

LOSMA[®]
WORKING CLEAN, BREATHING HEALTHY

ICARUS

PATENTED

with
green[®]
Biofilter by LOSMA

**ENVIRONMENT
HEALTH
SAFETY**



IE2
High Efficiency Motors

**ASPIRATORE PER NEBBIE OLEOSE
AIR FILTER FOR OILMIST
ABSAUGGERÄT ZUM ABSCHIEDEN VON ÖLNEBEL**

CARATTERISTICHE

Icarus è disponibile in tre modelli, da 600 a 2.000 m³/h ca., con 2 configurazioni con filtri statici con un deflettore e pre-filtro metallici (lavabili), il nuovo biofiltro GREEN®, ed un filtro a rendimento personalizzato (F9 o H13 secondo le norme CE EN 779/1822) ed una configurazione a celle elettrostatiche lavabili.

IDONEITA'

macchine utensili, lavatrici industriali, macchinari per settore alimentare, industria chimica, farmaceutica, medicale e altro.

ECOLOGICO

Oltre a contenere il biofiltro GREEN®, Icarus monta di serie i motori ad alta efficienza energetica, in classe IE2.

MASSIMA EFFICIENZA DI FILTRAZIONE

Massima efficienza di filtrazione Icarus può raggiungere efficienze di filtrazione fino al 99,95%, scegliendo tra le diverse combinazioni di filtri è possibile ottenere soluzioni ad hoc.

MASSIMA COMPATTEZZA

Pre e post-filtrazione in spazi contenuti, ottima adattabilità alle careniture delle diverse macchine.

MASSIMA FLESSIBILITA'

E' sempre possibile variare la combinazione dei filtri secondo le proprie esigenze, in pochissimi minuti, semplicemente variando il kit di filtri.

MANUTENZIONE RAPIDISSIMA

Grazie al design particolare che rende semplicissime la manutenzione e la sostituzione dei filtri.

ESPANDIBILE

Per le applicazioni più gravose sono disponibili versioni ad hoc con ulteriori stadi di pre e post-filtrazione:
X-Guard: prefiltro per trucioli e polveri
Filtro assoluto H13 (99,95%) per fumi e vapori
Carboni attivi specifici per odori sgradevoli e IPA.

CHARACTERISTICS

Icarus is available in 3 sizes, 600 to 2.000 m³/h ca., with 2 standard configurations each (filtration efficiencies from < 95% to < 99,95%) supplied with washable deflector and metallic pre-filter, the new biofilter GREEN®, and a customized filter (F9 or H13 - Norms CEN EN 179/1822) or with electrostatic cells.

USES

Machine tools, industrial washing machines, food sector machines, chemical industry, pharmaceutical and medical sectors and other.

ECOLOGICAL

Icarus is supplied with GREEN® patented biofilter and with Energy saving high efficiency motors Class IE2.

MAXIMUM FILTRATION EFFICIENCY

Icarus grants filtration efficiencies up to 99,95%. Choosing among the different filters combinations specific the right solution can be offered.

COMPACT CONSTRUCTION

Both a pre and post-filtration, for all cases with little space is available, adaptes very easily to all type of machine tools thanks to the compact shape.

MAXIMUM FLEXIBILITY

Also after the installation it always possible to change the filters combinations following customers needs, in a few minutes, in the same structure, simply replacing the filters kits.

QUICK AND EASY MAINTENANCE

Icarus has a particular design, which makes maintenance operations and filters replacement very easy.

MODULARITY

Special version for heavy use available with additional pre and after-filtration stages:
X-Guard: pre-filter for swarf and dust
H13 absolute after-filter (99,95%) for smokes and vapours
Activated carbons for unpleasant odours and IPA.

BESCHREIBUNG

Icarus ist verfügbar in 3 Größen von 600 – 2.000 m³/h ugf. in jeweils zwei Standardkonfigurationen (Filtrationsgrad von < 95% bis < 99,95%) mit waschbarem Deflektor (Spezial-Prallblech) und metallischen Vorfiltern, dem neuen Biofilter GREEN und einem weiteren Filter mit kundenspezifischen Leistungsgrad (F9 oder H13 gemäß den Normen CEN EN 179/1822) oder mit elektrostatischen Zellen.

ANWENDUNGSBEREICH

Machine tools, industrial washing machines, food sector machines, chemical industry, pharmaceutical and medical sectors and other.

UMWELTFREUNDLICH

Icarus enthält den neuen ökologischen und patentierten Biofilter GREEN®: 100% natürlich, umweltverträglich und hoch effiziente Motoren IE2.

HOCH-FILTEREFFEKTIVITÄT

Icarus grants filtration efficiencies up to 99,95%. Choosing among the different filters combinations specific the right solution can be offered.

SUPER-KOMPAKTHEIT

Icarus ist die perfekte Lösung für Kunden mit wenig Platzbedarf, die eine Vor- und Nachfiltration benötigen. Icarus passt auf Grund der kompakten Bauweise auf alle Arten von Werkzeugmaschinen.

MAXIMALE FLEXIBILITÄT

Auch nach der Installation ist es möglich, die jeweiligen Filterkombinationen je nach Kundenwunsch oder Anforderung zu ändern – innerhalb weniger Minuten – im selben Gehäuse werden einfach die gewünschten Filter getauscht.

SEHR EINFACHE WARTUNG

Icarus ist so designt, dass die Wartung und der Filtertausch besonders einfach durchzuführen sind.

HÖCHST VIELSEITIG IM EINSATZ

Für intensive (schwere) Anwendungen ist eine Spezialversion verfügbar, mit zusätzlichen Vor- und Nachfiltrationsstufen.
X-Guard: Vorfilter für Späne und Staub
H13 absolut Nachfilter (99,95%) für Rauch und Dampf
Aktivkohle für Gerüche und IPA

green
Biofilter by LOSMA



SPECIALE BIOFILTERO GREEN® (BREVETTATO)

Icarus include il nuovo biofiltro ecologico GREEN®: 100% naturale, ecocompatibile e inceneribile ad elevata efficienza per una maggiore durata dei post-filtri.

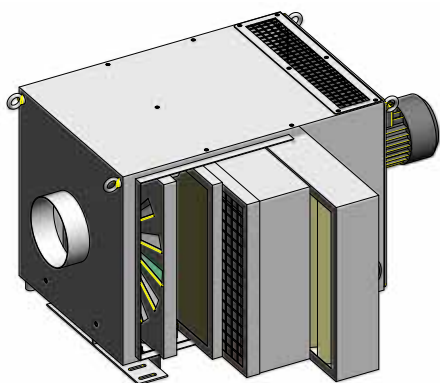
SPECIAL BIOFILTER GREEN® PATENTED!

Icarus is supplied with the new ecological patented biofilter GREEN®: 100% natural, eco-compatible and with very high efficiency for a longer life of the after-filters.

Spezial Biofilter GREEN® PATENTIERT!

Icarus enthält den neuen ökologischen und patentierten Biofilter GREEN®: 100% natürlich, umweltverträglich und hoch effizient für ein längeres Intervall der nachfolgenden Filter.

ICARUS S M L



CONFIGURAZIONE 1

(indicato per nebbie e micro nebbie)

- Pre-filtrazione con deflettore e filtro metallico (lavabili)
- Biofiltro GREEN® ecocompatibile ad alta efficienza e lunga durata
- Filtrazione finale F9 (95%)

COMBINATION 1

Suitable for oilmist and micro-mist

- Pre-filtration: deflector and metallic filter (washable)
- GREEN® biofilter ecological, high efficiency and long-lasting
- Final filtration F9 (95%)

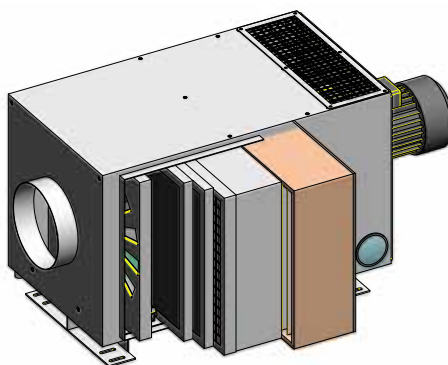
KOMBINATION 1

Geeignet für Ölnebel und Mikronebel

- Vorfiltration: Deflektor und Metallfilter (waschbar)
- GREEN® Biofilter ökologisch, sehr effizient und langlebig
- Hauptfiltration: F9 (95%)

APPLICAZIONI

ICARUS S M L



CONFIGURAZIONE 2

(indicato per nebbie, micro nebbie, vapori e fumi)

- Pre-filtrazione con deflettore e filtro metallico (lavabili)
- Biofiltro GREEN® ecocompatibile ad alta efficienza e lunga durata
- Filtrazione finale H13 (99,95%)

COMBINATION 2

Suitable for oilmist, micromist, vapours and smokes

- Pre-filtration: deflector and metallic filter (washable)
- GREEN® biofilter ecological, high efficiency and long-lasting
- Final filtration H13 (99.95%)

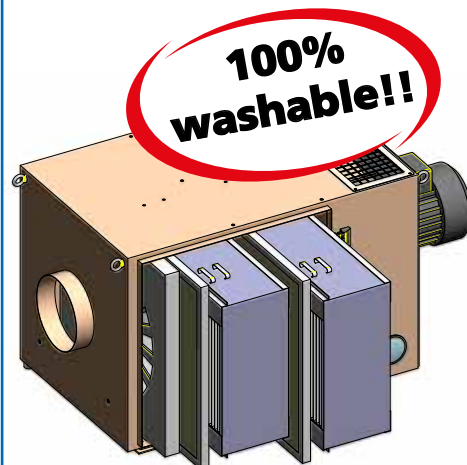
KOMBINATION 2

Geeignet für Ölnebel und Mikronebel, Dampf und Rauch

- Vorfiltration: Deflektor und Metallfilter (waschbar)
- GREEN® Biofilter ökologisch, sehr effizient und langlebig
- Hauptfiltration: H13 (99,95%)

APPLICATIONS

ICARUS EL S M L



CONFIGURAZIONE 3

(indicato per nebbie, micro nebbie, vapori e fumi)

senza materiale di consumo!

- Pre-filtrazione con deflettore e filtro metallico (lavabili)
- Stadio di filtrazione finale con doppia cella elettrostatica lavabile (*)

COMBINATION 3

- Pre-filtration: deflector and metallic filter (washable)
- Final filtration stage with double electrostatic washable cells (*)

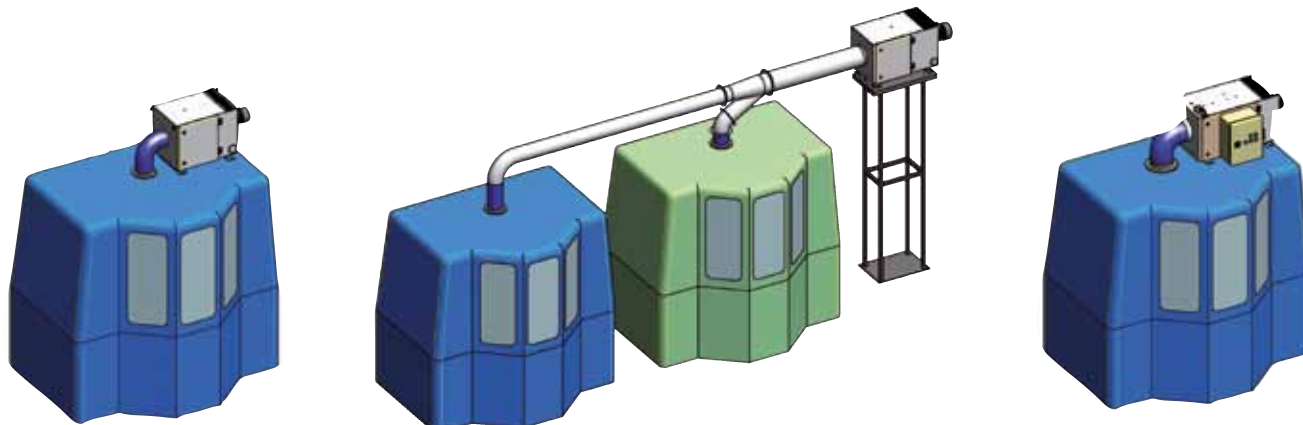
KOMBINATION 3

- Vorfiltration: Deflektor und Metallfilter (waschbar)
- Hauptfiltration: waschbare doppelte elektrostatische Zelle (*)

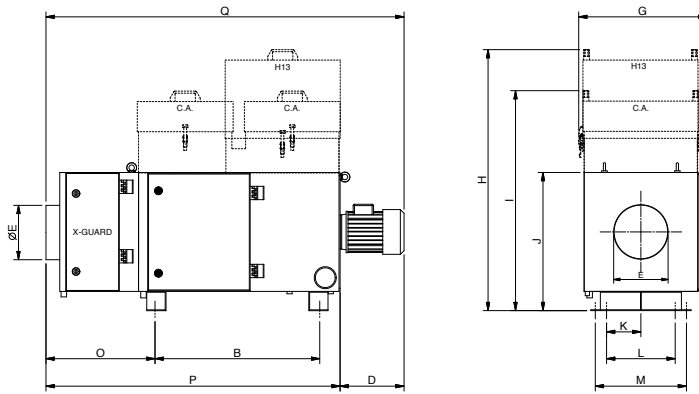
* Versione S disponibile con Biofiltro Green® e cella singola

* S-Version ist auch verfügbar mit GREEN® Biofilter und einer elektrostatischen Zelle

ANWENDUNGEN



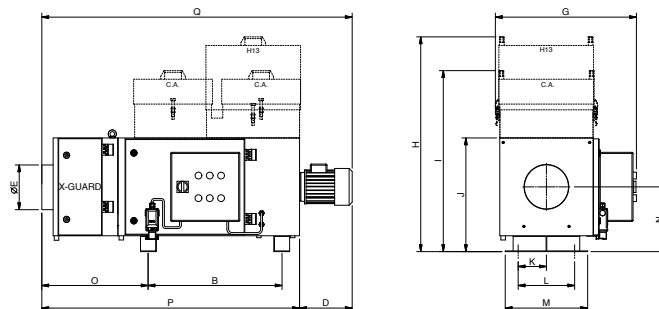
ICARUS



	B	D	G	H	I	J	K	L	M	N	O	P	Q
Icarus S	500	210	450	930	785	505	125	250	365	290	397	897	1107
Icarus M	600	235	450	930	785	505	125	250	365	290	397	997	1232
Icarus L	600	270	570	1050	905	625	125	250	365	350	447	1047	1317

MODEL	Power 50[Hz]/60[Hz]	Max air flow		Head [mmH ₂ O]	Noise level [dBa]	Ø Inlet [mm]	RPM [rpm]		Dimensions [cm]	Weight [Kg]
		50 [Hz]	60 [Hz]				50 [Hz]	60 [Hz]		
Icarus S	0,37 / 0,44	600	665	52	68,1	150	2820	3360	100x55x55	52
Icarus M	0,75 / 0,75	1040	1150	103	69,9	200	2900	3390	110x55x55	57
Icarus L	1,5 / 1,5	1680	1890	91	73,8	200	2880	3410	120x65x67	81

ICARUS EL



	B	D	E	G	H	I	J	K	L	M	N	O	P	Q
Icarus S	500	210	148	670	930	785	505	125	250	365	290	417	942	1152
Icarus M	600	235	198	670	930	785	505	125	250	365	290	467	1157	1392
Icarus L	600	270	198	790	1050	905	625	125	250	365	350	447	1172	1442

MODEL	Power 50[Hz]/60[Hz]	Max air flow		Noise level [dBa]	Ø Inlet [mm]	RPM [rpm]		Dimensions [cm]	Weight [Kg]
		50 [Hz]	60 [Hz]			50 [Hz]	60 [Hz]		
Icarus EL S	0,37 / 0,44	600	665	68,1	150	2820	3360	95x50x60	65
Icarus EL M	0,75 / 0,75	1040	1150	69,9	200	2900	3390	120x50x60	70
Icarus EL L	1,5 / 1,5	1680	1890	73,8	200	2880	3410	130x65x60	105