

AGRIEMACH^{LTD}

**PARTIAL DIESEL
PARTICULATE FILTERS
(NON BLOCKING)**



Since
1976

PARTIAL DIESEL PARTICULATE FILTERS (NON BLOCKING)

For the conversion of Carbon Monoxide, Hydrocarbons and Soot Filtration Between 60-70%

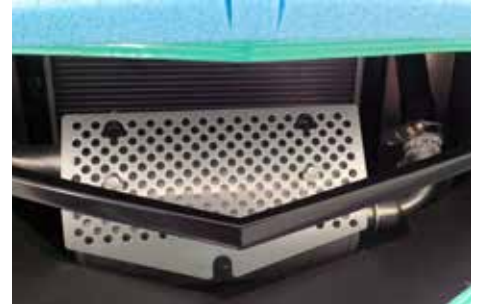
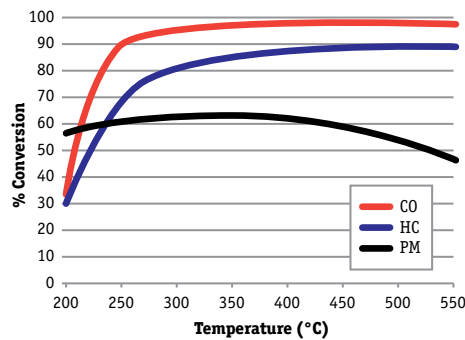
Agriemach offer a vast range of Partial Soot Filter solutions for the off-road market, from simple welded sub-straights to install directly in the exhaust line, to complete (Original Equipment) muffler replacement.

We have thousands of designs for many different models of machinery, but failing that you can send us your existing muffler/silencer and we will convert it to a Partial Filter System with the filter built in – we make it simple!

THE BENEFITS

- > Reduces between 60-70% of Diesel Particulates (PM)
- > Looks, installs and operates like a Catalytic Converter
- > Non Blocking – Requires no Maintenance
- > Low Back Pressure
- > High Conversion Efficiency
- > Concentrates on Nano-Particulates (Highest Human Health Risk)
- > Improves Sound Attenuation

MINE-X® FLOW-THROUGH FILTER CONVERSION EFFICIENCY



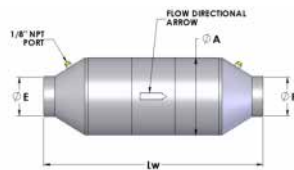
Fitted to a Mitsubishi 28kW Engine



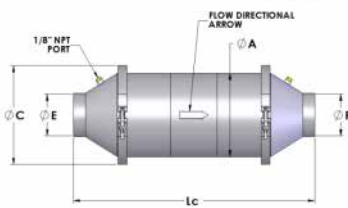
Fitted to Merlo Roto 38.16 75kW



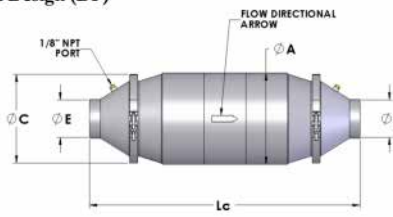
Fitted to Kubota engine range upto 27kW



MINE-X® FTF Welded Design (DP)



MINE-X® FTF Clamped Design (DQ)
SF4 – SF8



MINE-X® FTF Clamped Design (DQ)
SF10 – SF18

	SF4	SF5	SF6	SF7	SF8	SF10	SF12	SF14	SF15	SF16	SF18
Max Engine Power – hp (kW)	38 (28)	63 (47)	100 (75)	146 (109)	200 (149)	295 (220)	420 (313)	533 (397)	667 (497)	853 (636)	1317 (982)
Approx. Weight – DP – lb (kg)	4.0 (1.8)	5.6 (2.5)	8.1 (3.7)	11.5 (5.2)	14.4 (6.5)	–	–	–	–	–	–
Approx. Weight – DQ – lb (kg)	5.0 (2.27)	7.8 (3.5)	10.8 (4.9)	14.3 (6.5)	22.3 (10.1)	32.0 (14.5)	41.1 (18.6)	49.3 (22.4)	63.0 (28.6)	69.0 (31.3)	93.0 (42.2)
A – Diameter in (mm)	3.12 (79)	4.00 (102)	5.00 (127)	6.00 (152)	7.00 (178)	8.50 (216)	10.12 (257)	11.5 (292)	12.75 (324)	14.5 (368)	17.87 (454)
Lw- Length – in (mm)	15.12 (384)	17.09 (434)	17.48 (444)	18.27 (464)	19.88 (505)	–	–	–	–	–	–
Lc – Length – in (mm)	16.1 (409)	17.6 (447)	18.14 (460.6)	18.84 (478.5)	20.34 (516.7)	25.45 (646.3)	25.45 (646.3)	26.82 (681.2)	29.71 (755)	29.56 (750.8)	32.75 (831.9)
C – Clamp Diameter – in (mm)	4.22 (107)	5.25 (133)	6.25 (159)	7.25 (184)	8.25 (210)	8.25 (210)	8.25 (210)	8.25 (210)	8.25 (210)	8.25 (210)	8.25 (210)
E – Inlet Exhaust Pipe Outside	Customer Specified										
F – Outlet Exhaust Pipe Outside											



* Requires fuel with sulphur content less than 500ppm for proper operation.
** Currently Fitted to Engines up to 2.2MW (Megawatt)