



SUPERABRASIVE

introduces the all-new

ELITE

S E R I E S



**A NEW GENERATION OF LAVINA GRINDERS.
PERFORMANCE ABOVE THE REST.**

www.superabrasive.com

LAVINA

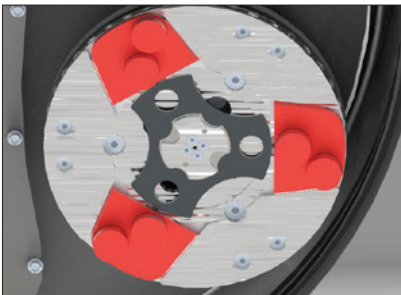
ELITE

S E R I E S



COMPLETELY REDESIGNED FRAME AND DUST-PROOF GRINDING HEAD WITH LOW-FRICTION CHAIN GEAR PLANETARY DRIVE

The new frame delivers superior maneuverability and easy tool changes. The dust-proof head protects internal components from dust and moisture, which reduces maintenance and increases service life. The chain has been upgraded on 20/25/30-inch models.



NEW HEADS LOCKING MECHANISM

We have updated the locking mechanism on the grinding heads for a more secure tool attachment. Elite machines are designed for use with Quick Change style tools only, metal and resin, and are not compatible with velcro backed tools and the old generation foam plates.

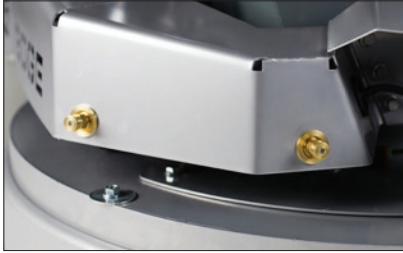


EPA & CARB BLUE SKY ENGINES WITH INTELLIGENT FUEL CONTROL SYSTEM ON ALL PROPANE MODELS

Our unique digital fuel control system, Lavina Fuel Minder, is highly responsive to changes in engine load, providing optimum air-to-fuel ratio regardless of operating conditions. Featuring LCD screen with user interface, service reminders, emissions warnings, battery voltmeter, and more. Our engine kits are beating the EPA emissions standard by 40% and the CARB standard by 50%, thus, earning Blue Sky recognition.

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DUST SUPPRESSION FINE MISTING SYSTEM WITH HIGH PRESSURE SPRAY NOZZLES

Small water droplets effectively suppress and remove breathable fugitive dust particles from 0.1 to 1000 microns. In addition, water can be delivered under the machine at the same time for optimal tool performance. Upgraded water pump.



EASY-TO-USE INTEGRATED WEIGHTS

With the weights down, you increase the grinding head pressure, and you can grind more aggressively. Make sure weights are always locked in the upward position.



IMPROVED DUST COLLECTION EFFICIENCY

Adjustable skirt with a flexible brush for better dust containment. Also, the vacuum hose connection is now closer to the dust source, and utilizes a metal camlock attachment.



TWO LED LIGHTS FOR MONITORING THE FLOOR

A detachable LED light (with a magnet) on the base in the front improves visibility, and a second LED light attached in the back of the machine near the floor helps monitor the scratch pattern.



NEW ADJUSTABLE HANDLE BAR

Multiple handle positions for more convenient operation and transportation. Make sure the handle position is locked when moving or using the machine.



CHARGING PHONE STATION WITH DUAL USB 2.0 PORTS

3.15 Amps for faster charging with a shutoff when charge is complete.

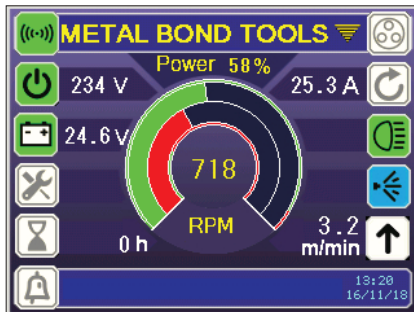
ALSO, A DURABLE STAINLESS STEEL CUP HOLDER

NEW REMOTE-CONTROLLED MODELS - L32RE, L25RE



NEW INTELLIGENT REMOTE CONTROL

Precise control over the machine - two sensitive thumbsticks control its position and offset, including integrated mapping on the offset. A wide range of functions. Super light and easy to use with ergonomic rubber grip.



INTUITIVE TOUCHSCREEN PANEL / HMI

Our new HMI provides essential operating information and implements operators' instructions. HMI functionality includes:

- indications of power supply and power consumption,
- machine load and hours worked,
- tool holder rpm and option to choose rpm setting with tool input,
- water supply and lights activation,
- maintenance reminders,
- password activation and shutoff, etc.



A NEW 3RD WHEEL AND LARGER TIRES

The newly designed 3rd wheel facilitates moving the machine. New pins on the wheels allow for moving the machine without using the RC unit.

Action required	Time left	
Seal Replacement	400 h	Set
Chain Inspection	300 h	Set
Belt Inspection	400 h	Set
Tooling Inspection	200 h	Set

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L32RE

Horsepower	20 HP / 15 KW
Voltage (50/60 Hz)	3ph x 200-240V
Amperage (max)	60 Amp
Dedicated Breaker Requirement	80 Amp
Generator Recommendation	45 KW
Weight of Machine	1768 lbs / 802 kg
Grinding Pressure Weights Pos. 1	679 lbs / 308 kg
Grinding Pressure Weights Pos. 2	793 lbs / 360 kg
Grinding Pressure Weights Pos. 3	897 lbs / 407 kg
Grinding Pressure Weights Pos. 4	1025 lbs / 465kg
Attachment Speed	300-1100 rpm
Working Width	32in / 814mm
Tool Holder Diameter	9in / 225mm
Vacuum Hose Port	Camlock E300
Water feeding (with pump)	Peripheral & Front Mist
Water tank capacity	12gal / 46L
Cable Length	57 ft / 17.4 m
AMG Battery	12 V/2x7 AH
RC Battery (rechargeable)	AA 1.2V
Machine Size LxWxH	100x34x52 in / 254x86x132 cm
Crate size LxWxH	63x37x63 in / 160x95x160 cm



L25RE

Horsepower	10 HP / 7.5 KW
Voltage (50-60 Hz)	3ph x 200-240V
Amperage (max)	45 Amp
Dedicated Breaker Requirement	45 Amp
Generator Recommendation	33KW
Weight of Machine	983 lbs / 446 kg
Grinding Pressure Weights UP	364 lbs / 165 kg
Grinding Pressure Weights DOWN	436 lbs / 198 kg
Attachment Speed	300-1100 rpm
Working Width	25in / 655mm
Tool Holder Diameter	3x9in / 3x225mm
Tool Diameter	3x9in / 3x225mm
Vacuum Hose Port	Camlock E250
Water feeding (with pump)	Peripheral & Front Mist
Water tank capacity	5.2gal / 20L
Cable Length	57 ft / 17.4 m
AMG Battery	12 V/2x7 AH
RC Battery (rechargeable)	AA 1.2V
Machine Size LxWxH	76x28x47 in 197x71x120 cm
Crate size LxWxH	62x29x43 in 157x73x110 cm

EUROPEAN MODEL 
L32REU

15 kW, 3 phase 380-400V, 32 Amp

EUROPEAN MODEL 
L25REU

7.5 kW, 3 phase 380-400V, 15 Amp



L32E

*Also in HV - 3ph x 380/480V, 32 Amp

Horsepower	20HP / 15KW
Voltage (50/60 Hz)*	3ph x 200-240V
Amperage (max)	60 Amp
Dedicated Breaker Requirement	60 Amp
Generator Recommendation	45KW
Weight of Machine	1618 lbs / 734 kg
Grinding Pressure Weights Pos. 1	692 lbs / 314 kg
Grinding Pressure Weights Pos. 2	811 lbs / 368 kg
Grinding Pressure Weights Pos. 3	910.5 lbs / 413 kg
Grinding Pressure Weights Pos. 4	1030 lbs / 467 kg
Attachment Speed	300-1100 rpm
Working Width	32in / 814mm
Tool Holder Diameter	9in / 225mm
Vacuum Hose Port	Camlock E300
Water feeding (with pump)	Peripheral & Front Mist
Water tank capacity	12 gal / 46 L
Cable Length	57 ft / 17.4 m
Machine Size LxWxH	100x34x52 in / 254x86x132 cm
Crate size LxWxH	63x37x63 in / 160x95x160 cm



L30LE

*Also in HV - 3ph x 440/480V, 30 Amp

Horsepower	15HP / 11KW
Voltage (50-60 Hz)*	3ph x 200-240V
Amperage (max)	45 Amp
Dedicated Breaker Requirement	45 Amp
Generator Recommendation	33KW
Weight of Machine	860 lbs / 390 kg
Grinding Pressure Weights UP	465 lbs / 211 kg
Grinding Pressure Weights DOWN	545 lbs / 247 kg
Attachment Speed	300-1100 rpm
Working Width	30in / 765mm
Tool Holder Diameter	3x13.2in / 3x335mm
Vacuum Hose Port	Camlock E250
Water feeding (with pump)	Peripheral & Front Mist
Water tank capacity	5.2gal / 20L
Cable Length	57 ft / 17.4 m
Machine Size LxWxH	59x34x47 in / 150x81x120 cm
Crate Size LxWxH	58x33x57 in / 148x84x146 cm

EUROPEAN MODEL 

L32EU

15 kW, 3 phase, 380-400 V, 32 Amp

EUROPEAN MODELS 

L30LEU

11 kW, 3 phase, 380-400V, 30 Amp

ELECTRIC MODELS

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L25E

Horsepower	10HP / 7.5KW
Voltage (50/60 Hz)	1 or 3ph x 200-240V
Amperage (max)	30 Amp
Dedicated Breaker Requirement	30 Amp
Generator Recommendation	22.5KW

Weight of Machine	754 lbs / 342 kg
Grinding Pressure Weights UP	348 lbs / 158 kg
Grinding Pressure Weights DOWN	428 lbs / 194 kg

Attachment Speed	300-1100 rpm
Working Width	25.8in / 655mm
Tool Holder Diameter	3x9in / 3x225mm

Vacuum Hose Port	Camlock E250
Water feeding (with pump)	Peripheral & Front Mist
Water tank capacity	5.2gal / 20L
Cable Length	57 ft / 17.4 m

Machine Size LxWxH	71x28x48 in 180x71x122 cm
Crate Size LxWxH	58x33x57 in 148x84x146 cm



L20NE

Horsepower	7.5HP / 5.5KW
Voltage (50/60 Hz)	1 or 3ph x 200-240V
Amperage (max)	30 Amp
Dedicated Breaker Requirement	30 Amp
Generator Recommendation	16.5KW

Weight of Machine	584 lbs / 265 kg
Grinding Pressure Weights UP	187 lbs / 85 kg
Grinding Pressure Weights DOWN	287 lbs / 130 kg

Attachment Speed	300-1100 rpm
Working Width	20in / 510mm
Tool Holder Diameter	3x9in / 3x225mm

Vacuum Port	Camlock E250 or 2in hose
Water feeding (with pump)	Peripheral & Front Mist
Water tank capacity	5.2gal / 20L
Cable Length	57 ft / 17.4 m

Machine Size LxWxH	66x22x47 in 168x56x122 cm
Crate Size LxWxH	55x29x56 in 139x71x142 cm

EUROPEAN MODELS **CE**

L25EU 7.5 kW, 3 phase, 380-400 V, 15 Amp

L25LEU 11 kW, 3 phase, 380-400 V, 30 Amp

EUROPEAN MODEL **CE**

L20NEU 5.5 kW, 3 phase, 380-400 V, 15 Amp

L20NOEU 5.5 kW, 1 phase, 200-240 V, 15 Amp



L20E

Horsepower	4 HP / 3 KW
Voltage (50/60 Hz)	1ph x 200-240V
Amperage (max)	14 Amp
Dedicated Breaker Requirement	20 Amp
Generator Recommendation	9KW
Weight of Machine	443 lbs / 201 kg
Grinding Pressure	190 lbs / 86 kg
Additional Weight	no
Attachment Speed	300-1100 rpm
Working Width	20in / 510mm
Tool Holder Diameter	3x9in / 3x225mm
Application	wet or dry
Vacuum Port	Camlock E250 or 2in hose
Water feeding (with pump)	Peripheral & Front Mist
Water tank capacity	5.2gal / 20L
Cable Length	57 ft / 17.4 m
Machine Size LxWxH	66x22x48 in 168x56x122 cm
Crate Size LxWxH	55x29x56 in 139x71x140 cm

EUROPEAN MODEL 

L20EU

3 kW, 1 phase, 200-240 V, 14 Amp



L13E

*Also in HV - 3ph x 440/480V, 12 Amp max

Horsepower	5.5HP / 4KW
Voltage (50/60 Hz)	1ph x 200-240V
Amperage	16 Amp
Dedicated Breaker Requirement	20 Amp
Generator Recommendation	9KW
Weight of Machine	271 lbs / 139 kg
Grinding Pressure	64 lbs / 33 kg
Additional Weight	up to 50 lbs / 22.7kg
# of Additional Weights	4 x 12.5 lbs / 5.7 kg
Attachment Speed	500-800 rpm
Working Width	13.2in / 335mm
Tool Holder Diameter	13.2in / 335mm
Application	dry
Dust-vacuum	yes
Water feeding	no
Water tank capacity	n/a
Cable Length	57 ft / 17.4 m
Machine Size LxWxH	48x24x36 in 121x60x92 cm
Crate Size LxWxH	56x29x43 in 141x73x110 cm

EUROPEAN MODEL 

L13EU

4 kW, 1 phase 200-240 V, 16 Amp

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PROPANE MODELS
No cables, no generators, no hassle.



L38GR-GTX **REMOTE-CONTROLLED!**

Propane Engine	Kawasaki FX1000V
Engine Capacity	999cc / 61 cu.in.

Weight of Machine	1346 lbs / 610 kg
Grinding Pressure Weights UP	590 lbs / 267 kg
Grinding Pressure Weights DOWN	790 lbs / 358 kg
AMG Battery	12 V / 35 AH
RC Battery (Rechargeable)	AA1.2 V

Tool Holder RPM	600-1080 rpm
Engine RPM	2000-3600 rpm
Working Width	38 in / 965 mm
Tool Holder Diameter	13.2in / 335 mm

Application	wet or dry
Vacuum Hose Port	3 in / 76mm
Water feeding (with pump)	Peripheral & Front Mist
Water tank capacity	12 gal / 46L
Propane tank capacity	33.5 lbs / 15.2 kg
Third Wheel	yes

Machine Dimensions L x W x H	99x34x48 in 252x85x135 cm
Crate Dimensions L x W x H	65x44x68 in 165x112x173 cm

L32GE

Propane Engine	Kawasaki FX1000V
Engine Capacity	999cc / 61 cu.in.

Weight of Machine	1622 lbs / 736 kg
Grinding Pressure Weights Pos. 1	695 lbs / 315 kg
Grinding Pressure Weights Pos. 2	816 lbs / 370 kg
Grinding Pressure Weights Pos. 3	922 lbs / 418 kg
Grinding Pressure Weights Pos. 4	1050 lbs / 476 kg

Tool Holder RPM	600-1020 rpm
Engine RPM	2000-3600 rpm
Working Width	32in / 814mm
Tool Holder Diameter	9in / 225 mm

Application	wet or dry
Vacuum Hose Port	Camlock E300
Water feeding (with pump)	Peripheral & Front Mist
Water tank capacity	12 gal / 46L
Propane tank capacity	33.5 lbs / 15.2 kg
Third Wheel	yes

Machine Size L x W x H	100x34x52 in / 254x86x132 cm
Crate Size L x W x H	63x37x63 in / 160x95x160 cm

ELITE MODEL COMING SOON!

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PROPANE MODELS
No cables, no generators, no hassle.



L30GE

Propane Engine	Kawasaki FX600V
Engine Capacity	603cc, 36.8 cu. in.
Weight of Machine	794 lbs / 360 kg
Grinding Pressure Weights UP	448 lbs / 203 kg
Grinding Pressure Weights DOWN	529 lbs / 240 kg
Tool Holder RPM	570-1030 rpm
Engine RPM	2000-3600 rpm
Working Width	30in / 765mm
Tool Holder Diameter	3x13.2in / 3x335mm
Application	wet or dry
Vacuum Hose Port	Camlock E250
Water Feeding (with pump)	Peripheral & Front Mist
Water Tank Capacity	5.2gal / 20L
Propane Tank Capacity	20lbs / 9kg
Machine Size L x W x H	76.5x32x48in 194x81x121cm
Crate Size L x W x H	58x33x57 in 148x84x146 cm

L25GE

Propane Engine	Kawasaki FX600V
Engine Capacity	603cc, 36.8 cu. in.
Weight of Machine	794 lbs / 360 kg
Grinding Pressure Weights UP	448 lbs / 203 kg
Grinding Pressure Weights DOWN	529 lbs / 240 kg
Tool Holder RPM	570-1030 rpm
Engine RPM	2000-3600 rpm
Working Width	25in / 655mm
Tool Holder Diameter	3x9in / 3x225mm
Application	wet or dry
Vacuum Hose Port	Camlock E250
Water Feeding (with pump)	Peripheral & Front Mist
Water Tank Capacity	5.2gal / 20L
Propane Tank Capacity	20lbs / 9kg
Machine Size L x W x H	71x28x48 in 180x71x122 cm
Crate Size L x W x H	58x33x57 in 148x84x146 cm



L20GE

Propane Engine	Kawasaki FS481V
Engine Capacity	603 cc / 36.8 cu.in.
Weight of Machine	645 lbs / 292 kg
Grinding Pressure Weights UP	267 lbs / 121 kg
Grinding Pressure Weights DOWN	364 lbs / 165 kg
Tool Holder RPM	610-1090 rpm
Engine RPM	2000-3600 rpm
Working Width	20in / 655mm
Tool Holder Diameter	3x9in / 3x225mm
Application	wet or dry
Vacuum Hose Port	Camlock E250
Water Feeding (with pump)	Peripheral & Front Mist
Water tank capacity	5.2 gal / 20 L
Propane tank capacity	20 lbs / 9 kg
Machine Size L x W x H	66x22x48 in / 168x56x122 cm
Crate Size L x W x H	55x29x56 in / 139x71x142 cm



L13GE

Propane Engine	Kawasaki FJ180V
Engine Capacity	179 cc, 10.9 cu.in.
Weight of Machine	262 lbs / 119 kg
Grinding Pressure	73 lbs / 33 kg
Tool Holder RPM	525-900 rpm
Engine RPM	2100-3600 rpm
Working Width	13.2 in / 335 mm
Tool Holder Diameter	13.2 in / 335 mm
Application	dry
Vacuum Hose Port	2 in / 51 mm
Water Feeding	no
Water tank	no
Propane tank capacity	20 lbs / 9 kg
Machine Size L x W x H	48x24x36 in / 120x60x92 cm
Crate Size L x W x H	56x29x43 in / 141x73x110 cm



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