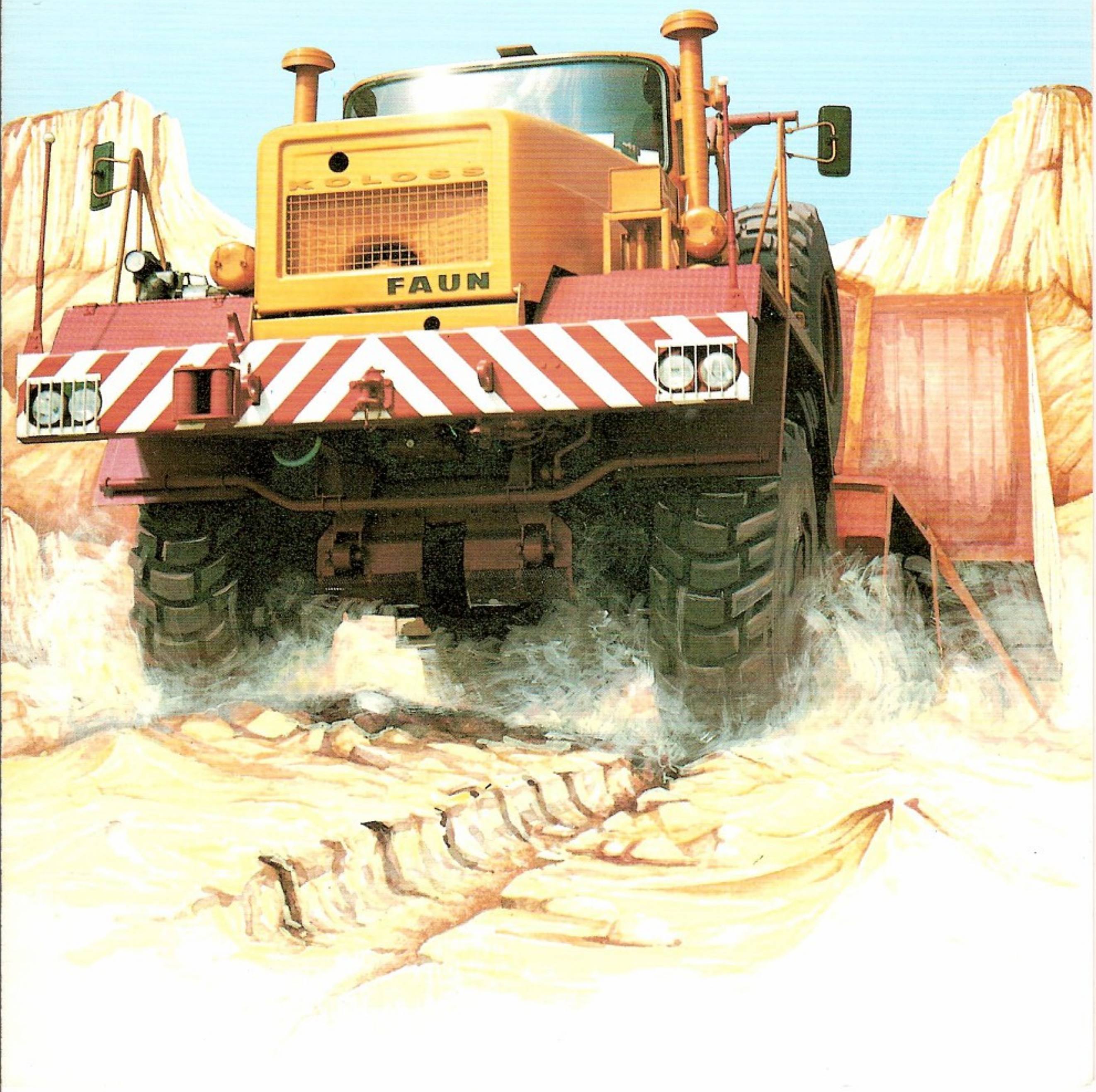


**FAUN** **Koloss**

**The energy pact:  
Koloss... its power is performance**





# KOLOSS – agile mem

## ... for any terrain

The transport of semi heavy to heavy loads is a routine task for Koloss 6x6 All-Wheel-Drive. On the construction site, on- and off-road Koloss pulls as truck tractor/semi-trailer combination a gross combination weight of up to 200 tons and up to 280 tons as a combination of truck-tractor and full trailer. Heavy indivisible loads are no problem for Koloss.

### Engine

The 12-cylinder Deutz diesel engine (type BF12L513) is powerful, reliable and economical. The air-cooled direct-injector develops 480 HP (353 kW). The proven modular system allows the exchange of individual cylinders. The engine cooling is controlled thermostatically.

### Transmission

The fully synchronised gearbox (type ZF 16S-190) in combination with a torque converter assisted dry clutch (WSK 400) guarantees a smooth start on steep gradients and uneven terrain. This also allows the driver to shift less and therefore concentrate more on the road. By operating the kick-down without actuating the clutch and shifting gears more tractive effort is achieved.

### Axles

The FAUN axles provide Koloss with absolute safety in all operations. For special operations the precisely tuned planetary gears produce a high torque in the hubs. The torque is divided to one-third to the front axle and to two-thirds to the rear axles. Transversal differential locks for all axles are available if required.

### Tires

Tires with the size 12.00 – 24 are standard for the Koloss. Larger tires are available as optionals.

### Suspension

Koloss has outstanding performance characteristics thanks to the semi-elliptic spring piles with additional shock absorbers.

### Driver's cab

The comfortable and spacious steel cab for three persons offers extraordinary ease and comfort for the driver.

Clearly arranged instruments and a pneumatically suspended driver's seat with automatic body weight adjustment make driving a pleasure.



**ber of a winning team..**



Available optionals:

- Large size cab for 7 persons, in executions with two to four doors, back seat bench convertible into 2 sleeping bunks
- Air-condition
- Sun protection roof.

### Steering

The semi-block hydraulic steering guarantees safety, easy operation and good tracking. The pressure is supplied by an engine-driven pump. A secondary pump guarantees manoeuvrability in case of failure of the main pump.

### Frame

Koloss' frame is made of high tensile steel. The connection of the longitudinal and cross beams with nuts and bolts gives the frame a distortional elasticity. Thanks to this attribute Koloss is able to adapt to any terrain. Straight longitudinal beams absorb extreme tractive forces which could arise in push-pull combinations as well as in tandem and/or multiple-units operations.

### Brakes

Three brake systems; service-, parking, and engine brake give Koloss the greatest possible safety. The dual circuits braking system of the service brake acts on all wheels. The air pressure spring accumulator brake cylinders prevent an unintentional release of the parking brake. The engine brake achieves an effective brake deceleration especially on slopes. It operates without wear as continuous brake.

Available optionals:

- Load sensitive brake which regulates the braking force at the rear wheels depending on the loading condition.

FAUN offer a wide range of optionals and special equipment for all vehicles to provide optimum suitability for each vehicle and its specialised operation purpose:

- Fully automatic or powershift gearboxes
- Mechanically or hydraulically operated rope winches, single or twin winches
- Trailer couplings for various tractive efforts
- Different tire sizes
- Additional lights
- Fuel tanks of different sizes
- Drinking water tanks
- and much more.

The **Koloss-terrain** has been specially designed for off-road transports.

The 12-cylinder Deutz diesel engine with charge air cooling develops colossal 525 HP (386 kW). The tire size 16.00 - 25 is standard.

All three axles are constantly driven. The torque is divided to one-third to the front axle and to two-thirds to the rear axles.





# oo KOLOSS

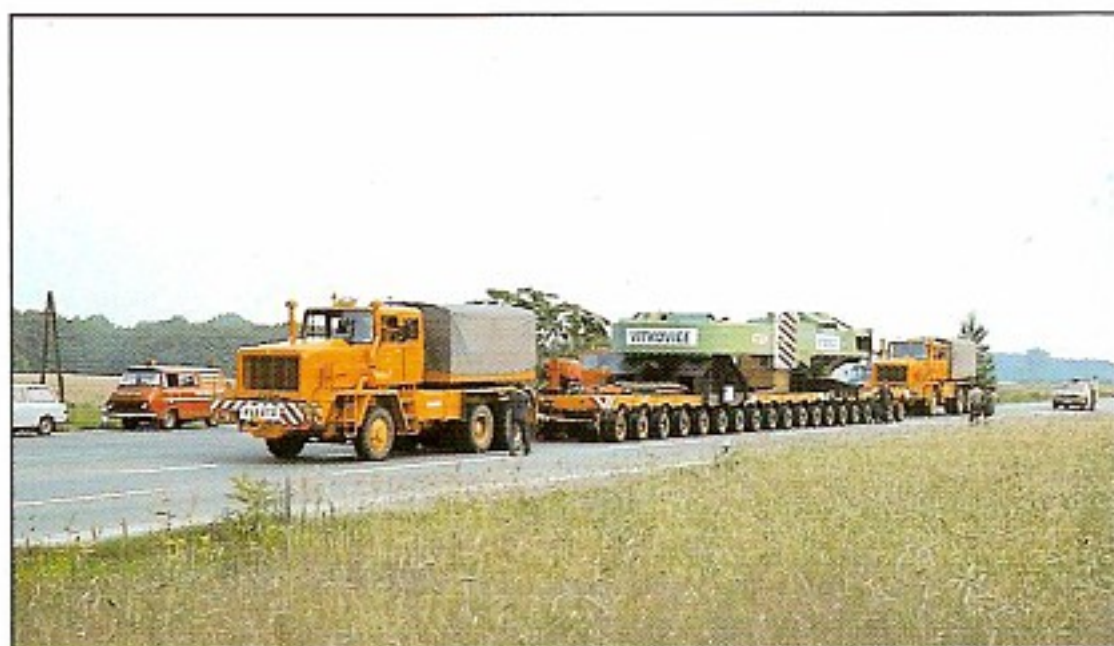


The specifications in this catalogue are approximate. The illustrations may show optional equipment. We reserve the right to make alterations in constructions and extent of delivery.



# FAUN...

## the winning team



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