



DEPOFC Series

Mobile Oil
Filtering Station



Applications:

- Metal Chips
- Metal Power



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our website

National Machine Products

350 Electronics Blvd.
Huntsville, AL 35824

Phone: (256) 258-5500

Fax: (256) 461-8164

Sales: info@nationalmachineproducts.com

Service: service@nationalmachineproducts.com

MOBILE OIL FILTERING STATION



USE

The mobile filter unit is a device that can be easily used in place of larger stationary equipment in case of limited space/access. Nowadays, the filtration of oils represents a cheap and useful service in oil management. The oil filtration removes the ultrafine waste particles that can be responsible for a substantial amount of the hydraulic system failures – i.e., clogged filters, valves malfunction, leaks caused by abrasive particles dispersed in oils, etc. The filtering system is mounted on a sturdy steel frame with wheels, which is perfect for mobile use.

DESIGN

The device is studied for the neat oil filtration from CNC machining chips and powders. . The oil is drawn up by a self-priming pump into a suction hose directly connected to the CNC machine sump, then filtered through the cartridges of the filter element. The processed oil is then discharged through a reinforced pipe into the tank. The filtration grade/accuracy will depend on the capacity of the filter cartridge.



TECHNICAL DATA

MODEL	Voltage V	Hz	MAX FLOW L/h	MAX FLOW (GPM)	FILTRATION GRADE	PRESSURE SWITCH
DEPOFS650	110	60	650	2.8	From 1 to 50 µm	No
DEPOFS650-1	110	60	650	2.8	Fixed 10 µm	No
DEPOFS650-A	230	50	650	2.8	From 1 to 50 µm	No
DEPOFS650-A1	230	50	650	2.8	Fixed 10 µm	No
DEPOFS650-B	230	50	650	2.8	From 1 to 50 µm	Yes
DEPOFS650-B1	230	50	650	2.8	Fixed 10 µm	Yes
DEPOFS650-C	110	60	650	2.8	From 1 to 50 µm	Yes
DEPOFS650-C1	110	60	650	2.8	Fixed 10 µm	Yes
DEPOFS2000	110	60	2000	8.8	From 1 to 50 µm	No
DEPOFS2000A	230	50	2000	8.8	From 1 to 50 µm	No
DEPOFS3200	400	50	3200	14	From 1 to 50 µm	No

Filtration grade µm	1, 2, 3, 5, 10, 25, 50
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Fixed filtration grade µm	10
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Model DEPOFS650-1 - DEPOFS650-A1 - DEPOFS650-B1 - DEPOFS650-C1

Pressure switch control	1 – 15 bar	14 – 218 PSI
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Model DEPOFS650-B - DEPOFS650-B1 - DEPOFS650-C - DEPOFS650-C1

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