

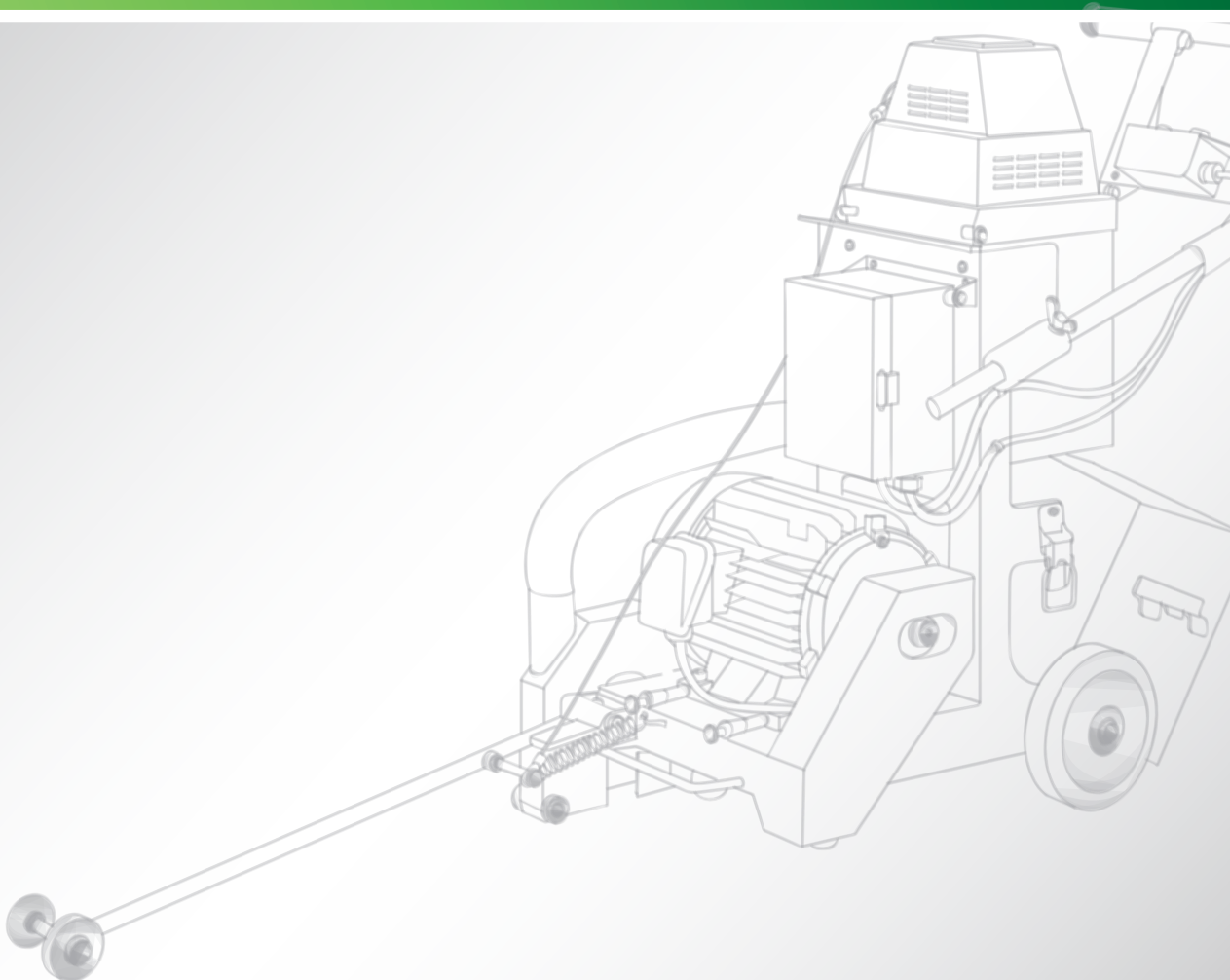
LINAX

www.linax.co.jp 株式会社 **ライナックス**



Floor Grooving Machine

High performance dry cutting of concrete surfaces. Dust collection system to ensure 100% dustless operation.



Floor Grooving Machine series

- Dry Cutting Application.
- Highly-efficient dust collection system.
- Specially designed with a variety of high quality saw blades.



Dry Cutting Machine

HC-10HM Clean Cutter

Power (V)	110 / 220 / 240
L x W x H (mm)	335 x 123 x 155
Total Weight (kg)	2.4
Cutting Width (mm)	2.5 / 3 / 5 / 10, V/U Cutting (10)
RPM (rpm)	10,100
Output (W)	1010
Connectable w/ Dust Collector	L-1 / V-1

G-50E Motor Type

Power (V)	380~440 x 8A, 3 phase AC
L x W x H (mm)	1100 x 430 x 890
Total Weight (kg)	89
Cutting Width (mm)	2.5 / 3 / 5 / 10, V/U Cutting (10)
Blade Shaft Dia.	25.4
Blade Outer Dia.	Fits 8-inch blades
Output (kW)	3.7 x 4P

G-50N Engine Type

Power (V)	Unleaded Gasoline
L x W x H (mm)	1182 x 522 x 948
Total Weight (kg)	105
Cutting Width (mm)	2.5 / 3 / 5 / 10, V/U Cutting (10)
Blade Shaft Dia.	25.4
Blade Outer Dia.	Fits 8-inch blades
Output (kW)	3.7 (max. 4.1)

Technical Data of Dust Collector				
Power	Single-Phase 220V x 5A	Single-Phase 240V x 4.5A	Single-Phase 220V x 5A	Single-Phase 240V x 4.5A
Max. Wind Power (m³/min)	2.6	2.7	2.6	2.7
Max. Static Pressure (kPa)	22.6	21.6	22.6	21.6
Blower Motor Output (kW)	1		1	
Dust Tank Capacity (L)	15		18.8	

HC-10HM

Clean Cutter

Standard Accessories

- Flange
- Hex Lock Nut
- Lock Nut Wrench
- Single Ended Ring Spanner 24mm
- Cord Strap
- 25mm Dust Collection Hose w/32mm Hose Connector



Optional Accessories

Dust Cover Accessory Kit Includes:

- Metal Dust Cover
- Handle w/Hex Head Bolt & SP Washer
- Flange
- Hex Lock Nut
- Lock Nut Wrench
- Single Ended Ring Spanner 24mm
- Cord Strap
- 25mm Dust Collection Hose w/32mm Hose Connector



Features

- Designed to connect to a dust collector, creating an environmentally friendly and dustless operation.
- Ease of use, can be actively used in tight areas or areas which larger machines find hard to reach.
- Specially designed with various types of cutters, to provide a wide range of applications suited for concrete surfaces.



Dustless System

Equipped with a metal dust cover and connectable hose for dustless operation.


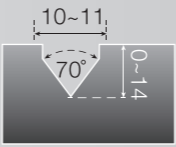


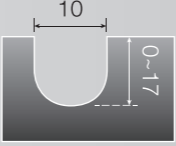


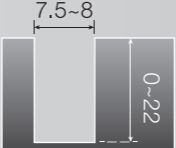


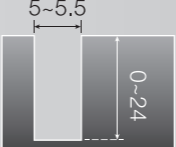


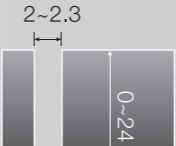



Easy to cut uniformly without hand shaking, even by unskillful workers.



Cutting depth can be freely adjusted, and cutting alignment is easy thanks to a handy pointer at the front.

Selection of Cutters for Handy Type "Clean Cutter HC-10HM"

Description	Cutting Profile	Outer Diameter	Cutter Width x Max. depth	Hole Diameter	Application
 V Cutter	 	86mm	10mm x Max. depth 14mm	20mm (15mm)	V shaped cutting for crack repair. Designed in a smaller cutter type, for easy cutting and chasing of cracks. Performance: 50~60 m per hour 2.5~3.0 hours per piece
 U Cutter	 	90mm	10mm x Max. depth 17mm	20mm (15mm)	U shaped cutting for crack repair, joint forming and groove cutting for laying cables underground. Creates a small cutting width to prevent excessive cutting and to save costs on filling materials. Performance: 25~30 m per hour 2.5~3.0 hour per piece
 Groover 8	 	99mm	8mm x Max. depth 22mm	15mm	Best for concrete joint forming and groove cutting for laying cables underground. Smaller cutting width than the U shaped cutter, for higher cutting speed. Performance: 35~45 m per hour 2.5~3.0 hours per piece
 Groover 5	 	105mm	5mm x Max. depth 24mm	20mm (15mm)	Best for concrete joint forming and groove cutting. Cut only the necessary minimum cutting width for increased efficiency. Performance: 40~50 m per hour 2.5~3.0 hours per piece
 Groover 2	 	105mm	2mm x Max. depth 24mm	20mm (15mm)	For cutting general concrete. Long life type. Performance: 60~70 m per hour 2.5~3.0 hours per piece

G-50E/N

Dry Cutting Machine

Standard Accessories

For model G-50E

- 3 Open-ended Spanners: (8x10) mm, (10x12) mm, (17x19) mm
- 5 Dust Bags



For model G-50N

- Open-ended Spanner 10 x 12 mm
- Plug Wrench



Possible to combine 2 blades together to increase cutting width up to 10mm. An optional blade spacer is necessary.



Equipped with a dust collection system for easy dust dumping.



Features

- High performance concrete cutting.
- Equipped with a dust collection system to create an environmentally friendly jobsite.
- Completely dry concrete cutting system with very fast operations.
- Millimetric adjustable cutting depth.

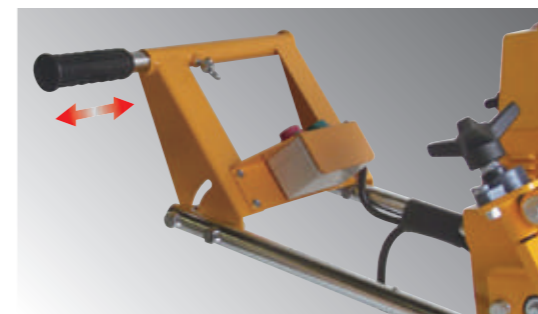
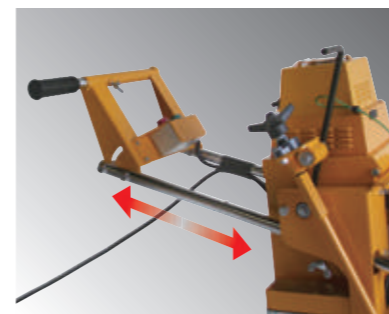


Electric and Gasoline Models Available

Depth control knob can adjust the cutting depth to a maximum of 37.5mm depending on blade settings.



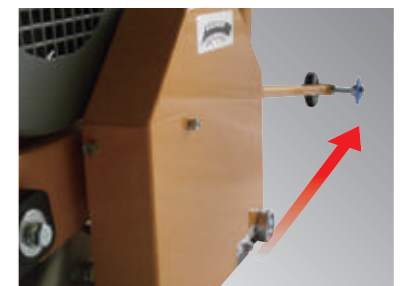
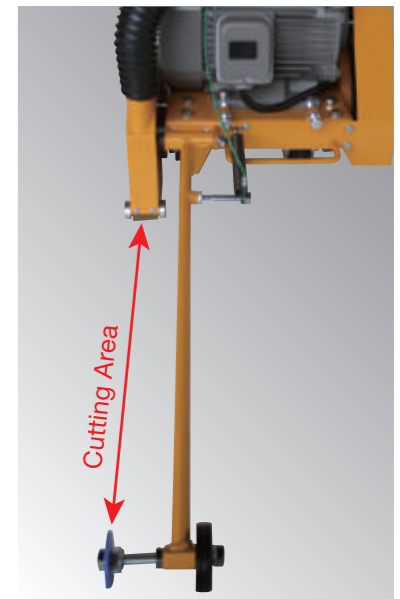
Telescopic adjustable handle.



Foldable handles and guide bar for easy storage.



Guide bar with pointer to ensure cutting accuracy.



G-50E/N

Applications

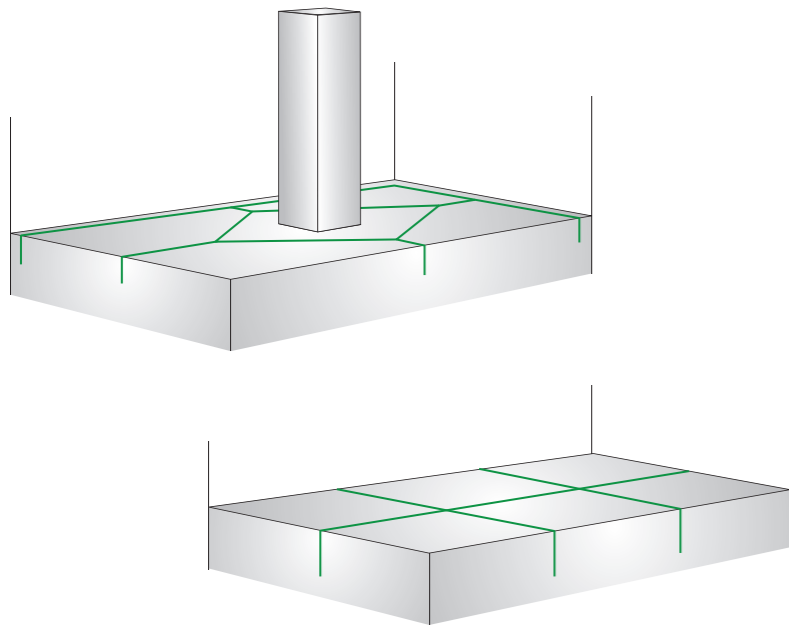
Specialized in dry cutting for quick joint forming:

▪ Contraction or control joints -

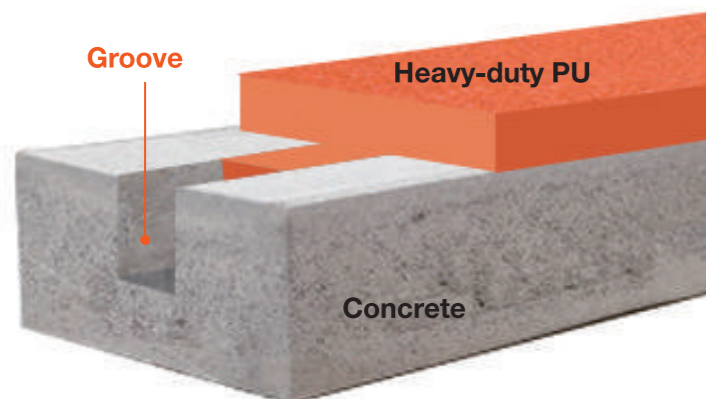
to control cracking in concrete slabs by creating weakened planes in the concrete, in order to regulate the location where cracks resulting from dimensional changes will occur.

▪ Isolation or expansion joints -

to allow horizontal and vertical movement between the slab and adjoining structures, such as walls, columns, footings, or specially loaded areas, and to help minimize cracking when movement is restrained.



▪ A key reason to cut grooves is for the installation of heavy-duty polyurethane flooring systems, to strengthen the bondage of materials to the substrate.



Without Cutting Joint


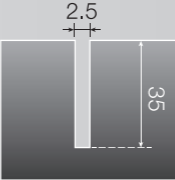


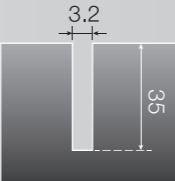


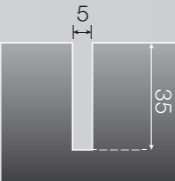


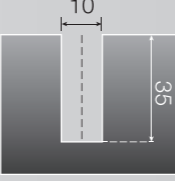


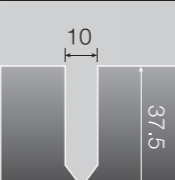


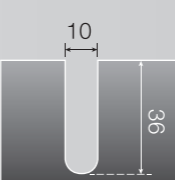



With Cutting Joint



Selection of Blades for Dry Cutting Machine "G-50E/N"

A list of diamond saw blades which are specially designed for use on concrete, providing different cutting widths to meet your job specifications and requirements. All the blades are for dry application.

Description	Cutting Profile	Outer Diameter	Cutter Width	Max. Depth	Cuts up to Wall-edge
 2.5 mm Cutting Blade	 	200 mm	2.2 mm	35 mm	31mm
 3 mm Cutting Blade	 	200 mm	3.0 mm	35 mm	30mm
 5 mm Cutting Blade	 	200 mm	4.8 mm	35 mm	29mm
 10 mm Cutting (Combine 2pcs of 5mm Cutting Blades) • Required to be attached with an optional spacer.	 	200 mm	9.6 mm	35 mm	24mm
 V-Cutting Blade	 	205 mm	9.6 mm	37.5 mm	25mm
 U-Cutting Blade	 	202 mm	9.6 mm	36 mm	25mm

Application

HC-10HM

- Crack repair on walls.



- Cutting joints under concrete structures and tight areas on vertical surfaces.



- Others



- Connectable with a Dust Collector

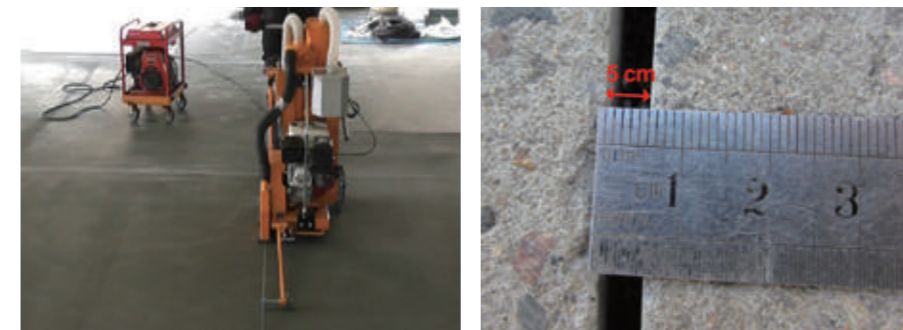


G-50E/N

- Cutting joints near wall edges up to 25mm close, depending on type of saw blade.



- Cutting contraction joints on horizontal concrete surfaces.





Floor Grooving



株式会社 **ライナックス**

本 社 〒359-0027
埼玉県所沢市松郷151-6

☎ 04-2946 5211 🌐 www.linax.co.jp
☎ 04-2946 5212 ✉ linax@linax.net

LINAX CO., LTD.

Head Office: 151-6 Matsugo, Tokorozawa-shi,
Saitama-ken, 359-0027 Japan

☎ 81-4-2946 5211 🌐 www.linax.co.jp
☎ 81-4-2946 5212 ✉ linax@linax.net

