



**FILTROS DE HABITÁCULO PARA MAQUINARIA AGRÍCOLA Y DE OBRA PÚBLICA**  
**CABIN AIR FILTERS FOR AGRICULTURAL AND HEAVY DUTY EQUIPMENT**

**Aplicaciones**  
*Applications*

**Cruces de referencias**  
*Cross references*

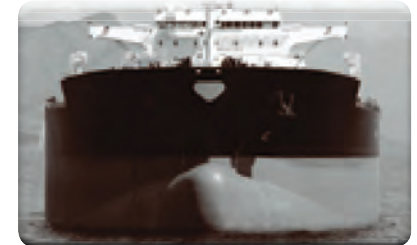
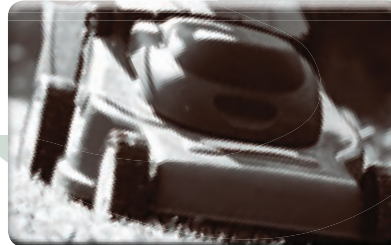
**Imágenes y dimensiones**  
*Pictures and dimensions*





DESDE FILTROS PARA PEQUEÑA MAQUINARIA  
HASTA FILTROS DE ALTO RENDIMIENTO

FROM SMALL SPECIFIC FILTERS TO  
HIGH PERFORMANCE FILTERS



La búsqueda continua de las mejores soluciones nos define.

Desde STEP FILTERS le proporcionamos una eficiente forma de proteger sus equipos, y así reducir los costes de reparación y mantenimiento derivados de una filtración inadecuada.

La calidad de nuestros productos es fundamental, en todo tipo de aplicaciones, desde la maquinaria pesada hasta aplicaciones específicas. En STEP FILTERS le aportamos la calidad de filtración necesaria para proteger su maquinaria.

La ISO 9001 y/o TS16949 son estándares de calidad necesarios para ser fabricante de primer equipo. Nosotros cumplimos dichos estándares para garantizar un producto de gran calidad y fiabilidad a nuestros clientes.

Éstos son algunos de los tests que normalmente se llevan a cabo:

- Pérdida de carga para Filtros de Aceite según la ISO 4548/1.
- Eficacia en la separación de agua en los Filtros de Combustible según la ISO 4020.
- Eficacia de la filtración por recuento de partículas según la ISO 19438 en los Filtros de Combustible.
- Ensayos de porosidad del medio filtrante.
- Envejecimiento de las juntas, papel y adhesivos, etc.

Desde STEP FILTERS, ponemos a su disposición la siguiente gama de productos:

- Filtros para maquinaria agrícola, forestal, y de obra pública.
- Filtros para pequeña maquinaria de construcción, jardinería y cortacésped.
- Prefiltros de aire ciclónicos.
- Filtros secadores para sistemas de freno (gama completa del mercado).
- Filtros para herramientas de construcción, coches sin carnet, grupos electrógenos y aplicaciones especiales.

*Searching for best solutions defines us.*

*From STEP FILTERS, we offer an efficient way of protecting your equipments, in order to reduce repair and maintenance costs, which are a consequence of a deficient filtration.*

*Our products quality is essential for us, in many areas, such from heavy duty to specific applications. In STEP FILTERS, we bring you the filtration quality needed in order to protect your machinery.*

*ISO 9001 and/or TS16949 are quality standards usually requested to become an OE supplier. We fulfill those standards in order to guarantee a high quality product.*

*These are some of the tests we usually carry out:*

- Oil filters flow resistance - ISO 4548/1.
- Fuel filters water-separation efficiency - ISO 4020.
- Fuel filters filtration efficiency relating to particles counting - ISO 19438.
- Porousness of the media.
- Gaskets, media, adhesives, etc. damage or ageing.

*From STEP FILTERS, we offer you the following product range:*

- Filters for agricultural, forestal and heavy duty applications.
- Filters for small construction equipment, gardening and lawnmowers.
- Cyclonic air prefilters.
- Air dryer filters for break systems (market complete range).
- Filters for construction machinery, no driving license cars, power generators and special applications.



**MARCA Y MODELO**  
*Manufacturer and model*

**VEHÍCULO, SERIE**  
*Vehicle, series*



**ANTONIO CARRARO**



5400	SRX ERGIT	HA47195	
7700 SUPERTIGRE	TRACTOR	HA41305	HA47189
7700 SUPERTRAC	TRACTOR	HA41305	
TIGRETRAC 7700TURBO	TRACTOR	HA47200	
8400	SRX ERGIT	HA47195	
9400	SRX ERGIT	HA47195	
10400	SRX ERGIT	HA47195	

**BRAUD & FAUCHEUX**



SB35/55, SB36, SB36 TIER 2, SB54, SB56, SB56 TIER 2	VIÑEDO	HA32118	HA47219
SB58, SB58 TIER 2, SB60, SB60 TIER 2, SB62, SB62 TIER 2	VIÑEDO	HA32118	HA47219
SB64, SB64 TIER 2, SB65, SB65 TIER 2	VIÑEDO	HA32118	HA47219

**CASE**



55, 65, 75, 85, 95	JX	HA15072	HA47194
1060C, 1070C, 1075C, 1085C, 1095C	JXC	HA46919	HA47226
1060C, 1070C, 1075C, 1085C, 1095C	JXC	HA46925	
1060C, 1070C, 1075C, 1085C, 1095C	JXC	HA46928	
JX1060V, JX1090V	JXV	HA31569	HA47216
JX1070V/N, JX1075V/N JXV/N	JXV/N	HA31569	HA47216
JX1100U, JX1090U, JX1080U, JX1070U, JX70U, JX80U, JX90U, JX100U	JXU	HA15072	HA47194
6270, 6290	TRACTOR	HA46930	

**CATERPILLAR**



D250E	DUMPER	HA47233	
CB434, CP643, CP653, CS643, CS653	COMPACTADORA	HA15101	
966 D,E,F Series 99Y1	CARGADORA	HA15101	

**CLAAS**



100 AGROFARM	TRACTOR	HA47229	
227F, 227VE, 227VL, 237VE, 237VL, 257F, 257VL, 267F, 267VL	NECTIS	HA24675	HA47191

**DEUTZ**



4.61 AGROSTAR	TRACTOR	HA33293	
4.70 AGROTRON	TRACTOR	HA33293	
4.80 AGROTRON MK I/II	TRACTOR	HA33293	
4.85 AGROTRON MK I/II	TRACTOR	HA33293	
4.90 AGROTRON MK I/II	TRACTOR	HA33293	
4.95 AGROTRON MK I/II	TRACTOR	HA33293	
6.00 AGROTRON MK I/II	TRACTOR	HA33293	
6.01 AGROTRON MK I/II	TRACTOR	HA33293	
6.05 AGROTRON MK I/II	TRACTOR	HA33293	
6.11 AGROSTAR	TRACTOR	HA33293	
6.15 AGROTRON MK I/II	TRACTOR	HA33293	
6.20 AGROTRON MK I/II	TRACTOR	HA33293	
6.21 AGROSTAR	TRACTOR	HA33293	
6.30 AGROTRON MK I/II	TRACTOR	HA33293	
6.31 AGROSTAR	TRACTOR	HA33293	
6.45 AGROTRON MK I/II	TRACTOR	HA33293	
6.61 AGROSTAR	TRACTOR	HA33293	
6.71 AGROSTAR	TRACTOR	HA33293	
6.81 AGROSTAR	TRACTOR	HA33293	
60 AGROPLUS	TRACTOR	HA47229	HA47214

**MARCA Y MODELO**  
*Manufacturer and model*

**VEHÍCULO, SERIE**  
*Vehicle, series*



**DEUTZ** (Cont)

60 F/V AGROCOMPACT	TRACTOR	HA47203	HA47192
70 AGROPLUS	TRACTOR	HA47229	HA47214
70 F/V AGROCOMPACT	TRACTOR	HA47203	HA47192
75 AGROPLUS	TRACTOR	HA47229	HA47214
80 AGROPLUS	TRACTOR	HA47229	HA47214
80 AGROTRON EURO 2	TRACTOR	HA33293	
80 AGROTRON MK I/II	TRACTOR	HA33293	
80 F/V AGROCOMPACT	TRACTOR	HA47203	HA47192
85 AGROFARM	TRACTOR	HA47229	
85 AGROPLUS	TRACTOR	HA47229	HA47214
85 AGROTRON MK I/II	TRACTOR	HA33293	
90 AGROTRON MK I/II	TRACTOR	HA33293	
90 AGROTRON EURO 2	TRACTOR	HA33293	
90 F/V AGROCOMPACT	TRACTOR	HA47203	HA47192
95 AGROPLUS	TRACTOR	HA47229	HA47214
100 AGROPLUS	TRACTOR	HA47229	HA47214
100 AGROTRON EURO 2 100 AGROTRON MK I/II/III	TRACTOR	HA33293	
105 AGROTRON EURO 2 105 AGROTRON MK I/II/III	TRACTOR	HA33293	
106 AGROTRON MK I/II/III	TRACTOR	HA33293	
108 AGROTRON EURO II	TRACTOR	HA33293	
110 AGROTRON MK I/II	TRACTOR	HA33293	
115 AGROTRON MK III	TRACTOR	HA33293	
118 AGROTRON EURO 2	TRACTOR	HA33293	
120 AGROTRON MK I/II/III	TRACTOR	HA33293	
128 AGROTRON EURO 2	TRACTOR	HA33293	
130 AGROTRON EURO 2	TRACTOR	HA33293	
135 AGROTRON MK I/II/III	TRACTOR	HA33293	
140 AGROTRON EURO 2	TRACTOR	HA33293	
150 AGROTRON MK I/II/III	TRACTOR	HA33293	
155 AGROTRON EURO 2	TRACTOR	HA33293	
160 AGROTRON MK I/II/III	TRACTOR	HA33293	
165 AGROTRON EURO 2	TRACTOR	HA33293	
165 AGROTRON MK III	TRACTOR	HA33293	
175 AGROTRON MK I/II/III	TRACTOR	HA33293	
180.7 AGROTRON	TRACTOR	HA33293	
200 AGROTRON MK I/II/III	TRACTOR	HA33293	
210 AGROTRON EURO 2	TRACTOR	HA33293	
230 AGROTRON MK I/II/III	TRACTOR	HA33293	
235 AGROTRON EURO 2	TRACTOR	HA33293	
260 AGROTRON MK I/II/III	TRACTOR	HA33293	
265 AGROTRON EURO 2	TRACTOR	HA33293	
4100 AGROTRON	TRACTOR	HA33293	
6105 AGROTRON	TRACTOR	HA33293	
6110 AGROTRON	TRACTOR	HA33293	
6120 AGROTRON	TRACTOR	HA33293	
6135 AGROTRON	TRACTOR	HA33293	
6150 AGROTRON	TRACTOR	HA33293	

**FENDT**

250 S/SA/V/VA	FARMER	HA46929	
260 S/SA/V/VA	FARMER	HA46929	
270 V/VA	FARMER	HA46929	
280 S/SA/V/VA/P/PA	FARMER	HA46929	
303 LS	FARMER	HA46929	
304 LS	FARMER	HA46929	
305 LS/LSA	FARMER	HA46929	
306 S/LS/LSA	FARMER	HA46929	

**MARCA Y MODELO**  
*Manufacturer and model*

**VEHÍCULO, SERIE**  
*Vehicle, series*



**FENDT (Cont)**



307 LS/LSA	FARMER	HA46929
308 S/LS/LSA	FARMER	HA46929
309 S/LS/LSA	FARMER	HA46929
310 LS/LSA	FARMER	HA46929
311 LSA	FARMER	HA46929
312 LSA	FARMER	HA46929
F 345 GT/GTM	TRACTOR	HA46929
F 360 GT/GTF/GTH	TRACTOR	HA46929
F 365 GTA	TRACTOR	HA46929
F 380 GT/GTA/GTF	TRACTOR	HA46929
F 390 GTA	TRACTOR	HA46929
520 522 524	HYLON	HA46929

**FERRARI AGRI**



75 RS	TRACTOR	HA47230	HA47215
THOR 90	TRACTOR	HA47237	

**FIAT**



L60, L65, L75, L85, L95	L-SERIES	HA15072	
65-90	TRACTOR	HA28121	
70-66	TRACTOR	HA47228	HA46922
88-94	TRACTOR	HA46929	
F 100 DT	TRACTOR	HA28121	HA47236
M100, M115, M135, M160	M-SERIES	HA15072	
F 110 DT	TRACTOR	HA28121	HA47236
F 115 DT	TRACTOR	HA28121	HA47236
F 120 DT	TRACTOR	HA28121	HA47236
F 130	TRACTOR	HA28121	HA47236
F 130 WINNER	TRACTOR	HA15072	
F 140	TRACTOR	HA28121	HA47236
F 140 WINNER	TRACTOR	HA15072	
160-90	TRACTOR	HA37832	
180-90	TRACTOR	HA37832	
1580	TRACTOR	HA15101	HA47234
1880	TRACTOR	HA15101	HA47234

**FIAT ALLIS**



FE 16	PALA	HA31464	
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**FIAT HITACHI**



ZX70, 80, 110, 130, 135, 160W	CARGADORA	HA38308	
ZX75UR, ZX85US, ZX225US(LC), ZX225US(LC)-3	CARGADORA	HA44884	
FB90	PALA	HA32929	
W90	CARGADORA	HA34595	
FB100	PALA	HA32929	
FB110	PALA	HA32929	
W110	CARGADORA	HA34595	
W130	CARGADORA	HA34595	
W170	CARGADORA	HA34595	
D180	BULLDOZER		HA41329
W190	CARGADORA	HA34595	
FB200	PALA	HA32929	
ZX200(LC)-3, ZX210(LC)H-3, ZX210(LC)K-3, ZX240(LC)-3, ZX250(LC)H-3	CARGADORA	HA43405	
ZX200(LC)-3, ZX210(LC)H-3, ZX210(LC)K-3, ZX240(LC)-3, ZX250(LC)H-3	CARGADORA	HA43406	

**MARCA Y MODELO**  
*Manufacturer and model*
**VEHÍCULO, SERIE**  
*Vehicle, series*

**FIAT HITACHI (Cont)**

		
LX 210E, LX 290E	CARGADORA	HA34595
ZX210, 225, 230, 350, 450, 650, 850, 850-5	CARGADORA	HA38308
ZX225USR(LC)-3, ZX225USR(LC)K, ZX225USRK(LC)-3	CARGADORA	HA44884
ZX225US(LC)-E, ZX225USR(LC)	CARGADORA	HA44884
W230	CARGADORA	HA34595
ZX250(LC)K-3, ZX250LC(N)-3, ZX270(LC)-3, ZX280LC(N/H)-3, ZX330(LC)-3	CARGADORA	HA43405
ZX250(LC)K-3, ZX250LC(N)-3, ZX270(LC)-3, ZX280LC(N/H)-3, ZX330(LC)-3	CARGADORA	HA43406
W270	CARGADORA	HA34595
ZX350(LC)H-3, ZX350(LC)K-3, ZX350(LC)N-3, ZX450(LC)-3, ZX470(LC)H-3	CARGADORA	HA43405
ZX350(LC)H-3, ZX350(LC)K-3, ZX350(LC)N-3, ZX450(LC)-3, ZX470(LC)H-3	CARGADORA	HA43406
EX1200-5C, EX1200-5D	CARGADORA	HA44885
FB2000	PALA	HA32929
ZX500LC3, ZX520LCH3, ZX650LC3, ZX670LCH3, ZX850(LC)3, ZX870(LC)H3	CARGADORA	HA43405
ZX500LC3, ZX520LCH3, ZX650LC3, ZX670LCH3, ZX850(LC)3, ZX870(LC)H3	CARGADORA	HA43406

**FIAT KOBELCO**

		
W130, W170 (PL), W171, W190, W190 (PL)	CARGADORA	HA34595
W270 EVOLUTION	CARGADORA	HA34595

**FIATAGRI (CNH GLOBAL)**

		
55.66 VF	TRACTOR	HA36075
L60	TRACTOR	HA15072
L65	TRACTOR	HA15072
66	TRACTOR	HA36075
L75	TRACTOR	HA15072
L85	TRACTOR	HA15072
L95	TRACTOR	HA15072
WINNER F130 HI.LO	TRACTOR	HA15072
M135	TRACTOR	HA15072
M135DT	TRACTOR	HA15072
WINNER F140	TRACTOR	HA15072
M160	TRACTOR	HA15072
F 390 GTA	TRACTOR	HA46929

**FORD**

		
555E	PALA	HA32929
655E	PALA	HA32929
675E	PALA	HA32929

**FORD AGRI**

		
3120	TRACTOR	HA46930
3610	TRACTOR	HA46930
4635	TRACTOR	HA15072 HA47194
4835	TRACTOR	HA15072 HA47194
5635	TRACTOR	HA15072 HA47194
5640 (SL, SEL)	TRACTOR	HA15072 HA47194
6635	TRACTOR	HA15072 HA47194
6640 (SL, SEL)	TRACTOR	HA15072
6700	TRACTOR	HA15072 HA47194
7740 (SL, SEL)	TRACTOR	HA15072 HA47194
7840	TRACTOR	HA15072 HA47194
8160	TRACTOR	HA15072 HA47194
8240 (SL, SEL)	TRACTOR	HA15072 HA47194
8260	TRACTOR	HA15072 HA47194



**MARCA Y MODELO**  
*Manufacturer and model*

**VEHÍCULO, SERIE**  
*Vehicle, series*



**FORD AGRI (Cont)**



8340 (SL, SEL)	TRACTOR	HA15072	HA47194
8360	TRACTOR	HA15072	HA47194
8560	TRACTOR	HA15072	HA47194

**FORD NEW HOLLAND**



TL70, TL80, TL90, TL100	TL	HA15072	
M100 (con aire acondicionado), M115 (con aire acondicionado)	SUPERLUXE	HA15072	
TL100A, TL70A, TL80A, TL90A	TLA	HA15072	
JXU105, JXU75, JXU85, JXU95	TL	HA15072	
M135 (con aire acondicionado), M160 (con aire acondicionado)	SUPERLUXE	HA15072	
4635, 4835, 5635, 6635, 7635	DELUXE	HA15072	
4635, 4835, 5635, 6635, 7635, 8160, 8260, 8360	SUPERLUXE	HA15072	
7740, 7840 <03/97, 8240 <03/97, 8340 <03/97	SUPERLUXE	HA15072	

**FURUKAWA**



335 SERIE II	CARGADORA	HA34595	HA47217
735 LSTRONIC	PALA	HA34595	
745 II	PALA	HA34595	

**HOLDER**



A760	TRACTOR	Normal	HA46929
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**HUERLIMANN**



XF 75	TRACTOR	HA47204	HA46923
XS 75	TRACTOR	HA47203	
XB MAX 85	TRACTOR	HA47229	
XT 95	TRACTOR	HA47231	
H100	TRACTOR	HA33293	
XB MAX 100	TRACTOR	HA47229	
XT 105	TRACTOR	HA47231	
XT 110	TRACTOR	HA47231	
XT 115	TRACTOR	HA47231	
XT 130	TRACTOR	HA47231	
H356	TRACTOR	HA47199	
H358 PRESTIGE	TRACTOR	HA27973	
H358.4 CLUB	TRACTOR	HA27973	
H466	TRACTOR	HA47199	
H466.4	TRACTOR	HA47199	
H468	TRACTOR	HA27973	
H468.4	TRACTOR	HA27973	
H476	TRACTOR	HA47199	
H476.4	TRACTOR	HA47199	
H478	TRACTOR	HA27973	
H478.4	TRACTOR	HA27973	
H488 PRESTIGE	TRACTOR	HA27973	
XA 606	TRACTOR	HA47204	HA46923
XA 607	TRACTOR	HA47204	HA46923
XA 655	TRACTOR	HA47204	HA46923
XA 656	TRACTOR	HA47204	
XA 657	TRACTOR	HA47204	HA46923
XA 658	TRACTOR	HA47204	HA46923
XN 706	TRACTOR	HA47203	HA47192
XN 707	TRACTOR	HA47203	HA47192
XN 708	TRACTOR	HA47203	HA47192

**MARCA Y MODELO**  
*Manufacturer and model*

**VEHÍCULO, SERIE**  
*Vehicle, series*



**HUERLIMANN (Cont)**



XT 908	TRACTOR	HA27973
XT 909	TRACTOR	HA27973
XT 910.4	TRACTOR	HA27973
XT 910.6	TRACTOR	HA27973
XT 911	TRACTOR	HA27973
XT 913	TRACTOR	HA27973
H4105 TURBO	TRACTOR	HA27973
H6135 ELITE	TRACTOR	HA27973

**HYUNDAI**



HL710	CARGADORA	HA47202
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**IHC**



335 SERIE II	CARGADORA	HA34595	HA47217
345 SERIE II, 365-II	CARGADORA	HA34595	
735 II LSTRONIC, 738 II LSTRONIC	CARGADORA	HA34595	
W 735 II, W 738 II	CARGADORA		HA47217

**JOHN DEERE**



5210	TRACTOR	HA24675	HA47191
5310	TRACTOR	HA24675	HA47191
5315	TRACTOR	HA47232	HA47223
5410	TRACTOR	HA24675	HA47191
5510	TRACTOR	HA24675	HA47191
5515	TRACTOR	HA47232	HA47223

**KOMATSU**



D41E-6C, D41P-6C	BULLDOZER	HA37498
D85EX-15, D85EX-15SL, D85PX-15	BULLDOZER	HA37498
D85EX-15, D85PX-15	BULLDOZER	HA37498
D155AX-5, D155AX-5B, D155AX-5SL	BULLDOZER	HA37498
D155AX-6, D155AX-6SL	BULLDOZER	HA37498
PC160LC-7, PC160LC-7K	EXCAVADORA	HA37498
PC200-7, PC200-7B, PC200LC-7, PC200LC-7B, PC200LL-7	EXCAVADORA	HA37498
PW200-7	EXCAVADORA	HA37498
WA200-5, WA200L-5	CARGADORA	HA37498
WA200-5L, WA200PT-5L	CARGADORA	HA37498
HM300-2	CARGADORA	HA37498
PC300-7, PC300HD-7, PC300HD-7L, PC300HD-7MH,	EXCAVADORA	HA37498
PC300LC-7, PC300LC-7L, PC300LL-7L	EXCAVADORA	HA37498
HM350-2	DUMPER	HA37498
HM400-2	DUMPER	HA37498
WA400-5, WA400-5L, WA400-5WH	CARGADORA	HA37498
WA450-5, WA450-5L, WA450-5 WH	CARGADORA	HA37498
D475A-5	BULLDOZER	HA37498
D475A-5EO, D475ASD-5EO	BULLDOZER	HA37498
WA480-5, WA480-5L	CARGADORA	HA37498
PC600LC-7, PC600LC-7MH	EXCAVADORA	HA37498

**LAMBORGHINI**



R3-95	TRACTOR	HA27973
R4-95	TRACTOR	HA27973
R6-130	TRACTOR	HA33293

**LAMBORGHINI** (Cont)



R6-140	TRACTOR	HA33293	
R6-150	TRACTOR	HA33293	
R7-175	TRACTOR	HA33293	
R7-190	TRACTOR	HA33293	
R7-200	TRACTOR	HA33293	
135, 150, 160, 180	CHAMPION	HA27973	
230, 260	VICTORY	HA33293	
660 AGILE	TRACTOR	HA47203	HA47192
660 PLUS	TRACTOR	HA47204	HA46923
770 AGILE	TRACTOR	HA47203	HA47192
774-80 GRAND PRIX	TRACTOR	HA27973	
C774-80 ERGOMATIC	TRACTOR	HA27973	
775 PLUS	TRACTOR	HA47204	HA46923
850, 950, 1040, 1060, 1100, 1300	PREMIUM	HA27973	
874-90TURBO GRAND PRIX	TRACTOR	HA27973	
880 AGILE	TRACTOR	HA47203	HA47192
880 PLUS	TRACTOR	HA47204	HA46923
990 AGILE	TRACTOR	HA47203	HA47192
990 PLUS	TRACTOR	HA47204	HA46923

**LANDINI**



ALPINE			HA47220
LANDPOWER			HA47220
NEW REX V TIER 2			HA47221
POWERFARM			HA47220
POWERMASTER			HA47220
VIGNETO		HA24675	HA47191
50, 55	MISTRAL	HA47201	HA47190
50, 55TOP, 60, 65TOP, 70, 75TOP, 80TOP	GLOBUS	HA32025	HA47218
50, 55, 60, 65, 70, 75, 80	GLOBUS	HA47233	HA47225
55, 60, 75	F/V ADVANTAGE	HA24675	HA47191
60, 65, 70, 80	REX VIÑEDO	HA24675	HA47191
60, 65, 70, 80, 90, 100	REX	HA24675	HA47191
60F/GE, 70F/GE, 75F/GT/GE, 80F/GE, 85F/GT/GE, 95F/GT/GE, 105F/GT/GE	REX NEWTIER 2		HA47191
65 GT/V		HA24675	HA47191
65, 75, 85, 95	BLIZZARD	HA24675	HA47191
75 FGT ADVANTAGE		HA24675	HA47191
75, 85	VIÑEDO		HA47191
80, 85, 90, 95, 100, 105	GHIBLI	HA32025	HA47218
80, 90	VISION T/TP	HA32025	HA47218
85 F ADVANTAGE		HA24675	HA47191
85 GT ADVANTAGE		HA24675	HA47191
85, 95, 100, 105	VISION	HA32025	HA47218
90, 100, 110	MYTHOS GREEN	HA32025	HA47218
95 GT ADVANTAGE L		HA24675	HA47191
105, 115, 130, 145	LEGEND	HA47233	HA47225
105, 115, 130, 145, 165	LEGEND	HA32025	HA47218
115 MYTHOSTDI 2006 ->	LEGEND	HA32025	
120 TOP, 125TDI, 130 TOP, 135TDI	LEGEND II	HA32025	HA47218
140 TOP, 145TDI, 160, 165TDI, 180, 185TDI	LEGEND II	HA32025	HA47218
560	FRUTTETO	HA24675	HA47191
5860, 6860	GREEN	HA32025	HA47218
7860 BLUE		HA32025	HA47218
8860 GREEN/BLUE		HA32025	HA47218
9080		HA24675	HA47191
9880 EVOLUTION		HA24675	HA47191
10000, 13000	LARGE	HA24675	HA47191

**MARCA Y MODELO**  
*Manufacturer and model*
**VEHÍCULO, SERIE**  
*Vehicle, series*


<b>LANDINI (Cont)</b>				
14500 R			HA32025	HA47218
<b>LAVERDA</b>				
296 LCS	MIXTA		HA47197	
296 LCS	MIXTA		HA47196	
M305	MIXTA		HA47197	
521	TRACTOR		HA32118	
L 521	MIXTA		HA32118	
L 521, L521 MCS, L624 MCS, L627	MIXTA		HA32118	HA47219
3600, 3600R	MIXTA		HA47196	
3850, 3890	MIXTA		HA47196	
<b>LIEBHERR</b>				
A 314 >2008, A 934 C >2007, A 904 C, R 313 >2006	PALA		HA34595	
A 900C >2004, R 954 >2005, R 317 >2005, A 900C ZW >2004	PALA		HA34595	
A/R 900 C, A/R 904 C, A/R 924 C, R 924 Compact, A/R 934 C	PALA			HA40592
R 924 Compact, A/R 934 C	PALA			HA40592
<b>MC CORMICK</b>				
GM40, GM45, GM50, GM55	TRACTOR		HA47201	HA47190
GX40, GX45, GX50, GX55	TRACTOR		HA32025	HA47218
V60, V65, V70, V75, V80, V85	TRACTOR		HA24675	HA47191
F60, F70, F75, F80, F85 F/GE/XL, F90, F95, F100, F105	TRACTOR		HA24675	HA47191
60, 75, 85, 95, 105	C-MAX			HA47220
65, 75, 85	CX-L			HA47220
<b>MASSEY FERGUSON</b>				
36 RS	MIXTA		HA24675	HA47191
354, 364, 374	TRACTOR		HA24675	HA47191
374 S, 384, 384 S	TRACTOR			HA47235
675, 690	TRACTOR		HA24675	
3050, 3055, 3060, 3065, 3070, 3075, 3080, 3085, 3090, 3095	3000 SERIES		HA46930	
3115, 3120, 3125, 3120T, 3125, 3140	3100 SERIES		HA46930	
3435	TRACTOR			HA47222
3610, 3630, 3635, 3645, 3650, 3655, 3660, 3670, 3680, 3690	3600 SERIES		HA46930	
4215, 4220, 4225, 4235, 4240, 4245, 4255, 4315, 4320, 4325, 4335	LO-PROFILE		HA46930	
4225, 4235, 4240, 4245, 4255, 4260, 4270, 4325, 4335	HI-LINE		HA46930	
5425, 5435, 5445, 5455, 5460, 5465, 6110, 6120	DELUXE		HA46930	
6130, 6140, 6150, 6160, 6170, 6180, 6190, 6235	DELUXE		HA46930	
7270 AL BETA, 7270 BETA	MIXTA		HA47196	HA47188
<b>MECALAC</b>				
10 MSX, 12 MSX, 12 MX, 12 MXT, 14 MXT/MBX	CARGADORA		HA33293	
<b>NEW HOLLAND (CNH GLOBAL)</b>				
SB 35/55, SB36, SB36 TIER 2, SB54, SB56, SB56 TIER 2	VIÑEDO		HA32118	HA47219
40, 45, 50, 55	TCE		HA47201	
55D, 55S, 55V, 65D, 65F, 65N, 65S, 65V, 70D, 70F, 70S, 75D	TN		HA31569	HA47216
SB58, SB58 TIER 2, SB60, SB60 TIER2, SB62, SB62 TIER 2	VIÑEDO		HA32118	HA47219
L60	TRACTOR		HA15072	HA47194
L60 HYDRO	TRACTOR		HA15072	HA47194
TN60 VA, TN70 NA, TN70 VA, TN75 FA, TN75 NA, TN75 VA	TRACTOR		HA46919	HA47226



**NEW HOLLAND (CNH GLOBAL) (Cont)**

SB64, SB64 TIER 2, SB65, SB65 TIER 2	VIÑEDO	HA32118	HA47219
L65	TRACTOR	HA15072	HA47194
L65 HYDRO	TRACTOR	HA15072	HA47194
TX66, TX68, TX68 PLUS	MIXTA	HA46929	
70, 70A, 80, 80A, 90, 90A, 100, 100A	TL	HA15072	HA47194
L75	TRACTOR	HA15072	HA47194
L75 HYDRO	TRACTOR	HA15072	HA47194
TMV 75 VIGNERON	TRACTOR		HA47216
75F, 75N, 75S, 75V, 80F, 90F, 95F	TN	HA31569	HA47216
75, 85, 95	NH	HA32929	
TF78	TRACTOR	HA46929	
80, 90, 100, 110, 115 TS	TRACTOR	HA15072	HA47194
L85	TRACTOR		HA47194
L85 HYDRO	TRACTOR	HA15072	HA47194
TN85 FA, TN95 FA, TN95 NA, TN95 VA	TRACTOR	HA46919	HA47226
88.94	TRACTOR	HA46929	
L95	TRACTOR	HA15072	HA47194
L95 HYDRO	TRACTOR	HA15072	HA47194
95-4	TRACTOR	HA32929	
F 100, F 100 DT	TRACTOR	HA28121	HA47236
M100	TRACTOR	HA15072	HA47194
F 110, F 110 DT	TRACTOR	HA28121	HA47236
F 115, F 115 DT	TRACTOR	HA28121	HA47236
M115	TRACTOR	HA15072	HA47194
115, 120, 125, 135, 150, 165	TM	HA15072	HA47194
F 120, F 120 DT	TRACTOR	HA28121	HA47236
F 130, F 130 DT	TRACTOR	HA28121	HA47236
M135	TRACTOR	HA15072	HA47194
M135 DT	TRACTOR	HA15072	HA47194
F 140, F 140 DT	TRACTOR	HA28121	HA47236
M160	TRACTOR	HA15072	HA47194
M160 DT	TRACTOR	HA15072	HA47194
240, 240 TIER 2, 260, 260 TIER 2	VN		HA47224
VN300	RECOLECTORA		HA47227
680 7090	VX		HA47227
2080, 2090	VN		HA47227
3080, 3090, 340, 370, 4090	VM		HA47227
4635	TRACTOR	HA15072	HA47194
4635 >03/1995	TRACTOR	HA15072	HA47194
4835	TRACTOR	HA15072	HA47194
4835 S/N 34759	TRACTOR	HA15072	HA47194
5030, 5040, 5050, 5060, 5070	T	HA15072	HA47194
5040, 5050, 55D, 65D, 75D, 80 PLUS, 85D, 90D PLUS, 95D, 95D PLUS	TD	HA15072	HA47194
5060, 5070, 5080, 5090, 530, 540, 550, 570, 600, 6040, 6050	VL		HA47227
5635	TRACTOR	HA15072	HA47194
5635 S/N 34759	TRACTOR	HA15072	HA47194
5640 SL	TRACTOR	HA15072	HA47194
5640 SLE	TRACTOR	HA15072	HA47194
6060, 6070, 6080, 6090, 610, 620, 630, 640, 660	VL		HA47227
6635	TRACTOR	HA15072	HA47194
6635 >03/1995	TRACTOR	HA15072	HA47194
6640	TRACTOR	HA15072	HA47194
6640 SL	TRACTOR	HA15072	HA47194
6640 SLE	TRACTOR	HA15072	HA47194
7635	TRACTOR	HA15072	HA47194
7740 SL	TRACTOR	HA15072	HA47194
7740 SLE	TRACTOR	HA15072	HA47194
7840	TRACTOR	HA15072	HA47194

**MARCA Y MODELO**  
*Manufacturer and model*
**VEHÍCULO, SERIE**  
*Vehicle, series*

**NEW HOLLAND (CNH GLOBAL) (Cont)**

8160	TRACTOR	HA15072	HA47194
8240	TRACTOR	HA15072	HA47194
8260	TRACTOR	HA15072	HA47194
8340	TRACTOR	HA15072	HA47194
8340 SL	TRACTOR	HA15072	HA47194
8340 SLE	TRACTOR	HA15072	HA47194
8360	TRACTOR	HA15072	HA47194
8560	TRACTOR	HA15072	HA47194
8770	TRACTOR	HA15072	HA47194

**O & K**

L 15-5	CARGADORA	HA34595	
L 25-5	CARGADORA	HA34595	

**REFORM**

MOUNTY 100	TRACTOR	HA46929	
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**RENAULT AGRI**

50-12 LB/V	TRACTOR	HA24675	HA47191
55-12 LB/V/F	TRACTOR	HA24675	HA47191
55-14 LB/V	TRACTOR	HA24675	HA47191
70-12 V/F	TRACTOR	HA24675	HA47191
70-14 LB/V/F	TRACTOR	HA24675	HA47191
80-12 F	TRACTOR	HA24675	HA47191
80-14 F/LB	TRACTOR	HA24675	HA47191
110, 120, 130, 140	DIONIS	HA24675	HA47191
110, 120, 130, 140	FRUCTUS	HA24675	HA47191
RB140	TRACTOR	HA41305	
210, 230, 240	PALAS	HA24675	HA47191

**SABO**

ROBERINE 1902	TRACTOR	HA46929	
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**SAME**

ERGOMATIC	EXPLORER	HA27973	
ERGOMATIC	EXPLORER	HA47196	
EXPLORER IITOP	TRACTOR	HA27973	
EXPLORER IITOP	TRACTOR	HA47196	
EXPLORER IITOP	TRACTOR	HA47229	
SPECIAL EXPLORER	TRACTOR	HA27973	
55, 60, 60DT, 60F, 65, 70	EXPLORER	HA47196	
55, 60, 60DT, 60F, 65, 70, 90TURBO	EXPLORER	HA27973	
55, 60, 65, 70, 75, 80TURBO	DORADO	HA47229	
55, 60, 65, 70, 75, 80TURBO	DORADO	HA47204	
55F, 70F, 70S, 70V, 75F, 75S, 75V, 90F, 90S, 90V, 100, 100S, 100V	DORADO	HA47203	HA47192
56, 66, 76, 86	DORADO	HA47229	
56, 66, 76, 86	DORADO	HA47204	HA46923
60 SPECIAL EXPLORER	TRACTOR	HA27973	
60, 65, 75, 85	GOLDEN	HA47203	HA47192
60, 75, 85	FRUTTETO II	HA47204	HA46923
CENTAURO 70 EXPORT	TRACTOR	HA46920	
75 EXPORT, 85 EXPORT	EXPLORER	HA27973	
75 EXPORT, 85 EXPORT	EXPLORER	HA47196	



**SAME (Cont)**

75 EXPORT, 85 EXPORT	EXPLORER	HA47229	
75 EXPORT, 85 EXPORT	EXPLORER	HA47204	HA46923
75, 80, 85, 90	EXPLORER	HA47229	
75, 80, 85, 90	EXPLORER	HA47204	HA46923
CENTAURO 75	TRACTOR	HA46920	
CENTURION 75	TRACTOR	HA46920	
ERGOMATIC 75, ERGOMATIC 80	EXPLORER	HA27973	
ERGOMATIC 75, ERGOMATIC 80	EXPLORER	HA47196	
ERGOMATIC 75, ERGOMATIC 80	EXPLORER	HA47204	HA46923
80, 90, 110, 130, 160	SILVER	HA27973	
85, 90 TURBO	LEOPARD	HA46920	
90	PANTHER	HA46920	
90, 100, 110, 130, 150	LASER	HA47199	
90, 100, 110, 130, 150	LASER	HA47196	HA47193
JAGUAR 100	TRACTOR	HA46920	
100, 110, 130	ANTARES	HA27973	
100.4 SILVER	TRACTOR	HA27973	
100.6 SILVER	TRACTOR	HA47203	HA47192
S120	DRAGO	HA46920	
120, 130	BUFFALO	HA46920	
120, 135, 150, 160, 180, 200	RUBIN	HA33293	
130, 140, 150, 165S, 175S, 190S, 200	IRON	HA33293	
137	ARIETE	HA33293	
150	HERCULES		HA46920
150	TURBO LASER	HA47199	
150	TURBO LASER	HA47196	HA47193
170 GALAXY	TRACTOR	HA47199	
170 GALAXY	TRACTOR	HA47196	
230, 260	DIAMOND II	HA33293	

**TBM**



80, 81-10	FORESTAL	HA46929	
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**VALTRA VALMET**



8300, 8300T, 8600, 8800, 8850	TRACTOR	HA46930	
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**VOLVO**



A25D	DUMPER	HA30676	
A25D	DUMPER	HA30677	
A30D	DUMPER	HA30676	
A30D	DUMPER	HA30677	
A35D	DUMPER	HA30676	
A35D	DUMPER	HA30677	
L60E	CARGADORA	HA30676	
L60E	CARGADORA	HA30677	
L60F	CARGADORA	HA30676	
L60F	CARGADORA	HA30677	
BL61	CARGADORA	HA30677	
L70E	CARGADORA	HA30676	
L70E	CARGADORA	HA30677	
L70F	CARGADORA	HA30676	
L70F	CARGADORA	HA30677	
BL71	CARGADORA	HA30677	
L90F	CARGADORA	HA30676	
L90F	CARGADORA	HA30677	

**MARCA Y MODELO**  
*Manufacturer and model*

**VEHÍCULO, SERIE**  
*Vehicle, series*



**VOLVO** (Cont)

L110E	CARGADORA	HA30677
L110E	CARGADORA	HA30676
L120E	CARGADORA	HA30676
L120E	CARGADORA	HA30677
EW140, EW160	PALA	HA34595
L150E	CARGADORA	HA30676
L150E	CARGADORA	HA30677
EC160	PALA	HA34595
EW160C	EXCAVADORA	HA30677
EW180C	EXCAVADORA	HA30677
L180C	CARGADORA	HA30676
L180C	CARGADORA	HA30677
L180E	CARGADORA	HA30676
L180E	CARGADORA	HA30677
L180EHL	CARGADORA	HA30676
L180EHL	CARGADORA	HA30677
L180F	CARGADORA	HA30676
L180F	CARGADORA	HA30677
L220D	CARGADORA	HA30676
L220D	CARGADORA	HA30677
L220E	CARGADORA	HA30676
L220E	CARGADORA	HA30677
L220F	CARGADORA	HA30676
L220F	CARGADORA	HA30677
L330E	CARGADORA	HA30676
L330E	CARGADORA	HA30677
L350F	CARGADORA	HA30676
L350F	CARGADORA	HA30677





## CRUCES DE REFERENCIAS ORDENADAS POR FABRICANTE

*Cross references by brand*

REFERENCIAS  
References



### ANTONIO CARRARO

047209	HA47191
047210	HA24675
200790	HA47232
45305061	HA47189
45305574	HA47195
45305768	HA31464
48013048	HA41305

### BALDWIN

PA4592	HA15101
PA5310	HA30677

### BRIEDA

1AC1304	HA47195
1AC1306	HA47196
1AC1310	HA47189
1AC1327	HA47188
1AC1328	HA27973
1AC1329	HA41305
1AC1333	HA47202
1AC1355	HA47200
1AC2302	HA47191
1AC2305	HA24675
1AC2360	HA47197
1AC3266	HA46928
1AC4331	HA47201
1AC4341	HA47190

### CARQUEST

83979	HA30677
89319	HA15101

### CASE

47128198	HA15072
47135045	HA47226
47135048	HA46925
47135054	HA46928
5097838	HA47194
5196842	HA15072

### CATERPILLAR

7R2258	HA15101
7R2258E	HA15101

### CM

CMC5020	HA30677
CMC5021	HA30676

REFERENCIAS  
References



### CNH

47129095	HA47226
47131906	HA46925
47131907	HA46928

### CORMICK

3302666M92	HA24675
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### DENSO

0145200990	HA37498
145200990	HA37498
14520990	HA37498

### DEUTZ

4383944	HA33293
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### DONALDSON

P500194	HA30677
P776490	HA15101
P783687	HA46929

### FENDT

F178810140010	HA46929
F198810140010	HA46929

### FIAAM

PA7013	HA46920
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### FIAT

300135837	HA47196
321750750	HA32118
4991907	HA46920
5108728	HA15101
5124932	HA28121
5141540	HA37832
5160985	HA28121
5181232	HA15072
76067303	HA41329
79020887	HA46920
79045228	HA31464
79076385	HA36075
79079546	HA24675

### FIAT-ALLIS

1930782	HA15101
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### FILTER CENTER

PA0198	HA30677
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### FLEETGUARD

AF25574	HA15072
AF25675	HA15101

REFERENCIAS  
References



AF26267 HA30677

AF26384 HA30676

AF4663 HA46929

### FORD

82014790 HA15072

83994739 HA15072

F0NN18N385AB HA15072

### GPC

EP5001 HA36075

### HI-FI

SC17180 HA36075

SC33280 HA46920

SC50020 HA46929

SC60008 HA24675

SC60014 HA30677

SC60015 HA30676

SC70001 HA32929

SC70004 HA37832

SC70016 HA38308

SC70028 HA32025

SC70038 HA32118

SC70054 HA41329

SC90017 HA34595

### HITACHI

154227500 HA34595

4350249 HA38308

4455778 HA44884

4484453 HA44885

4632689 HA43406

4643580 HA43405

### KOBELCO

321750750 HA32118

### KUBOTA

W233671600 HA41305

### LANDINI

1427161M91 HA46920

3311741M91 HA47191

3540200M1 HA47196




3540220M1 HA47190

3556390M92 HA47225

3651225M91 HA32025

3651225M92 HA32025

**CRUCES DE REFERENCIAS ORDENADAS POR FABRICANTE**  
*Cross references by brand*

REFERENCIAS References		REFERENCIAS References		REFERENCIAS References	
3651506M92	HA47218	001095352	HA47192	SKL46096	HA31569
3669484M1	HA47201	001100852	HA47214	SKL46127	HA30677
3677515M92	HA47220	001203142	HA47222	SKL46128	HA30676
3678352M91	HA47220	001393292	HA47231	SKL46130	HA41329
3683541M91	HA47221	001393292/10	HA47231	SKL46164	HA37498
<b>LAVERDA</b>					
0032175075	HA32118	00139329210	HA47231	SKL46194	HA40592
003217507500	HA32118	00943030	HA47193	SKL46224	HA44885
003229352500	HA47196	1053652	HA47229	SKL46232SET	HA46919
32175075	HA32118	4383944	HA33293	SKL46233	HA46925
3217507500	HA32118	4383944EA1101	HA33293	SKL46234	HA46928
3228202500	HA47197	4383944EA11018515	HA33293	SKL46235	HA43405
<b>LIEBHERR</b>					
7028951	HA40592	46786303	HA47188	SKL46240	HA43406
<b>MANN-FILTER</b>					
C60148	HA46929	9200330201	HA46920	SKL46275	HA44884
<b>MASSEY FERGUSON</b>					
3302666M92	HA24675	920033021	HA46920	<b>SIAC</b>	
3302666M92A	HA24675	92443302	HA47196	303622AD	HA24675
3388890M1	HA46930	92443303	HA47196	<b>STEYR</b>	
3389746M1	HA46930	9244330310	HA41305	47135046	HA47226
3556389M92	HA47233	98534812	HA47199	47135049	HA46925
3900826M1	HA46930	985348121	HA47199	47135055	HA46928
<b>NAPA</b>					
4319	HA15101	98706512	HA27973	<b>VAPORMATIC</b>	
9979	HA30677	994232	HA46923	VPM8006	HA46929
<b>NEW HOLLAND</b>					
1868102	HA15072	994242	HA47204	<b>VIRGIS</b>	
44910080	HA47228	<b>SF-FILTER</b>			
44910397	HA31569	SKL2521AK	HA46923	DF15688	HA46929
47128151	HA15072	SKL2524	HA46920	PF15890	HA32025
47137321	HA31569	SKL2526	HA24675	<b>VOLVO</b>	
5176033	HA46922	SKL2527	HA27973	11703979	HA30677
81868102	HA15072	SKL2528	HA36075	11703980	HA30676
82012057	HA15072	SKL2529	HA41305	117059667	HA34595
85801619	HA32929	SKL2532	HA15101	<b>WIX</b>	
922214	HA46929	SKL2533	HA31464	24319	HA15101
<b>RENAULT</b>					
6005012555	HA24675	SKL2538	HA32118	49979	HA30677
<b>SAME</b>					
000994232	HA46923	SKL2540	HA33293	<b>ZEXEL</b>	
001075192	HA47203	SKL2547	HA46929	5342417600	HA43405
		SKL2574	HA28121		
		SKL2588	HA46930		
		SKL2592	HA32929		
		SKL2596	HA15072		
		SKL46002	HA37832		
		SKL46018	HA34595		
		SKL46069AK	HA46922		
		SKL46077	HA32025		

## IMÁGENES Y DIMENSIONES

### Pictures and dimensions

**HA15072**

Fiat - Case - Ford - New Holland



Altura / Height: 55 mm	Largo / Length: 520 mm	Ancho / Width: 105 mm
Para uso con carbón activo / For active carbon uses: HA47194		Embalaje: 2 pc

**HA15101**

Caterpillar - Fiat



Altura / Height: 55 mm	Largo / Length: 435 mm	Ancho / Width: 150 mm
Para uso con carbón activo / For active carbon uses: HA47234		Embalaje: 1 pc

**HA24675**

John Deere - Massey Ferguson - Renault



Altura / Height: 64 mm	Largo / Length: 580 mm	Ancho / Width: 180 mm
Para uso con carbón activo / For active carbon uses: HA47191		Embalaje: 1 pc

**HA27973**

Same - Lamborghini - Huerlimann



Altura / Height: 60 mm	Largo / Length: 743 mm	Ancho / Width: 125 mm
		Embalaje: 1 pc

**HA28121**

Fiat - New Holland



Altura / Height: 55 mm	Largo / Length: 455 mm	Ancho / Width: 150 mm
Para uso con carbón activo / For active carbon uses: HA47235		Embalaje: 1 pc

**HA30676**

Volvo



Altura / Height: 61 mm	Largo / Length: 487 mm	Ancho / Width: 286 mm
		Embalaje: 1 pc

**HA30677**

Volvo



Altura / Height: 44 mm	Largo / Length: 434 mm	Ancho / Width: 110 mm
		Embalaje: 1 pc

**HA31464**

Fiat Allis



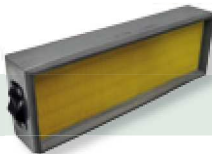
Altura / Height: 60 mm	Largo / Length: 398 mm	Ancho / Width: 350 mm
		Embalaje: 1 pc

**HA31569**

Case - New Holland



Altura / Height: 60 mm	Largo / Length: 650 mm	Ancho / Width: 70 mm
Para uso con carbón activo / For active carbon uses: HA47216		Embalaje: 2 pc

**HA32025**

Landini - Mc Cormick



Altura / Height: 75 mm	Largo / Length: 450 mm	Ancho / Width: 150 mm
Para uso con carbón activo / For active carbon uses: HA47218		Embalaje: 1 pc

**HA32118**

New Holland - Laverda



Altura / Height: 72 mm	Largo / Length: 740 mm	Ancho / Width: 125 mm
Para uso con carbón activo / For active carbon uses: HA47219		Embalaje: 1 pc

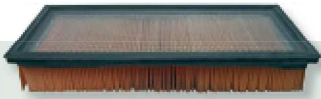
**IMÁGENES Y DIMENSIONES**  
*Pictures and dimensions*



**HA32929**  
Fiat Hitachi - Ford - New Holland



Altura / Height: 57 mm	Largo / Length: 400 mm	Ancho / Width: 160 mm
Embalaje: 1 pc		



**HA33293**  
Deutz - Same - Lamborghini - Mecalac



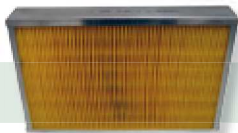
Altura / Height: 58 mm	Largo / Length: 370 mm	Ancho / Width: 174 mm
Embalaje: 1 pc		



**HA34595**  
Fiat Hitachi - Liebherr - Volvo - O&K



Altura / Height: 54 mm	Largo / Length: 465 mm	Ancho / Width: 135 mm
Para uso con carbón activo / For active carbon uses: HA47217	Embalaje: 1 pc	



**HA36075**  
Fiat Agri



Altura / Height: 50 mm	Largo / Length: 299 mm	Ancho / Width: 190 mm
Embalaje: 1 pc		



**HA37498**  
Komatsu



Altura / Height: 20 mm	Largo / Length: 245 mm	Ancho / Width: 135 mm
Embalaje: 1 pc		



**HA37832**  
Fiat



Altura / Height: 59 mm	Largo / Length: 435 mm	Ancho / Width: 140 mm
Embalaje: 2 pc		



**HA38308**  
Fiat Hitachi



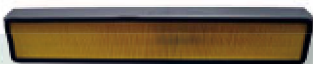
Altura / Height: 70 mm	Largo / Length: 340 mm	Ancho / Width: 210 mm
Embalaje: 1 pc		



**HA40592**  
Liebherr



Altura / Height: 52 mm	Largo / Length: 465 mm	Ancho / Width: 135 mm
Embalaje: 1 pc		



**HA41305**  
Renault Agri - Antonio Carraro



Altura / Height: 60 mm	Largo / Length: 590 mm	Ancho / Width: 100 mm
Para uso con carbón activo / For active carbon uses: HA47189	Embalaje: 1 pc	



**HA41329**  
Fiat Hitachi



Altura / Height: 55 mm	Largo / Length: 375 mm	Ancho / Width: 330 mm
Embalaje: 1 pc		



**HA43405**  
Fiat Hitachi



Altura / Height: 45 mm	Largo / Length: 280 mm	Ancho / Width: 160 mm
Embalaje: 1 pc		

## IMÁGENES Y DIMENSIONES

### Pictures and dimensions



**HA43406**  
Fiat Hitachi



Altura / Height: 75 mm	Largo / Length: 300 mm	Ancho / Width: 200 mm
Embalaje: 1 pc		



**HA44884**  
Fiat Hitachi



Altura / Height: 15 mm	Largo / Length: 210 mm	Ancho / Width: 125 mm
Embalaje: 1 pc		



**HA44885**  
Fiat Hitachi



Altura / Height: 36 mm	Largo / Length: 290 mm	Ancho / Width: 170 mm
Embalaje: 1 pc		



**HA46919**  
Case - New Holland



Altura / Height: 70 mm	Largo / Length: 650 mm	Ancho / Width: 110 mm
Para uso con carbón activo / For active carbon uses: HA47226		Embalaje: 2 pc



**HA46920**  
Same



Altura / Height: 55 mm	Largo / Length: 960 mm	Ancho / Width: 155 mm
Embalaje: 1 pc		



**HA46922**  
Fiat



Altura / Height: 60 mm	Largo / Length: 700 mm	Ancho / Width: 155 mm
Carbón activo / active carbon - Filtro estándar / standard filter: HA47228		Embalaje: 1 pc



**HA46923**  
Same - Lamborghini - Huerlimann



Altura / Height: 75 mm	Largo / Length: 760 mm	Ancho / Width: 140 mm
Carbón activo / active carbon - Filtro estándar / standard filter: HA47204		Embalaje: 1 pc



**HA46925**  
Case



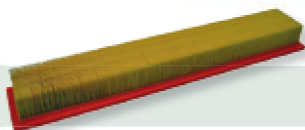
Altura / Height: 40 mm	Largo / Length: 150 mm	Ancho / Width: 70 mm
Embalaje: 1 pc		



**HA46928**  
Case



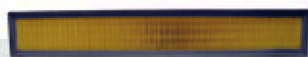
Altura / Height: 40 mm	Largo / Length: 345 mm	Ancho / Width: 75 mm
Embalaje: 1 pc		



**HA46929**  
Fiat - New Holland - Fendt



Altura / Height: 55 mm	Largo / Length: 600 mm	Ancho / Width: 110 mm
Embalaje: 1 pc		



**HA46930**  
Massey Ferguson - Case - Ford Agri



Altura / Height: 60 mm	Largo / Length: 850 mm	Ancho / Width: 135 mm
Embalaje: 1 pc		

## IMÁGENES Y DIMENSIONES

### Pictures and dimensions



#### HA47188

Massey Ferguson

Altura / Height: 55 mm	Largo / Length: 680 mm	Ancho / Width: 130 mm
Carbón activo / active carbon - Filtro estándar / standard filter: HA47196		Embalaje: 1 pc



#### HA47189

Antonio Carraro

Altura / Height: 60 mm	Largo / Length: 590 mm	Ancho / Width: 100 mm
Carbón activo / active carbon - Filtro estándar / standard filter: HA41305		Embalaje: 1 pc



#### HA47190

Landini - Mc Cormick

Altura / Height: 60 mm	Largo / Length: 415 mm	Ancho / Width: 100 mm
Carbón activo / active carbon - Filtro estándar / standard filter: HA47201		Embalaje: 1 pc



#### HA47191

John Deere - Renault Agri - Mc Cormick

Altura / Height: 60 mm	Largo / Length: 580 mm	Ancho / Width: 180 mm
Carbón activo / active carbon - Filtro estándar / standard filter: HA24675		Embalaje: 1 pc



#### HA47192

Same - Deutz - Lamborghini

Altura / Height: 75 mm	Largo / Length: 670 mm	Ancho / Width: 150 mm
Carbón activo / active carbon - Filtro estándar / standard filter: HA47203		Embalaje: 1 pc



#### HA47193

Same

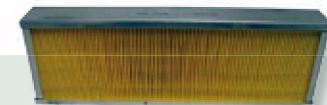
Altura / Height: 60 mm	Largo / Length: 740 mm	Ancho / Width: 125 mm
		Embalaje: 1 pc



#### HA47194

Case - Ford Agri - New Holland

Altura / Height: 55 mm	Largo / Length: 520 mm	Ancho / Width: 105 mm
Carbón activo / active carbon - Filtro estándar / standard filter: HA41305		Embalaje: 2 pc



#### HA47195

Antonio Carraro

Altura / Height: 55 mm	Largo / Length: 400 mm	Ancho / Width: 130 mm
		Embalaje: 1 pc



#### HA47196

Same - Massey Ferguson - Laverda

Altura / Height: 55 mm	Largo / Length: 680 mm	Ancho / Width: 130 mm
Para uso con carbón activo / For active carbon uses: HA47188		Embalaje: 1 pc



#### HA47197

Laverda

Altura / Height: 55 mm	Largo / Length: 330 mm	Ancho / Width: 130 mm
		Embalaje: 1 pc



#### HA47199

Same - Huerlimann

Altura / Height: 50 mm	Largo / Length: 380 mm	Ancho / Width: 230 mm
		Embalaje: 1 pc

## IMÁGENES Y DIMENSIONES

### Pictures and dimensions

**HA47200**

Antonio Carraro



Altura / Height: 60 mm	Largo / Length: 585 mm	Ancho / Width: 125 mm
Embalaje: 1 pc		

**HA47201**

Landini - Mc Cormick - New Holland



Altura / Height: 60 mm	Largo / Length: 415 mm	Ancho / Width: 100 mm
Para uso con carbón activo / For active carbon uses: HA47190		Embalaje: 1 pc

**HA47202**

Hyundai



Altura / Height: 55 mm	Largo / Length: 320 mm	Ancho / Width: 100 mm
Embalaje: 1 pc		

**HA47203**

Same - Deutz - Lamborghini



Altura / Height: 72 mm	Largo / Length: 670 mm	Ancho / Width: 150 mm
Para uso con carbón activo / For active carbon uses: HA47192		Embalaje: 1 pc

**HA47204**

Same - Lamborghini



Altura / Height: 75 mm	Largo / Length: 760 mm	Ancho / Width: 140 mm
Para uso con carbón activo / For active carbon uses: HA46923		Embalaje: 1 pc

**HA47214**

Deutz



Altura / Height: 75 mm	Largo / Length: 400 mm	Ancho / Width: 115 mm
Carbón activo / active carbon - Filtro estándar / standard filter: HA47229		Embalaje: 2 pc

**HA47215**

Ferrari



Altura / Height: 60 mm	Largo / Length: 500 mm	Ancho / Width: 125 mm
Carbón activo / active carbon - Filtro estándar / standard filter: HA47230		Embalaje: 1 pc

**HA47216**

Case - New Holland



Altura / Height: 60 mm	Largo / Length: 650 mm	Ancho / Width: 70 mm
Carbón activo / active carbon - Filtro estándar / standard filter: HA31569		Embalaje: 2 pc

**HA47217**

Furukawa - IHC



Altura / Height: 54 mm	Largo / Length: 465 mm	Ancho / Width: 135 mm
Carbón activo / active carbon - Filtro estándar / standard filter: HA34595		Embalaje: 1 pc

**HA47218**

Landini - Mc Cormick



Altura / Height: 75 mm	Largo / Length: 450 mm	Ancho / Width: 150 mm
Carbón activo / active carbon - Filtro estándar / standard filter: HA32025		Embalaje: 1 pc

**HA47219**

New Holland - Laverda



Altura / Height: 72 mm	Largo / Length: 740 mm	Ancho / Width: 125 mm
Carbón activo / active carbon - Filtro estándar / standard filter: HA32118		Embalaje: 1 pc



**IMÁGENES Y DIMENSIONES**  
*Pictures and dimensions*



**HA47220**

Landini - Mc Cormick



Altura / Height: 60 mm	Largo / Length: 570 mm	Ancho / Width: 95 mm
Embalaje: 1 pc		



**HA47221**

Landini



Altura / Height: 50 mm	Largo / Length: 580 mm	Ancho / Width: 175 mm
Embalaje: 1 pc		



**HA47222**

Massey Ferguson



Altura / Height: 75 mm	Largo / Length: 520 mm	Ancho / Width: 120 mm
Embalaje: 1 pc		



**HA47223**

John Deere



Altura / Height: 70 mm	Largo / Length: 700 mm	Ancho / Width: 70 mm
Carbón activo / active carbon - Filtro estándar / standard filter: HA47232		Embalaje: 1 pc



**HA47224**

New Holland



Altura / Height: 60 mm	Largo / Length: 680 mm	Ancho / Width: 135 mm
Embalaje: 1 pc		



**HA47225**

Landini



Altura / Height: 65 mm	Largo / Length: 440 mm	Ancho / Width: 170 mm
Carbón activo / active carbon - Filtro estándar / standard filter: HA47233		Embalaje: 1 pc



**HA47226**

Case - New Holland



Altura / Height: 70 mm	Largo / Length: 650 mm	Ancho / Width: 110 mm
Carbón activo / active carbon - Filtro estándar / standard filter: HA46919		Embalaje: 2 pc



**HA47227**

New Holland



Altura / Height: 65 mm	Largo / Length: 425 mm	Ancho / Width: 80 mm
Embalaje: 1 pc		



**HA47228**

Fiat



Altura / Height: 60 mm	Largo / Length: 700 mm	Ancho / Width: 160 mm
Para uso con carbón activo / For active carbon uses: HA46922		Embalaje: 1 pc



**HA47229**

Same - Deutz - Huerlimann



Altura / Height: 75 mm	Largo / Length: 400 mm	Ancho / Width: 115 mm
Para uso con carbón activo / For active carbon uses: HA47214		Embalaje: 1 pc



**HA47230**

Ferrari



Altura / Height: 55 mm	Largo / Length: 500 mm	Ancho / Width: 125 mm
Para uso con carbón activo / For active carbon uses: HA47215		Embalaje: 1 pc

## IMÁGENES Y DIMENSIONES

### Pictures and dimensions



**HA47231**  
Huerlimann



Altura / Height: 55 mm	Largo / Length: 500 mm	Ancho / Width: 120 mm
Embalaje: 1 pc		



**HA47232**  
John Deere



Altura / Height: 70 mm	Largo / Length: 700 mm	Ancho / Width: 70 mm
Para uso con carbón activo / For active carbon uses: HA47223		Embalaje: 1 pc



**HA47233**  
Caterpillar - Landini



Altura / Height: 60 mm	Largo / Length: 440 mm	Ancho / Width: 170 mm
Para uso con carbón activo / For active carbon uses: HA47225		Embalaje: 1 pc



**HA47234**  
Fiat



Altura / Height: 60 mm	Largo / Length: 435 mm	Ancho / Width: 150 mm
Carbón activo / active carbon - Filtro estándar / standard filter: HA15101		Embalaje: 2 pc



**HA47235**  
Massey Ferguson



Altura / Height: 60 mm	Largo / Length: 585 mm	Ancho / Width: 125 mm
Embalaje: 1 pc		



**HA47236**  
Fiat - New Holland



Altura / Height: 55 mm	Largo / Length: 455 mm	Ancho / Width: 150 mm
Carbón activo / active carbon - Filtro estándar / standard filter: HA28121		Embalaje: 1 pc



**HA47237**  
Ferrari



Altura / Height: 60 mm	Largo / Length: 295 mm	Ancho / Width: 90 mm
Embalaje: 1 pc		

## INFORMACIÓN SOBRE LOS FILTROS DE CARBÓN ACTIVO STEP FILTERS

Los filtros STEP FILTERS con carbón activo proporcionan una protección esencial a las personas frente a la intoxicación por sustancias tales como insecticidas, pesticidas, etc. Nuestros filtros garantizan una protección mínima del 99.99% según test D.O.P. (dioctil ftalato-compuesto utilizado en pesticidas).

### **IMPORTANTE: CONSIDERACIONES A TENER EN CUENTA CON LOS FILTROS DE CARBÓN ACTIVO STEP FILTERS**

- Sustituir el filtro normal de habitáculo por el filtro de carbón activo.
- Después de cada uso, volver a colocar el filtro normal de habitáculo.
- Guardar el filtro de carbón activo tras cada utilización en su bolsa de plástico y cerrar.
- NO utilizar el filtro de carbón activo para aplicaciones diferentes de los trabajos con pesticidas, ya que la contaminación no tóxica habitual en otras actividades agrícolas puede colmatar el filtro muy rápido.
- Vida útil del filtro de carbón activo: 200 horas de trabajo y/o 36 meses tras la fecha de producción (impresa en el filtro).
- Cambiar el filtro de carbón activo o revisar la junta si se detecta olor a pesticida.
- No lavar o limpiar el filtro de carbón activo con aire comprimido.

### **ATENCIÓN: CONSERVE LA BOLSA DE PLÁSTICO EN LA QUE VIENE EL FILTRO DE CARBÓN ACTIVO**



## STEP FILTERS CABIN AIR FILTERS WITH ACTIVE CARBON INFORMATION

*STEP FILTERS active carbon filters give an essential protection to people against intoxication caused by insecticides, pesticides, etc. Our filters guarantee a 99.99% minimum D.O.P. (dy-octyl phthalate – used in pesticides) protection.*

### **IMPORTANT: CABIN AIR FILTERS WITH ACTIVE CARBON FACTS TO BE AWARE OF**

- Mount the cabin air filter with active carbon, to replace the standard one.
- After each use, remove the cabin air filter with active carbon and mount the standard one.
- The cabin air filter must be returned to its packing and sealed after every use.
- DO NOT use the active carbon filter for agricultural works different than application of plant protection products, because the dust could obstruct the filter easily.
- Work life: 200 hours and/or 36 months after manufacturing (see manufacture date on the filter).
- Change the filter or check the gasket when smell toxic matter.
- Do not wash or blow with compressed air.

### **ATTENTION: KEEP THE ACTIVE CARBON FILTER BAG**



[www.stepfilters.com](http://www.stepfilters.com)  
[info@stepfilters.com](mailto:info@stepfilters.com)