Built for Heavy Loads
Trusted for Long Hauls

For Chinese Heavy Commercial Vehicles

MANN-FILTER - Perfect parts. Perfect service.

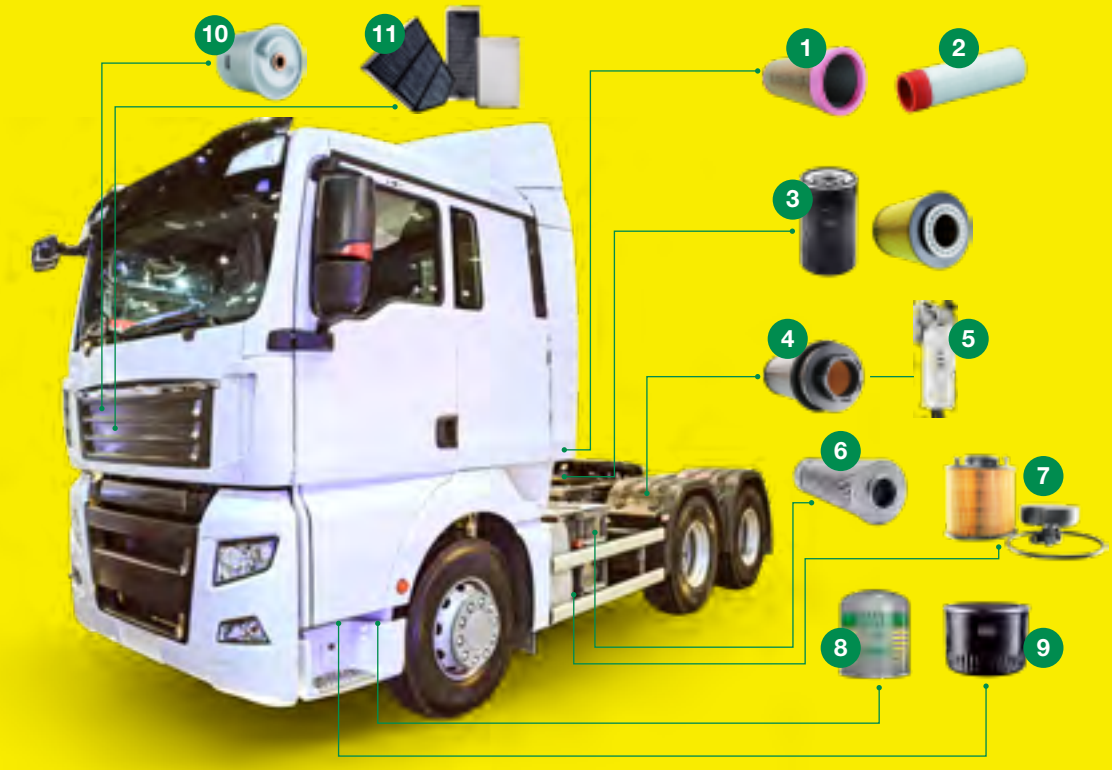
MANN-FILTER - always the right choice.

As Chinese heavy commercial vehicles expand their global footprint, MANN-FILTER supports this growth with OE-quality filtration solutions engineered for reliability.

With 85 years of filtration expertise, our iconic yellow-green boxed filters meet stringent safety, quality, and industry standards, delivering lasting protection and performance.

Product Portfolio

MANN-FILTER's comprehensive portfolio extends beyond air, oil, fuel, and cabin filters, offering specialised solutions compatible with widely used Chinese vehicle models across the Southeast Asian market.



1. Air Filter Primary Element
2. Air Filter Secondary Element
3. Engine Oil Filter
4. Fuel Filter Element
5. Fuel Filter / Water Separator
6. Hydraulic Filter
7. Urea Filter
8. Air Dryer Filter
9. Hydraulic Transmission Filter
10. Centrifuge Rotors
11. Cabin Air Filter

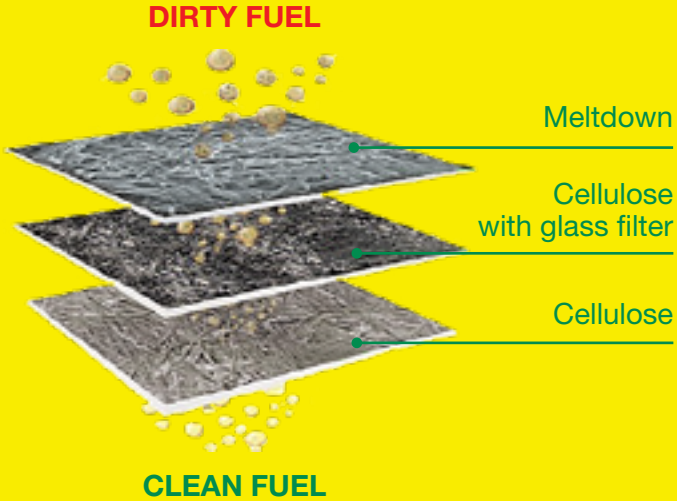
Long Life Fuel Filter

Built for the demands of modern diesel engines, MANN-FILTER fuel filters offer extended service intervals and exceptional protection for sensitive engine components. Effectively removing dirt, rust, water, and other harmful particles that can lead to corrosion and engine damage, our fuel filters keep your fuel system clean and engine running reliably.

* based on internal lab tests; usage conditions apply

Media Excellence

Our multi-layer filter medium enables the separation of even the tiniest particles, ensuring a long service life for our filters.



Multigrade F-MB 333.1

- Initial separation efficiency for 4 µm > 99.7%
- Dirt holding capacity up to 110 g/m²

PreLine Fuel Filter

The MANN-FILTER PreLine system provides highly efficient filtration, handling 50 l/h to 600 l/h for all diesel engines. Designed to protect, our PreLine system ensures reliable separation of water and contaminant particles, significantly reducing the risk of wear and corrosion.

Water separation excellence in 3 stages

- **First stage - Particle separation**
  Removes solid dirt particles from the diesel fuel
- **Second stage - Water drop coalescence**
  Retains even the finest water droplets from the fuel/water emulsion and combines them to form much larger drops
- **Third stage - Water separation with a hydrophobic sieve**
  Ensures that the enlarged drops do not enter the injection system

1 Particle separation

2 Water drop coalescence

3 Water separation

Pump
Manual pump for fast and effective venting of fuel system following filter charge

Hose connections
M 18 x 1.5 for inlet and outlet

Head-mounted heater
Lock cap to connect to heater

Hose connection
M 18 x 1.5 for outlet

Spin-on filter element
Filter element for efficient particle separation. Available in two sizes for a max. 270 l/h and 420l/h

Water collection area (Water bowl)
High-quality clear plastic to view separated water easily
Capacity:
PreLine 270: 0.3 l
PreLine 420: 0.5 l

Water drain plug

Model: F3000 Engine Code: WP12.460N

Filter Type	OE	Part Number	Note
Fuel Filter	612600081294	PL 420 X	Water Separator
Fuel Filter	612630080087	WDK 11 102/4	
Oil Filter	612630010239	W 1168/7	

Model: X3000 Engine Code: WP10.350E53

Filter Type	OE	Part Number	Note
Fuel Filter	1000053557, 1000424916	PL 420 X	Water Separator
Fuel Filter	1000053432, 1000053555, 1000422382, 1000422388	WDK 11 102/4 WDK 11 102/42 WDK 11 102/89	Standard Version High Pressure Version Long Life Version
Oil Filter	1000424655	W 962/2	
Air Filter	DZ91259190042	SP 2841 SP 2841-2	C 27 1050 + CF 1810 C 27 1050/5 + CF 1811

Model: X3000 Engine Code: WP13.500E501

Filter Type	OE	Part Number	Note
Fuel Filter	1000053557, 1000424916, 1000495963, 1003704196	PL 420 X	Water Separator
Fuel Filter	1000053432, 1000053555, 1000422382, 1000422388	WDK 11 102/4 WDK 11 102/42 WDK 11 102/89	Standard Version High Pressure Version Long Life Version
Oil Filter	1000428205, 1000428261, 1001786462	W 1168/7	
Air Filter	DZ91259190062, DZ96319190832	SP 2841 SP 2841-2	C 27 1050 + CF 1810 C 27 1050/5 + CF 1811

Model: X5000 Engine Code: WP12.460E50

Filter Type	OE	Part Number	Note
Fuel Filter	1000053557, 1000424916, 1003704196	PL 420 X	Water Separator
Fuel filter	1000053432, 1000053555	WDK 11 102/4 WDK 11 102/42 WDK 11 102/89	Standard Version High Pressure Version Long Life Version
Oil Filter	1000428205, 1000428261	W 1168/7	
Air Filter	DZ91259190042, DZ96319190832	SP 2841 SP 2841-2	C 27 1050 + CF 1810 C 27 1050/5 + CF 1811

OIL FILTER

WDK 11 102/4, WDK 11 102/42, WDK 11 102/89

- **A** 108 mm
- **B** 104 mm
- **C** 93 mm
- **D** M32x1.5 mm
- **E** 263 mm

OIL FILTER

W 1168/7

- **A** 108 mm
- **B** 93.2 mm
- **C** 103.2 mm
- **D** M30x26H mm
- **E** 188.1 mm

SINOTRUK HOWO

Model: Howo A7 Engine Code: WD615.95NE

Filter Type	OE	Part Number	Note
Fuel Filter	VG1047080011	PL 420 X	Water Separator
Oil Filter	VG61000070005	W 962/2	
Air Filter	WG9725190122/1, WG9925190005	SP 2841 SP 2841-2	C 27 1050 + CF 1810 C 27 1050/5 + CF 1811

Model: Howo MAX Engine Code: MC11H.46-61

Filter Type	OE	Part Number	Note
Fuel Filter	WG9925550212/1	PL 421/2	Water Separator
Fuel Filter	WG9925550966/1	PU 13 006 Z	Water Separator
Fuel Filter	082V12501-7293, 201V12503-0062	PU 1059/2 X PU 1059/3 X	Standard Version Longlife Version
Oil Filter	200V05504-0122	HU 13 125/3 X HU 13 125/5 Z	Standard Version Long Life Version; 10,000 KM

Model: Howo TX Engine Code: MC11.40-50

Filter Type	OE	Part Number	Note
Fuel Filter	WG9925550212/1	PL 421/2	Water Separator
Fuel Filter	082V12501-7293, 201V12503-0062	PU 1059/2 X PU 1059/3 X	Standard Version Long Life Version
Oil Filter	200V05504-0122, 200V05504-0123	HU 13 125/3 X HU 13 125/5 Z	Standard Version Long Life Version; 10,000 KM
Air Filter	712W08400-6111/1	SP 2747 SP 2747-2	C 27 1250/2 + CF 1640/2 C 27 1250/7 + CF 1640/4

FUEL FILTER
PL 420 X

- **A** 108 mm
- **B** S 80 x 3 mm
- **C** 114 UNS mm
- **D** 230 mm

FUEL FILTER
PU 1059/2 X, PU 1059/3 X

- **A** 94.8 mm
- **B** 46 mm
- **C** 173.5 mm

OIL FILTER
HU 13 125/3 X, HU 13 125/5 Z

- **A** 113 mm
- **B** 46 mm
- **C** 56 mm
- **D** 100 mm
- **E** 202 mm

OIL FILTER
SP 2841, SP 2841-2

- **A** 275 mm
- **B** 200 mm
- **C** 451 mm
- **D** 166 mm
- **E** 179 mm
- **F** 425 mm

Model: Howo 7 Engine Code: WD615.92E

Filter Type	OE	Part Number	Note
Fuel Filter	VG1047080011	PL 420 X	Water Separator
Fuel Filter	VG1560080011, VG1560080012, VG1560080013	WK 962/7	
Oil Filter	VG61000070005	W 962/2	
Air Filter	WG9725190200	SP 2841 SP 2841-2	C 27 1050 + CF 1810 C 27 1050/5 + CF 1811

SINOTRUK SITRAK

Model: Sitrak C7H Engine Code: MC11.44-50

Filter Type	OE	Part Number	Note
Fuel Filter	WG9925550202/1, WG9925550212/1	PL 421/2	Water Separator
Fuel Filter	WG9925550966/1	PU 13 006 Z	Water Separator
Fuel Filter	082V12501-7293, 201V12503-0062	PU 1059/2 X PU 1059/3 X	Standard Version Long Life Version
Oil Filter	200V05504-0107, 200V05504-0108, 200V05504-0122, 200V05504-0123, 200V05505-0011	HU 13 125/3 X HU 13 125/5 Z	Standard Version Long Life Version; 10,000 KM
Air Filter	810W08400-6031	SP 2747 SP 2747-2	C 27 1250/2 + CF 1640/2 C 27 1250/7 + CF 1640/4

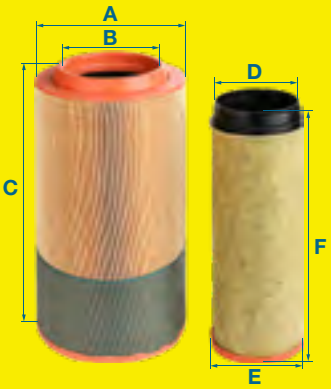
Model: Sitrak C7H Engine Code: MC13.54-50

Filter Type	OE	Part Number	Note
Fuel Filter	WG9925550202/1	PL 421/2	Water Separator
Fuel Filter	201V12503-0062, 201V12503-0064	PU 1059/2 X PU 1059/3 X	Standard Version Long Life Version
Oil Filter	200V05504-0107, 200V05504-0122, 200V05504-0123	HU 13 125/3 X HU 13 125/5 Z	Standard Version Long Life Version; 10,000 KM
Air Filter	810W08400-6031	SP 2747 SP 2747-2	C 27 1250/2 + CF 1640/2 C 27 1250/7 + CF 1640/4

FUEL FILTER

PL 421/2

- **A** 108 mm
- **B** 93 mm
- **C** 103 mm
- **D** M12x1.5-6H
- **E** 268 mm



AIR FILTER

SP 2747, SP 2747-2

- **A** 267 mm
- **B** 170 mm
- **C** 510 mm
- **D** 137 mm
- **E** 156 mm
- **F** 456 mm

Version 05/2026

To learn more about our product portfolio for Chinese truck applications, contact MANN+HUMMEL at mhsg@mann-hummel.com

ORIGINAL MANN FILTER OE QUALITY

85 YEARS

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