

# ACCESSORIES

## INTEGRATED EXHAUSTS

### LE120HP, LE140HP LE150HP

LS100

LS100 Ex

Designed especially for Gravograph applications, the integrated exhausts LE120HP, LE140HP and LE150HP are essential accessories for the use of **LS100 Lasers**. They are compatible with marking, engraving and cutting noxious material such as rubber and acrylic, **without any repulsive odour**.



### Benefits of integrated exhausts:

#### ■ Compact & Integrated

As with all our Integrated Exhausts, the concept is **self containment** and minimized floor space requirement. The exhaust becomes the base of the laser, making the system compact and aesthetic in the workshop.

#### Safe & Healthy

Laser systems are used to process a wide variety of materials. During these processes, gases, vapours and dusts are and can be in most cases classified as harmful if inhaled.

LE 120HP, LE 140HP and LE150HP are The solution to remove these airborne contaminants by provision of a fume extraction and filtration system.

#### Driven & Cost effective

LE 120HP, LE 140HP and LE150HP offer an extremely efficient filtration therefore increasing the life span of the important parts of the machine (metallic parts and lenses). Equipped with **cleanable** pre-filters, **separate** HEPA filter, **refillable** charcoal cartridges and **brushless motors**, Gravograph exhausts are very cost effective systems to run.

#### Productive & Performant

With vacuum flow rates up to 400m<sup>3</sup>/h, the LE 120HP, LE 140HP and LE150HP systems enable the best engraving quality. The high pressure turbine (static pressure 10kPa) allows the use of a pre-separator, offering added dust collection to reduce contamination of exhaust filters.

### Applications:

 = marking, engraving

 = cutting

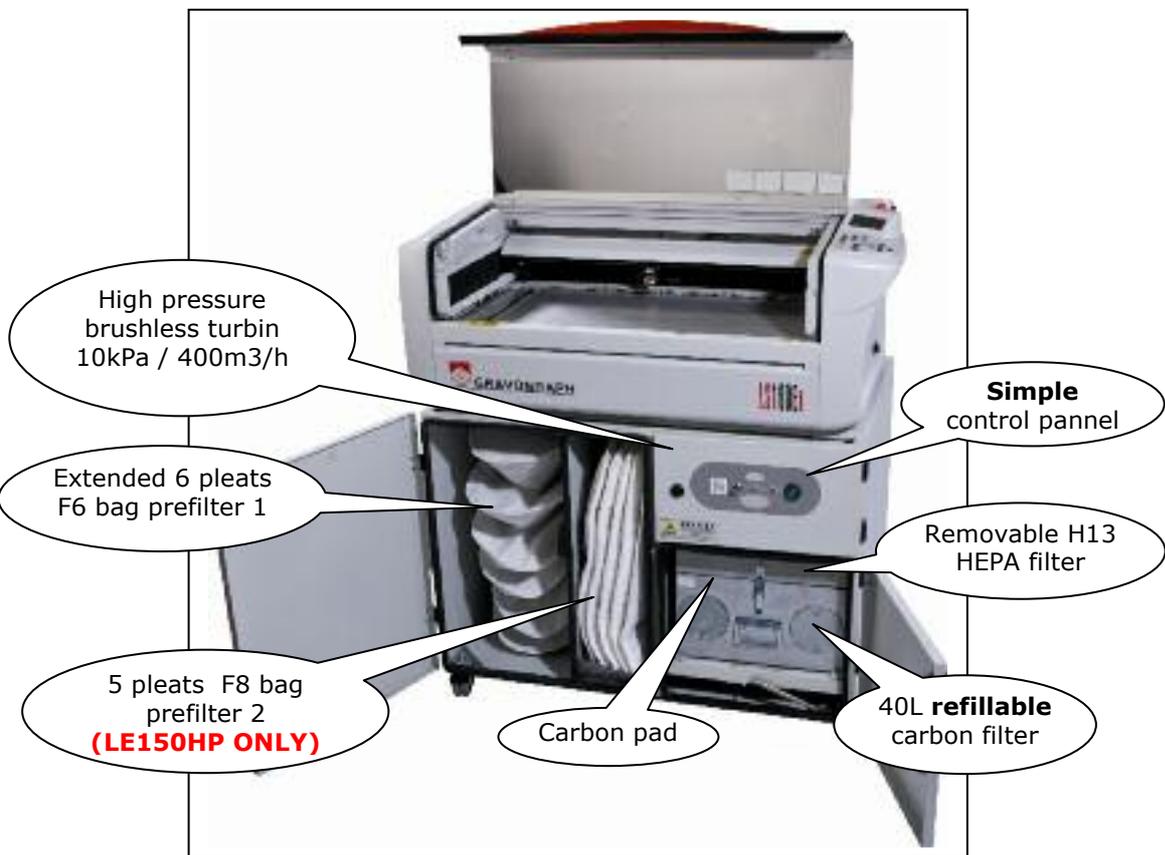
⊕ = not advised

⊘ = forbidden

	LS100 + LE 120HP	LS100 + LE 140 HP	LS100 Ex + LE150HP
PVC	⊘	⊘	⊘
Mirror, Marble, Stone, Glass			
Porcelain, Ceramics, Enamel			
Metals (brass, alu...)			
Plastic, Acrylics, Wood		 + 	 + 
Foil, Paper, Leather	 + 	 + 	 + 
Rubber stamp sheets	⊕	 + 	 + 
Caoutchouc, Foam, Textiles	⊕	 + 	 + 
Anodised metal, Cardboard	⊕		

### Product Compatibility:

ref	LE 120HP	LE 140HP	LE 150HP
LS100	✓	✓	✓
LS100 Ex			✓



### Technical specification:

	LE 120HP	LE 140HP	LE 150HP
	115V or 230 V	115V or 230 V	115V or 230 V
<i>Dimensions (w x d x h)</i>	644x730x700 mm	644x730x700 mm	970x730x700 mm
<i>Weight</i>	69 kg	80 kg	106kg
<i>Max. air flow</i>	400m <sup>3</sup> /h	400m <sup>3</sup> /h	400m <sup>3</sup> /h
<i>Flow control</i>	Yes	Yes	Yes
<i>Max. static pressure</i>	10 kPa	10 kPa	10 kPa
<i>Noise level</i>	69 dB	69 dB	69 dB
<i>Switch (On/Off)</i>	Yes	Yes	Yes
<i>VariColour warning system</i>	Yes	Yes	Yes
<i>Prefilter 1 (nber of pleats)</i>	3	6	6
<i>Prefilter 2 (nber of pleats)</i>	∅	∅	5
<i>Activated carbon</i>	20 liters (12kg)	40 liters (24kg)	40 liters (24kg)
<i>Integrated compressor</i>	∅	∅	Yes (45 l / min)
<i>Frequency</i>	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz

### Complementary Accessory to LE140 HP/ LE150 HP: PRE-SEPARATOR

#### Features:

- Efficient protection for exhaust unit filters
- Easy to use
- Dust container easy to empty (no tools)



#### Technical specification:

<i>Inlet / Outlet for standard</i>	∅100mm pipe
<i>Dust container</i>	25 liters
<i>Weight</i>	25kg
<i>Minimum air flow required</i>	6 kPa / 300 m <sup>3</sup> /h
<i>Filter</i>	Class L extended surface with 12 pleats "antistatic"
<i>Filtration area</i>	0,7 m <sup>2</sup>