slurry Hose*
F) 50mm/2" Guarda Exhaust Hose**
*(Max. length 5m/15ft) ** (Max. length 60m/200ft)

Set up procedure

1) Connect vacuum hose to Guarda Vacuum Generator using 50mm/2" camlock (maximum hose length of 20m/165ft with 50mm/2" hose).



4) Connect 38mm/1.5" slurry hose to Edge Powercutter



2) Connect 50mm/2" exhaust hose from Vacuum Generator to Slurry Interceptor using 50mm/2" camlock.



5) Connect water hose to Edge Powercutter



3) Connect 38mm/1.5" slurry hose to Slurry Interceptor vacuum inlet (hose length not to exceed 5m/15ft between Slurry Interceptor & Edge Powercutter).



6) Connect water hose to pressured water supply



The Vacuum Generator must be placed outside in a well ventilated area

Set up option 3 - With conventional 2 or 3 motor electric wet vacuum with Slurry Interceptor

(use this option when more than 20m/65ft of hose is required)



What is required?

- A) Guarda Edge Powercutter
- B) 2 or 3 motor electric wet vacuum
- C) Pressured Water Supply
- D) Guarda Slurry Interceptor
- E) 38mm/1.5" Guarda Slurry Hose*
- F) 50mm/2" Guarda Exhaust Hose**
- G) Power Outlet 220V/10A
- H) 50mm/2" Vacuum Adapter

*(Max. length 5m/15ft) **(Max. length 60m/200ft)

Set up procedure

1) Insert 50mm/2" camlock Vacuum Adapter into 2 or 3 motor electric wet vacuum.



2) Connect 50mm/2" Guarda hose to the 50mm/2" camlock Vacuum Adapter.



3) Connect the 50mm/2" Guarda hose to the Slurry Interceptor using 50mm/2" camlock (maximum hose length for 2 motor is 30m/100ft & for 3 motor is 40m/130ft).



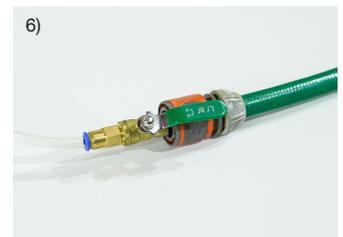
4) Connect 38mm/1.5" slurry hose to Slurry Interceptor vacuum inlet. (Hose length not to exceed 5m/15 ft between Slurry Interceptor & Edge Powercutter).



5) Connect 38mm/1.5" slurry hose to Edge Powercutter.



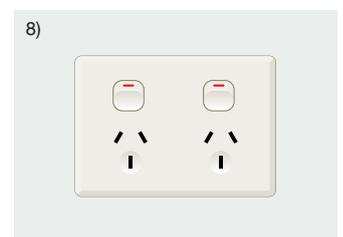
6) Connect water hose to Edge Powercutter.



7) Connect water hose to pressured water supply.



8) Connect Electric Wet Vacuum power lead to power point. (2 motor: 10 Amp powerpoint 3 motor: 15 Amp powerpoint).



The electric wet vacuum (B) must be placed outside in a well ventilated area

Set up option 4 - With conventional 2 or 3 motor electric wet vacuum



What is required?

- A) Guardia Edge Power Cutter C) Pressured Water Supply E) Power Outlet 220V/10A
 B) 2 or 3 motor electric wet vacuum D) 38mm/1.5" Guardia Slurry Hose*

*(Max. length 2 motor: 15m/50ft / 3 motor: 20m/65ft)

Set up procedure

1) Connect 38mm/1.5" slurry hose to electric wet vacuum (maximum hose length for 2 motor is 15m/50ft & for 3 motor is 20m/65ft).



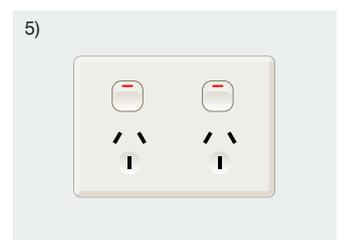
4) Connect water hose to pressured water supply.



2) Connect 38mm/1.5" slurry hose to Edge Powercutter.



5) Connect Electric Wet Vacuum power lead to power point. (2 motor: 10 Amp powerpoint 3 motor: 15 Amp powerpoint).



3) Connect water hose to Edge Powercutter.



! The electric wet vacuum must be placed outside in a well ventilated area