



Application Reference List

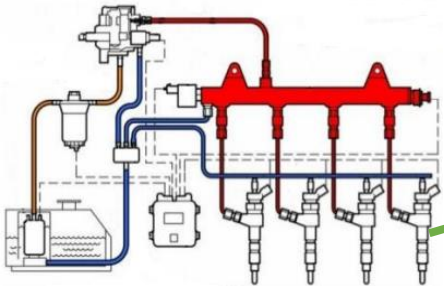




Agricultural application - Tractors



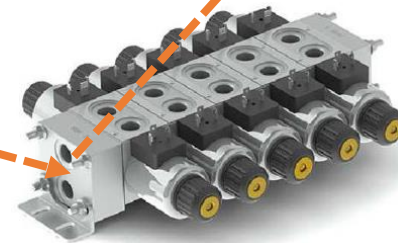
Fuel (**Diesel**) cooler, the airflow come from the fan assembled on the shaft of the engine.



Diesel



Agricultural application – Grass cutter

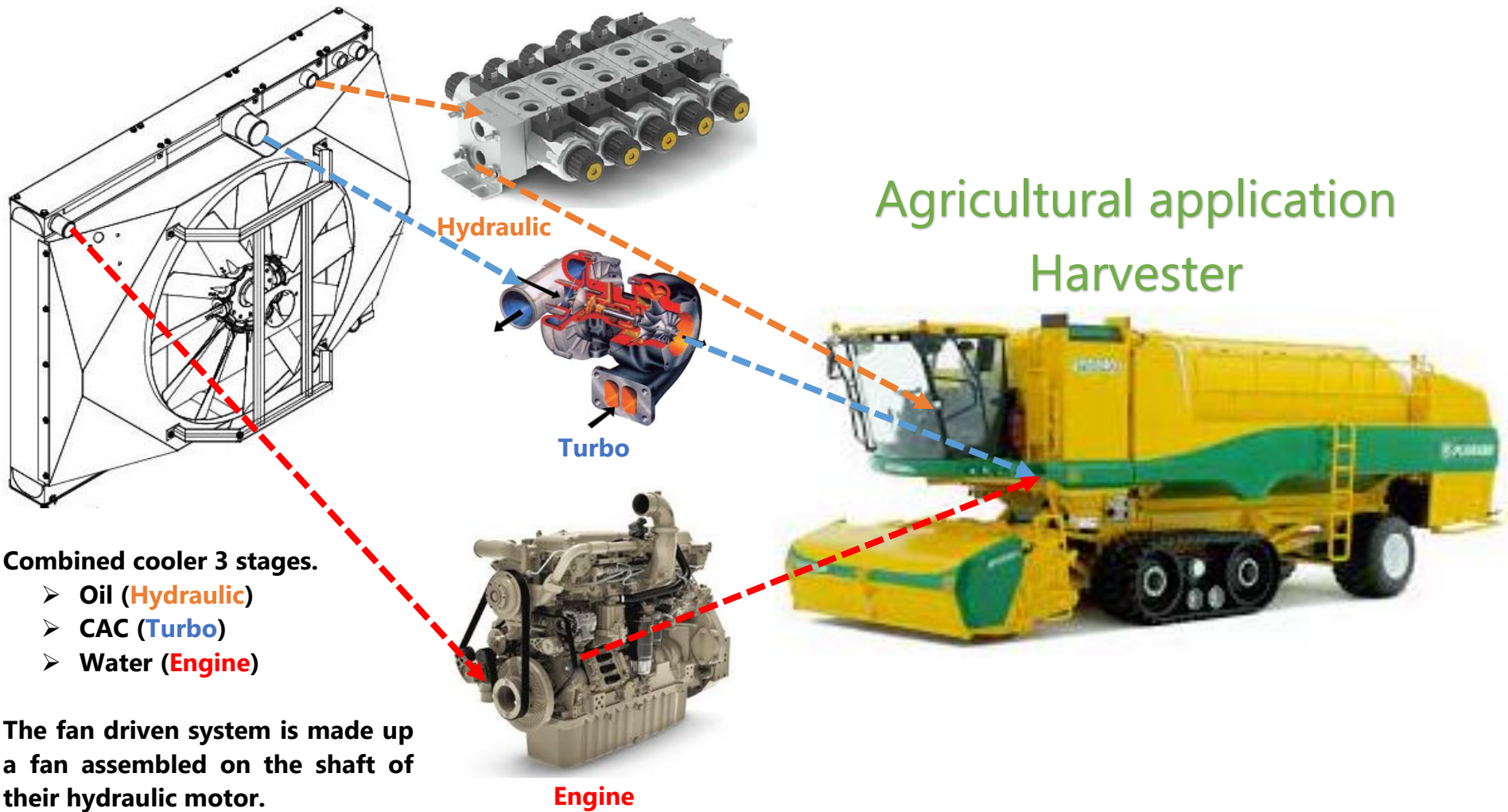


Mobile series

Oil cooler (**Hydraulic**) the fan driven system is made up a DC brushless fan 24V with electronic device to adjust the speed of the fan in function of the temperature.

Hydraulic



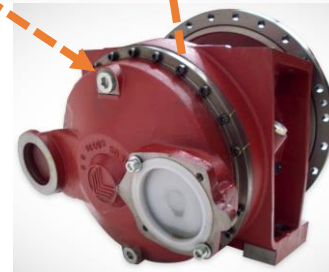


Construction machine – Concrete mixers



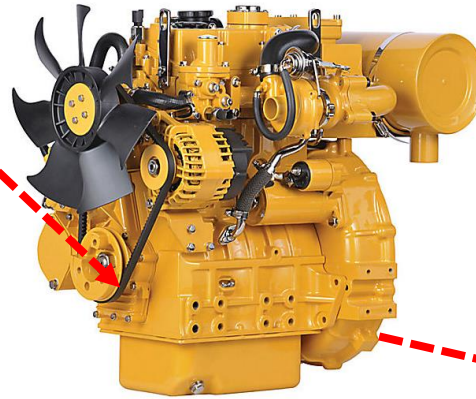
HPA TK series

Oil cooler (**Hydraulic drum**) the fan driven system is made up by a DC fan 24V; filter 10 μ available on request.



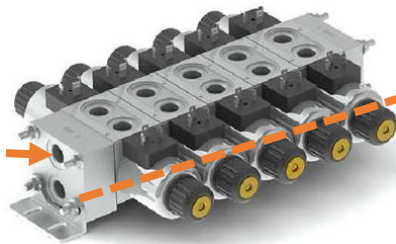
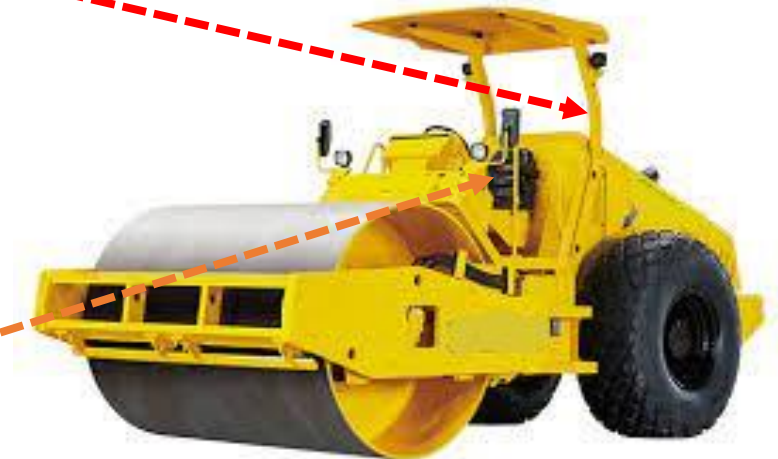
Hydraulic drum.





Engine

Construction machine Compactors



Hydraulic

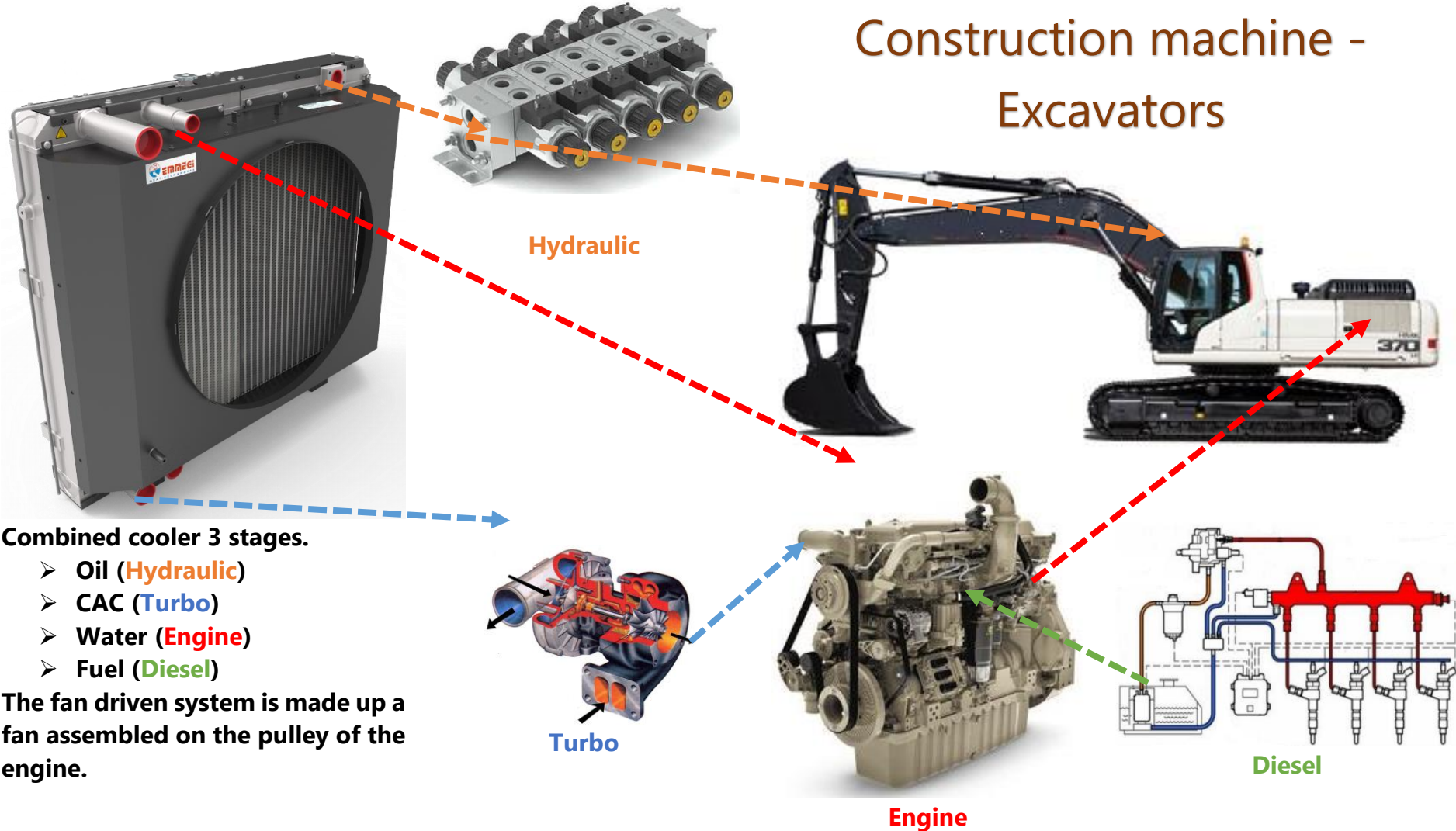
Combined cooler 2 stages.

- Water (**Engine**)
- Oil (**Hydraulic**)

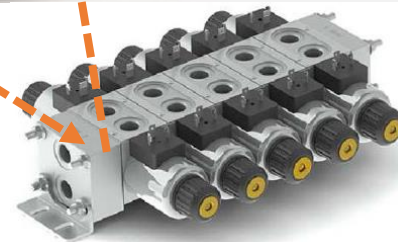
The fan driven system is made up by the fan assembled on the pulley of the engine.



Construction machine - Excavators



Construction machine – Concrete pump

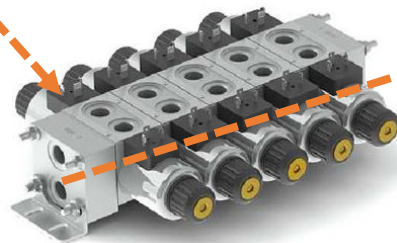
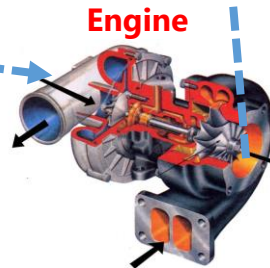
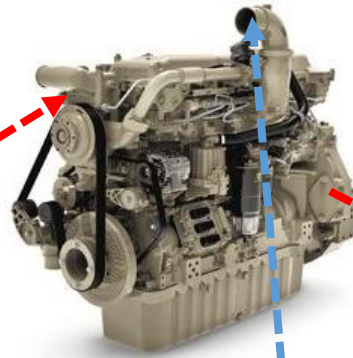
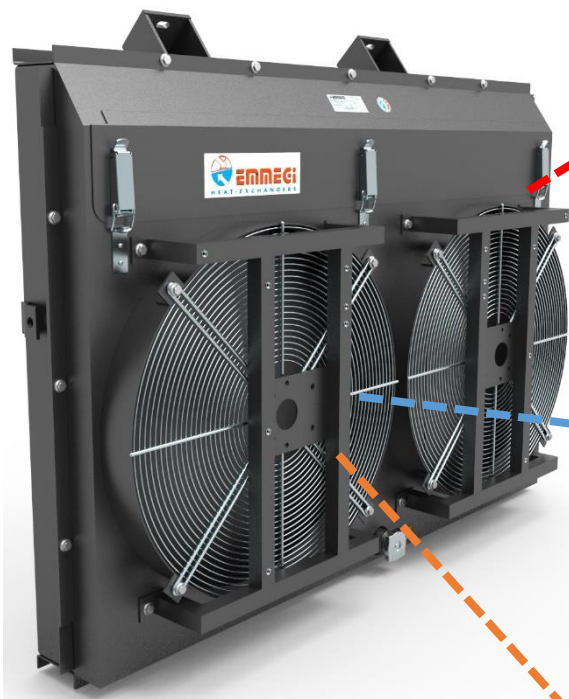


HPA series

Oil cooler (**Hydraulic**) the fan driven system is made up by the hydraulic motor supplied by the Customer.

Hydraulic





Municipal vehicles
Road sweepers

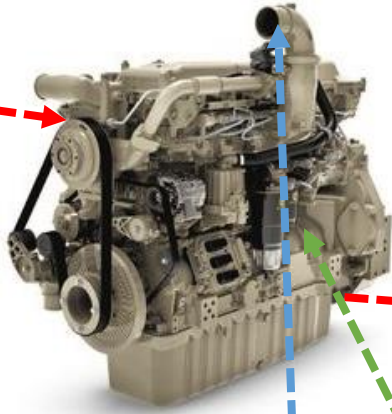
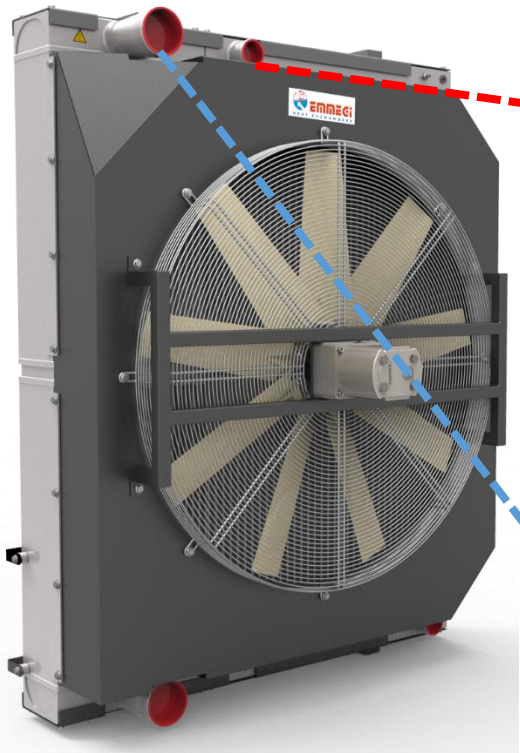
Combined cooler 3 stages.

- Water (Engine)
- CAC (Turbo)
- Oil (Hydraulic)

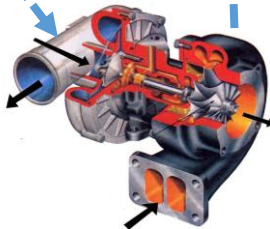
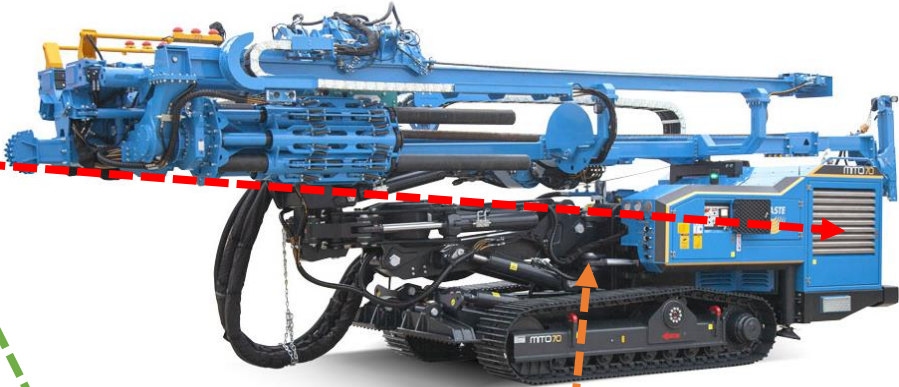
The fan driven system is made up by twin hydraulic motors assembled by the customer.



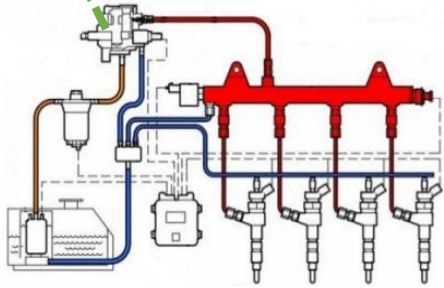
Drilling applications



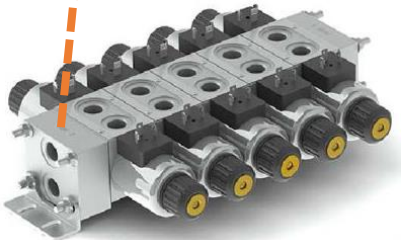
Engine



Turbo



Diesel



Hydraulic

Combined cooler 4 stages.

- Water (Engine)
- CAC (Turbo)
- Oil (Hydraulic)
- Fuel (Diesel)

The fan driven system is made up a complete hydraulic fan.



Drilling applications



Hydraulic

HPA series

Oil cooler (**Hydraulic**) the fan driven system is made up by the hydraulic motor.



Municipal vehicles – Liquid waste suction



Oil cooler (**Hydraulic**) the fan driven system is made up by twin a DC brushless fan 24V with electronic device to adjust the speed of the fan in function of the temperature.



Hydraulic



Engine power pack



Combined cooler 2 stages.

- Water (**Engine**)
- CAC (**Turbo**)

With assembled expansion tank.

The fan driven system is made up a fan assembled on the pulley of the engine.

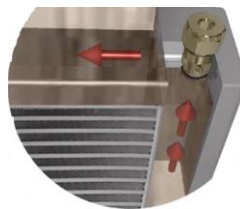


Mobile crane – Loader cranes



Mobile series

Oil cooler (**Hydraulic**) with integrated by-pass valve; the fan driven system is made up by a DC fan 24V

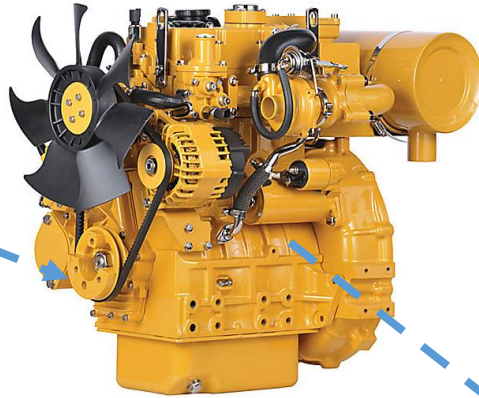


By-pass valve built-inn



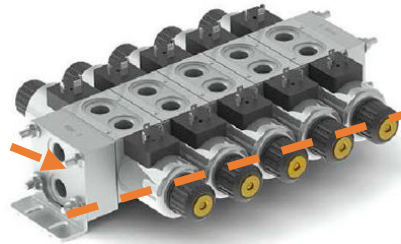
Hydraulic





Engine

Mobile crane – Handling



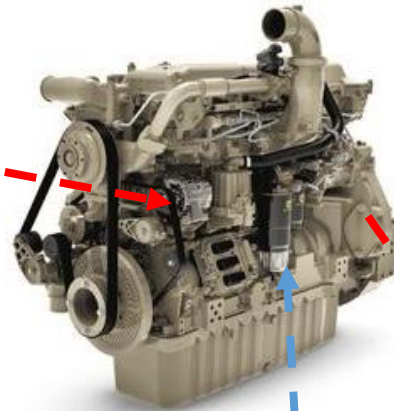
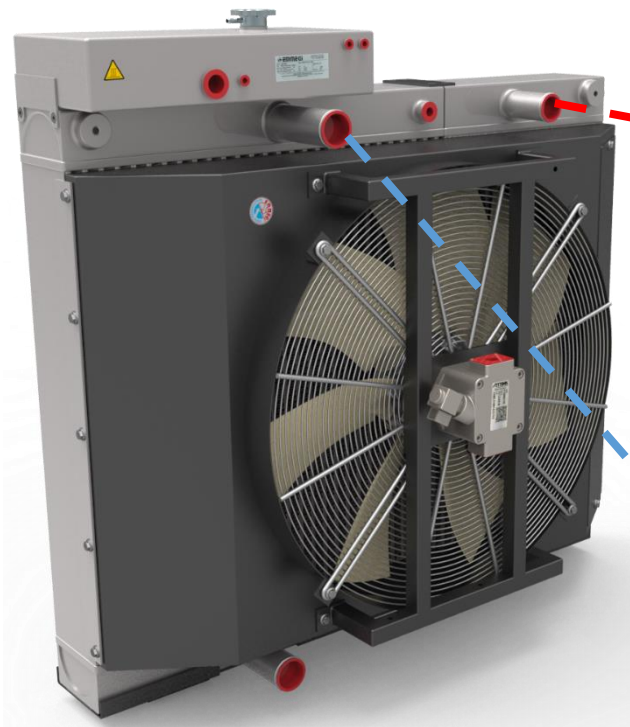
Hydraulic

Combined cooler 2 stages with integrated expansion tank.

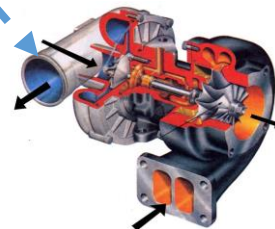
- Water (**Engine**)
- Oil (**Hydraulic**)

The fan driven system is made up by the fan assembled on the pulley of the engine.





Engine



Turbo

Mining and Drill rigs



Combined cooler 2 stages.

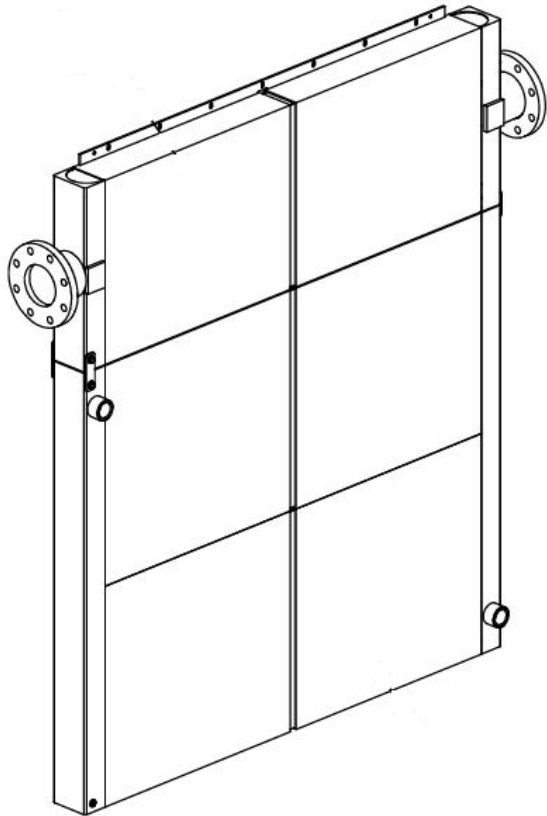
- Water (Engine)
- CAC (Turbo)

With assembled expansion tank.

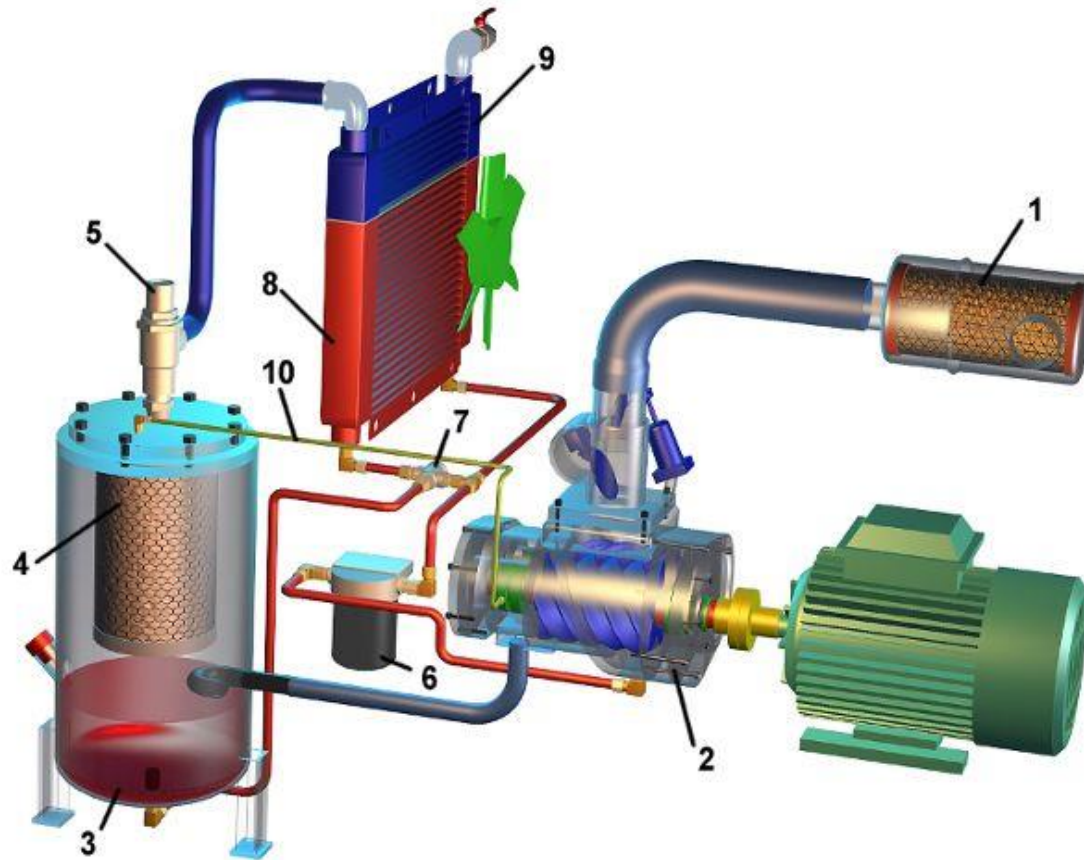
The fan driven system is made up by the hydraulic motor.



Air compressors



Combined cooler for oil (compressor lubrication) air (compressed air). The cooling airflow come from the owned AC fan assembled by the customer.



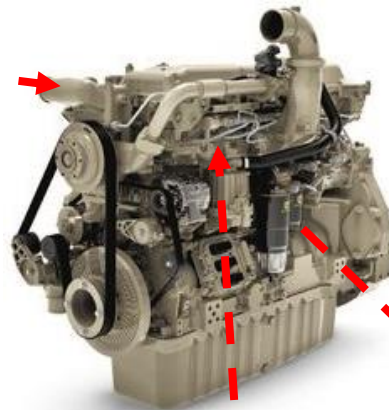
Off-shore applications



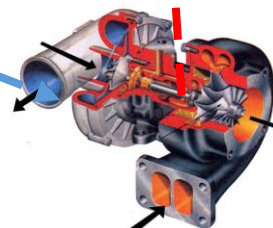
HPAM series

Oil cooler (**Hydraulic winches**) the fan driven system is made up by a hydraulic motor.





Engine



Turbo

Aircraft recovery



Combined cooler 2 stages.

- Water (Engine)
- CAC (Turbo)

With assembled expansion tank.

The fan driven system is made up by the hydraulic motor.



Railway applications



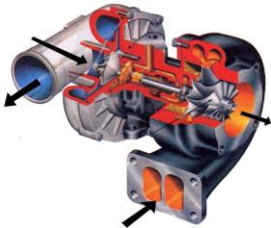
Water cooler (**Engine**) the fan driven system is composed by a hydraulic fan.



Engine



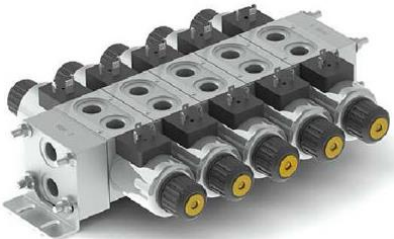
Air cooler (**Turbo**) the fan driven system is composed by a hydraulic fan.



Turbo



Oil cooler (**Hydraulic**) the fan driven system is composed by a couple of hydraulic fan.



Hydraulic





Combined cooler 4 stages.

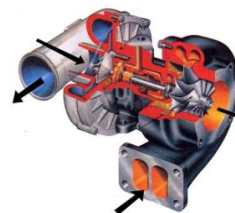
- Water (**Engine**)
- CAC (**Turbo**)
- Oil (**Hydraulic**)
- Fuel (**Diesel**)

The fan driven system is composed by 4 complete hydraulic fan.



Engine

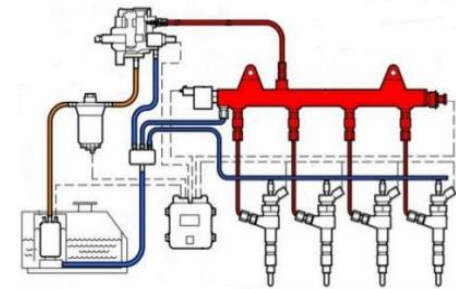
Crushers (mobile)



Turbo



Hydraulic



Diesel



Crushers (stationary)



HPA series

Oil cooler (**Hydraulic shredder**) the fan driven system is composed by 3 AC motors.



Gearboxes



RID series
Off-line oil cooler with electric box and filter included.

