



MIXMAN D4^{NEO}

3-CYLINDER DEUTZ D2011 L03

NEO

POWERFUL

Thanks to the Deutz engine, the MIXMAN provides you with even more power on the construction site.

MAINTENANCE-FRIENDLY

The new design allows the bonnet to open completely and gives easy access to all components.



Made in Germany

POWERFUL HIGH - QUALITY MACHINES
FROM GB MACHINES

POWERFUL PNEUMATIC CONVEYOR

CEMENT SCREED | CALCIUM SULPHATE SCREED | MAGNESIA SCREED

FIBRE | STYROFOAM

MIXMAN^{NEO}

3-cylinder Deutz diesel

Underneath the new GFK- bonnet you will find the dream of every service company; all components are simple and easy to reach.

The GFK - bonnet opens almost completely over the engine and compressor unit. The new MIXMAN^{NEO} is environmentally friendly, robust, and maximally adapted to use on the construction site.

The Deutz 2011 3-cylinder engine with its Direct injection with individual injection pumps and optional electronic engine governor, it is one of the most economical in this class.

MIXMAN^{NEO} sets new standards among construction machinery engines, soot and smoke being forgotten when starting or running the machine. The constant speed saves fuel and reduces wear, making daily use on the construction site easier.

The ACGB-45 compressor unit installed in the MIXMAN^{NEO} combines the robustness required for construction site use with maximum power.

MIXMAN^{NEO} works at its full power even in extreme heat. The hot air generated is optimally discharged to the front via the hood and chassis, while the necessary cooling air is drawn inside from the top of hood.

The engine-compressor unit starts up without load, which protects the engine's starter motor in particular and ensures a smooth start-up of the machine.

The mixing vessel is switched on manually via a robust button on the control unit thus increasing the safety of the new MIXMAN^{NEO} and giving the user full control over the machine at all times.

The special pneumatic control unit designed for screed production guarantees that the entire air output is always available for screed delivery. A pressure gauge inside of the machine allows you to check the hydraulic output of the unit at any time. The outside pressure gauge allows you to always check the compressor and mixing vessel pressure.

These factors, combined with the compact design enable MIXMAN to work quietly, environmentally friendly and with low wear. This makes work fun.



DON'T BE A BOY. BE AM MAN.



Made in Germany



STURDY WHEEL ARCHES

The new reinforced wheel arches are so stable, that cement sacks can be placed upon without any problems.

We know how to make it work!

MIXMAN D4 BS^{NEO}

The best MIXMAN ever can be ordered as of now. GB Machines is writing a new chapter in machine development with the MIXMAN^{NEO}.





IT DOESN'T GET ANY COOLER THAN THIS.

EXHAUST AND FRESH AIR INTAKE

MIXMAN D4 ^{NEO} - Bonnet

The new bonnet's design

Nowadays, the design of your MIXMAN is an important aspect of its external presentation.

The advertising impact on your customers is maximised by personalised logo. We will be happy to advise you on your individual design. You express your wishes, and we implement them in cooperation with our marketing team. You receive a draft for final approval and determine the actual looks of the machine.

Lacquering in all RAL colours possible!



Specifications:

GFK (as in vehicle construction) with internal aluminium reinforcement frame for optimum stability,

hinges made of stainless steel, large air inlets for cooling air placed at the top of the bonnet. This allows the ram air to escape easily while the machine is being parked and ensures a smooth restart.

The warm exhaust air is transported outside as quickly as possible through large air outlets in the bonnet and chassis.

Special coating provides optimum corrosion protection for the new bonnet. Robustness and durability are two GB Machines trademarks that determine the value of the machine.



Compressor:

The new ACGB-45 compressor has a capacity range between 4.5 m³/min and 5.7 m³/min. Depending on the motor speed and the pressure the MIX-MAN can unleash its full power.

MIXMAN with a capacity range up to 6.0 m³/min can be ordered as an additional feature, please contact us.

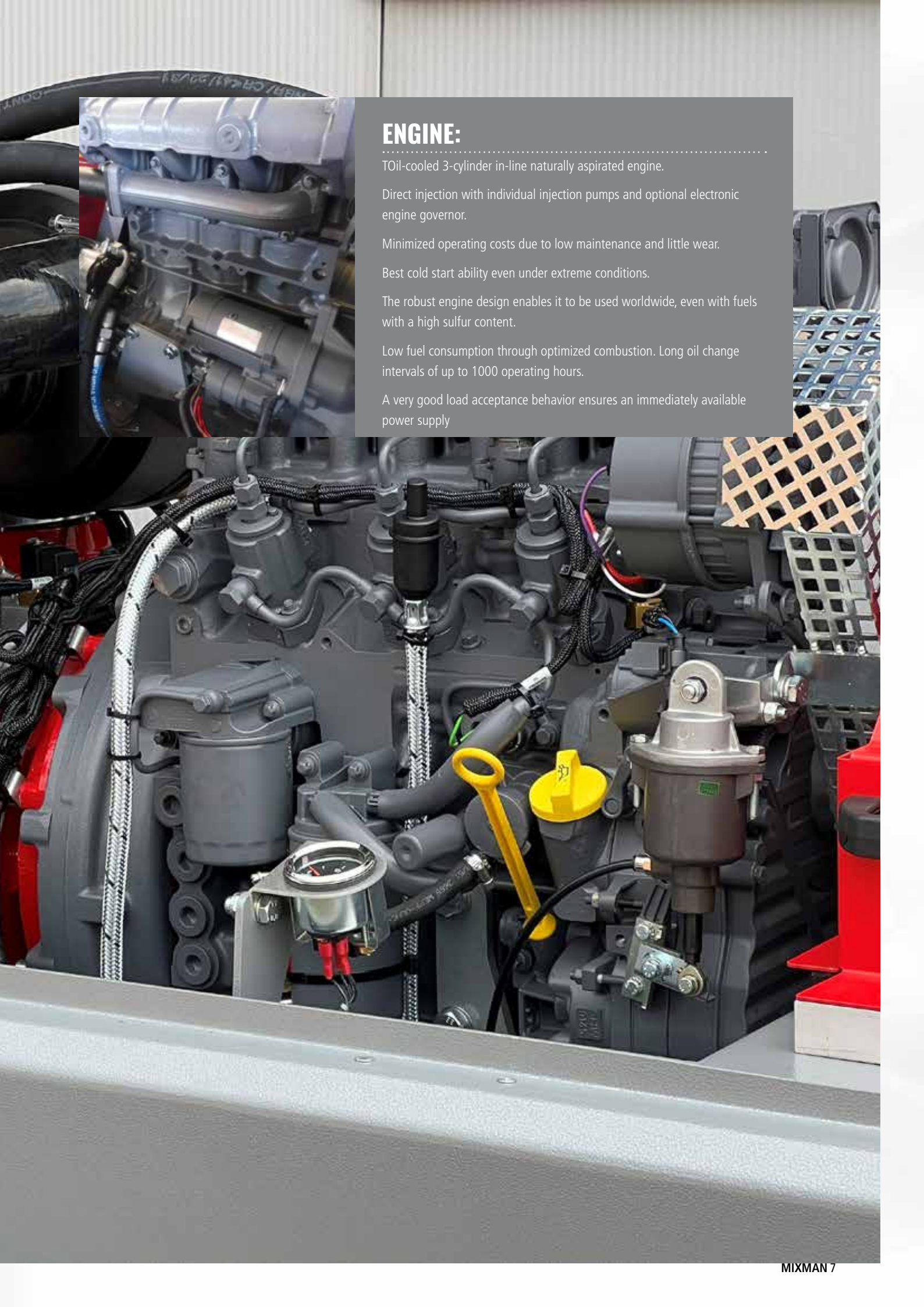


Battery:

The battery is also easy and simple to reach. Due to the very well-planned engine compartment, a change or an external start can be carried out without much effort.

The „made in Germany“ battery impresses with high quality and durability.

ENGINE / COMPRESSOR UNIT



ENGINE:

TOil-cooled 3-cylinder in-line naturally aspirated engine.

Direct injection with individual injection pumps and optional electronic engine governor.

Minimized operating costs due to low maintenance and little wear.

Best cold start ability even under extreme conditions.

The robust engine design enables it to be used worldwide, even with fuels with a high sulfur content.

Low fuel consumption through optimized combustion. Long oil change intervals of up to 1000 operating hours.

A very good load acceptance behavior ensures an immediately available power supply



EXHAUST GAS RECIRCULATION . PROTECTIVE GRID

MIXMAN^{NEO}

It doesn't get any safer than this

The internal exhaust system is equipped with a specially designed protective grid which prevents one from coming into contact with the hot pipes. This exhaust system makes the MIXMAN one of the safest in its class.

FACT CHECK - FURTHER ADVANTAGES



- » Intercooling, thus diesel - saving
- » Bonnet opens almost vertically, perfectly accessible
- » Radiator grid can be removed without tools
- » Huge areas for exhaust air to escape
- » Separate fresh air supply, always fresh air
- » Overheating of the engine is no longer possible
- » Large horizontal fan
- » No more "whistling fans"
- » The exhaust air can always escape
- » Integrated toolbox



DRIVE BELT. EASILY ACCESSIBLE

It doesn't get more compact.

The new chassis of the MIXMAN makes it to a compact space-saving miracle, all relevant parts are easy to reach making operation at the construction site simple and convenient.

The drive belt can be easily accessed and retightened if necessary by loosening two screws on the cover, no tools needed.

THE MIXMAN^{NEO}

NOW EVEN SAFER AND MORE COMFORTABLE

NEO

EASY MAINTAINANCE

While designing the new MIXMAN D4^{NEO} special attention has been paid to easing of the maintenance.

All parts are easy to reach and simplify maintenance / inspections.

- » Easy drive belt change
- » Radiator grid is easy to remove
- » Easy access to all components
- » Spaciousness for assembly



DIGITAL CONTROLLING PANEL

The new digital controlling system always gives a good overall view of all functions of the machine.

The operator is always able to intervene in the conveying process as quickly as possible. What is the most important feature of the digital controlling system?

All relevant functions are controlled by the three robust pushbuttons. These are waterproof, dust - protected as well as suitable for construction site and, installed directly on the panel.



NEO

IT DOESN'T GET MORE DETAILED THAN THIS

SMALL FEATURES - BIG IMPACT



Radio remote controller

The clever and well-thought-out new design creates new storage spaces and gives easy access.

In addition to the cleverly placed remote controller, various materials can be placed in the rear area of the machine for safe transportation.

The transmitter is very user-friendly and can be exchanged easily,

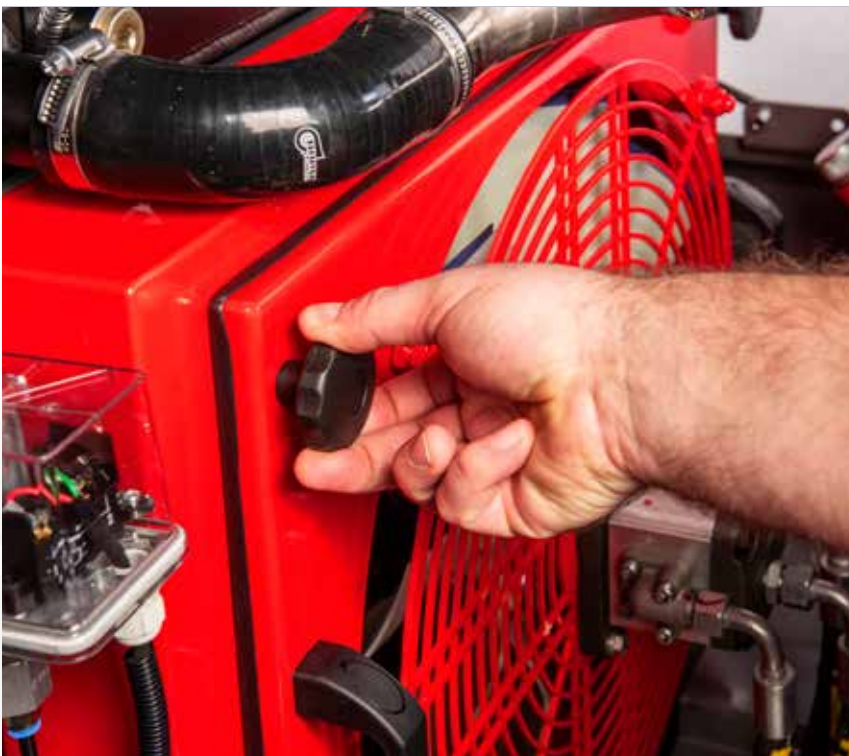
It is possible to replace the components and avoid expensive purchase of the entire remote-control unit.

Scraper Rope - Feeding Speed*

The speed for pulling the scraper has always been an issue. Too fast, too slow... the pace has been determined by the operator, but not necessarily in tune with the machine. We have come up with a solution here as well.

The speed can be easily adjusted with the help of a rotary knob, so that the MIXMAN works at the same pace as the operator.

*Optional feature



COOLING

Special attention has been paid to ease of maintenance of the new MIXMAN D4 NEO. All parts are

easy to reach and simple to maintain / inspect.

The MIXMAN works at full power even in extreme heat, hot air being optimally discharged to the front via the bonnet and chassis whereas the cool air is being sucked in from the top of the hood.

The radiator grid can be removed without tools, making cleaning extremely easy.



MANOMETER.

EVERYTHING SAFELY IN VIEW

MIXMAN

It doesn't get any clearer than this

The two pressure gauges on the outside allow you to check the performance of your MIXMAN at any time.

The pressure gauge on the inside shows the hydraulic pressure while in use.

HIGH QUALITY ALSO ON THE UNDERSIDE



PNEUMATICS. BELT RELAXATION

It doesn't get more detailed than this.

When the mixing unit is switched on, the pneumatic belt tensioner receives pressure and tightens up the drive belt in order to develop the full power.

As soon as the mixing unit is switched off the pressure drops and the drive belt relaxes.



Made in Germany

DEUTZ 2011 3-Cylinder

Oil-cooled 3-cylinder in-line naturally aspirated engine.



DEUTZ

Robust but light construction

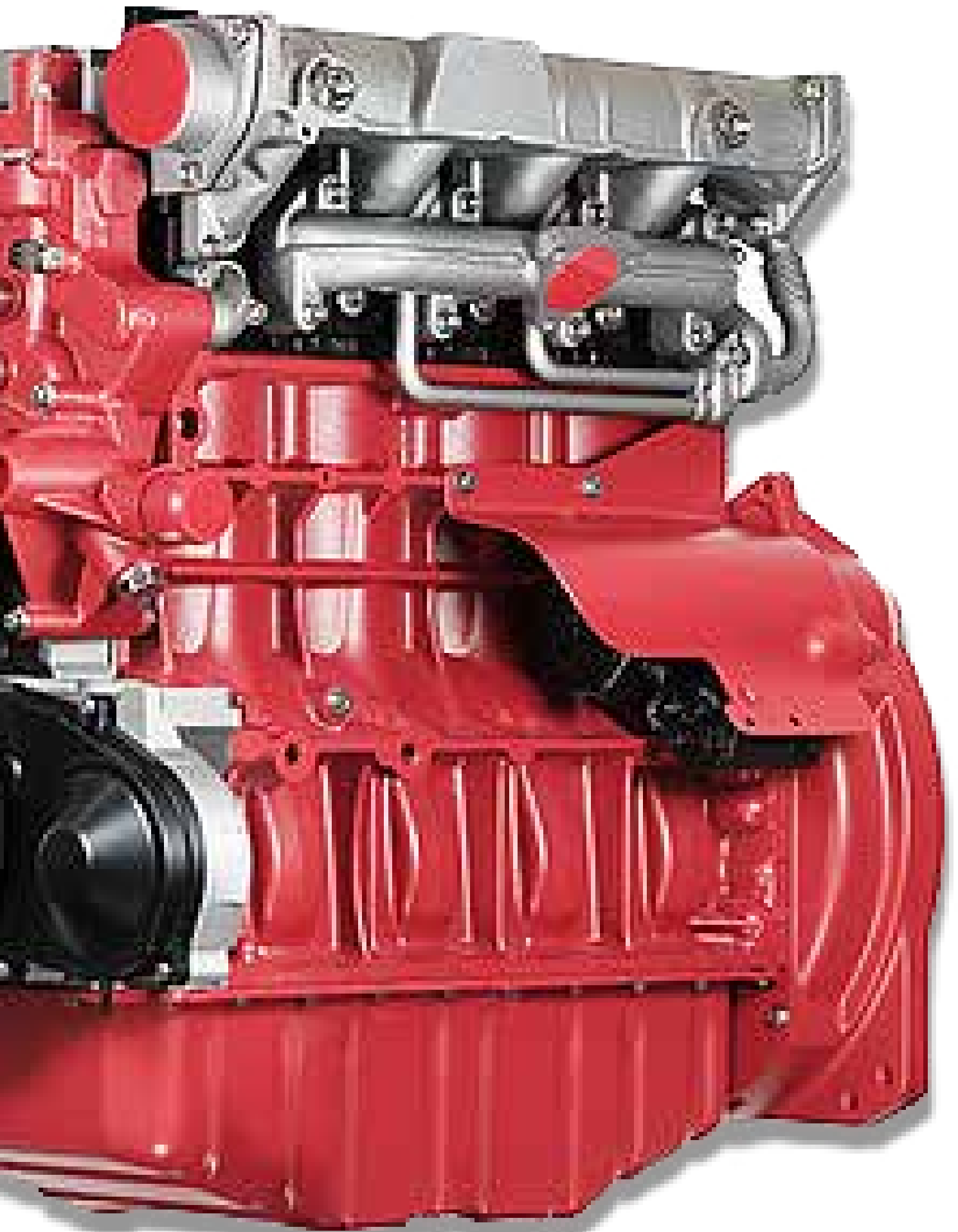
Based on our well-founded expertise in system integration and exhaust aftertreatment, DEUTZ customers always receive a solution that is individually tailored to their needs. High quality, reliability and a long service life are among the core values of the DEUTZ brand.

Basic equipment

- » Oil-cooled 2-, 3- and 4-cylinder naturally aspirated in-line engines. 4 cylinder also with turbocharging and optional nal intercooling.
- » Direct injection with single-injection pumps and optional electronic motor controller.
- » Minimized operating costs due to reduced gene maintenance and little Wear and tear.
- » High reliability combined with long lifespan. oil cooling and avoid corrosion and lubrication cavitation
- » Low fuel consumption through optimized combustion.
- » Long drain intervals of up to 1000 operating hours.
- » A very good load acceptance behavior provides an immediately available electricity care.

The figure shows the basic structure of the motor.

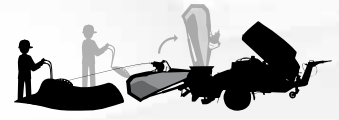








TECHNICAL DATA



| | MIXMAN D4 ^{NEO} | MIXMAN D4B ^{NEO} | MIXMAN D4BS ^{NEO} |
|---------------------------------|---|---------------------------|----------------------------|
| Model | Standard | Feeder | Feeder/Scraper |
| Drive | 3 – cylinder Deutz diesel engine | | |
| Compressor | ACGB-45 Compressor | | |
| Pressure mixing tank | Pressure mixing tank 265 litres gross/200 litres net, made in Europe, and equipped with wear plates. Outlet in the middle as a standard, front outlet optionally available | | |
| Filling height | 890 mm | 420 mm | 420 mm |
| Mixing vessel volume | approx. 60 Liter | | |
| Frame/ chassis | Sturdy chassis of German manufacture with 5mm walls, special coating for optimal corrosion protection (against rust), high-quality powder coating. Chassis colour: RAL 9023 | | |
| Radiator | The radiator can be cleaned easily thanks to the removable grid, only 4 screws must be loosened, no tools needed. | | |
| Noise level in dB | ca. 99dB(A) | | |
| Chassis | ALKO axle with (reinforced) 2t version (stronger axle tube), reinforced tyres and rims, adapted to the 2t axle. | | |
| Bonnet | GKF (as in vehicle construction) with reinforced aluminium frame for optimal stability of the bonnet, hinges made of stainless steel. Large air inlets for cooling air in the hood, the ram air can escape easily when the machine is parked, ensuring a smooth restart. Large air outlets for warm exhaust air both in the bonnet and in the chassis directed towards the front. | | |
| Road approval | 80 km/h - 100 km/h, technically possible up to 140 km/h** | | |
| Weight | 1.720 kg* | 1.830 kg* | 1.940 kg* |
| Dimensions (LxBxH) in mm | 4850 x 1580 x 1550 | 5000 x 1580 x 2450 | 5000 x 1580 x 2450 |

* Depending on the equipment
 ** respective national regulations must be observed

HOLEN SIE SICH NOCH MEHR KOMFORT. OPTIONALES ZUBEHÖR



- + Start-Stop automatic
- + Work lights
- + Light carrier 12V- 24V
- + Armour plates
- + 100 km/h approval
- + Silo version
- + Dynamic
- + Drawbar eye
- + Hoop guard
- + Front outlet
- + Advertising (customised)
- + GPS
- + Automatic cover
- + Side box
- + 2,5t Axle
- + Crane hooks
- + Anti-theft system
- + Bonnet painting in RAL colour chosen by the customer

PNEUMATIC CONVEYOR. MIXMAN D4 ^{NEO}



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