



BELAZ

7558B

Advantages of the new control system:

BELAZ-7558 | dump truck

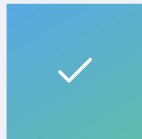
+

TDC-01 | traction drive converter

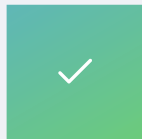
CONTROL UNIT TDC-01



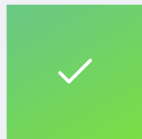
**MODULAR CONSTRUCTION
OF THE POWER SECTION**



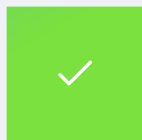
**UNIFIED
POWER MODULES**



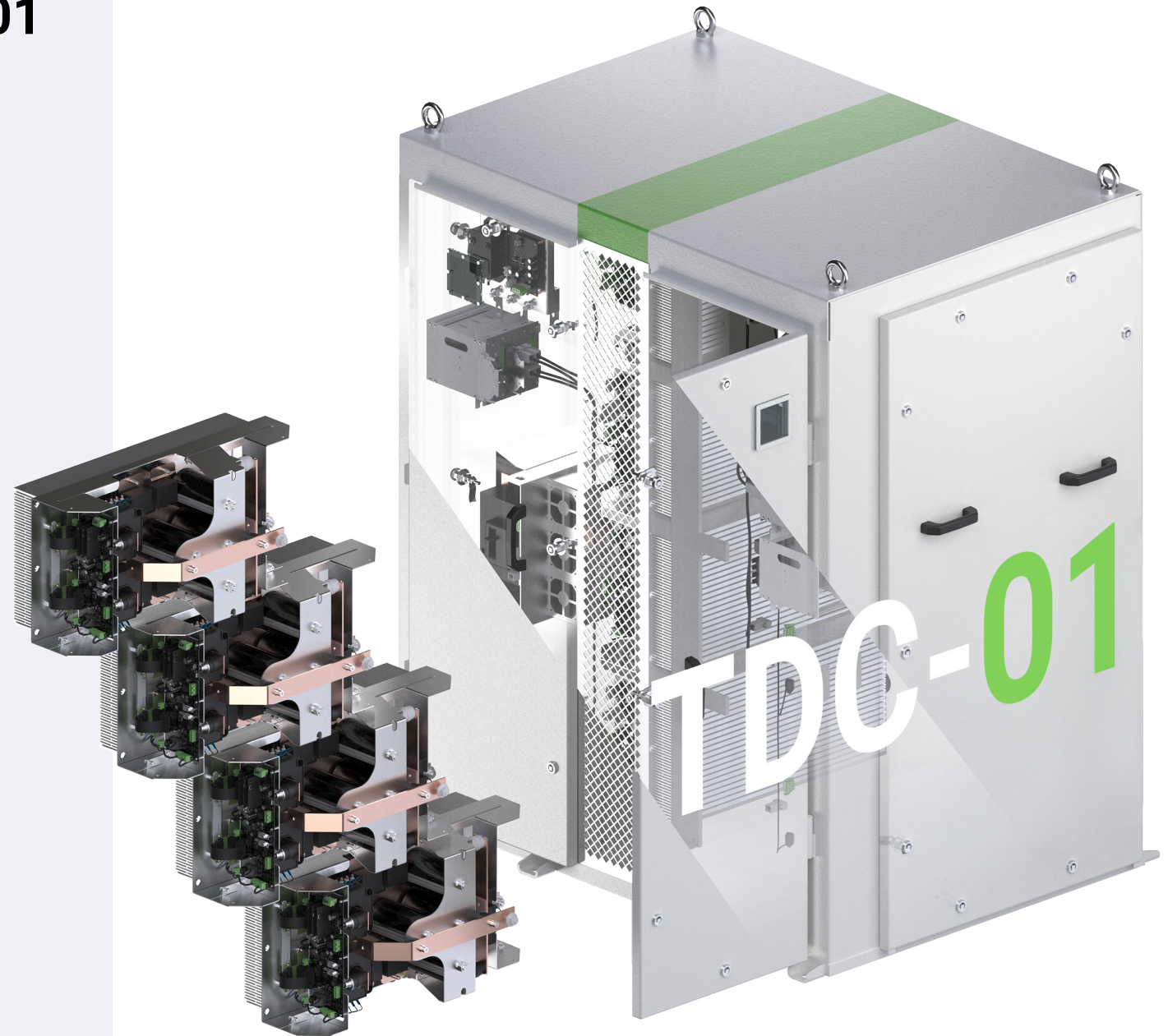
**CONVENIENT
MAINTENANCE ACCESS**



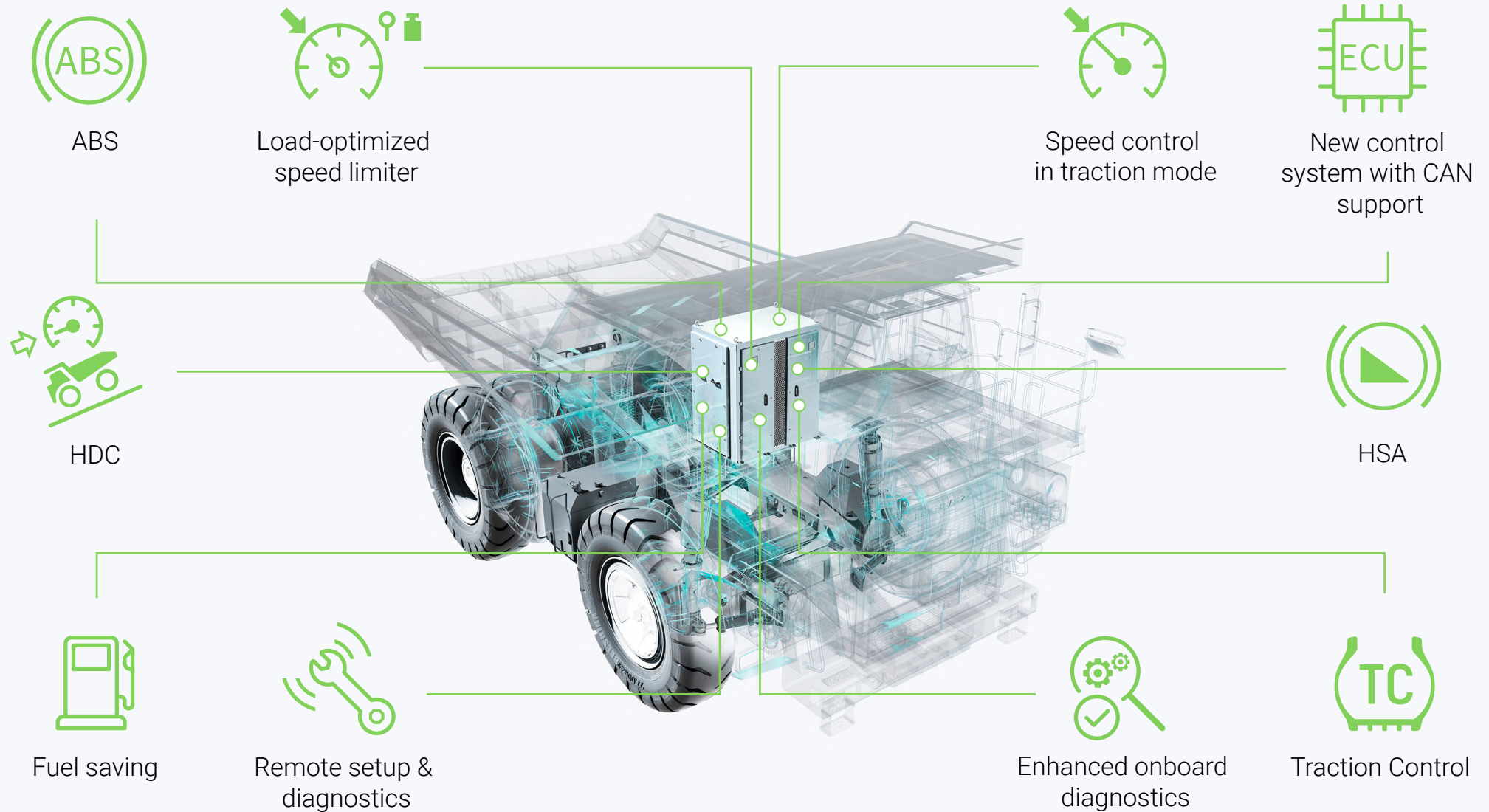
**MODULAR CONTROL
SYSTEM**



**BUILT-IN DIAGNOSTICS
INDICATORS**



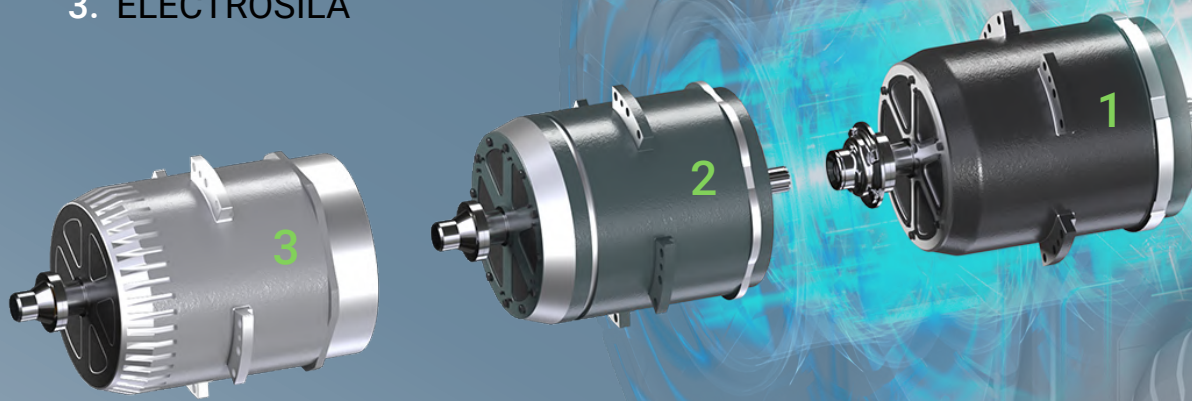
KEY FUNCTIONS OF THE TRUCK WITH POWER CONVERTER (TDC-01)



CONVERTER UNIT (TDC-01)

Solution versatility

1. RUSELPROM
2. SIBELEKTROPRIVOD
3. ELECTROSILA



+ The technical solutions which are implemented in the power section of the TDC-01 are suitable to work with electrical machines from different manufacturers: Sibelektroprivod, Ruselprom, etc. Flexibility of the control unit software allows a custom machine configuration.

TRUCK ONBOARD DIAGNOSTICS

electrical transmission
controller

KET-02



Processing more than 200
different parameters
of the machine and its
electric drive;



Stores registered
data and events up to
30 days;



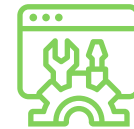
Displaying the drive
parameters on the cabin
controller display;



Informing an operator
about critical parameters
by using sound and visual
notification;



Protecting the power
electronics against
emergency modes
of operation.



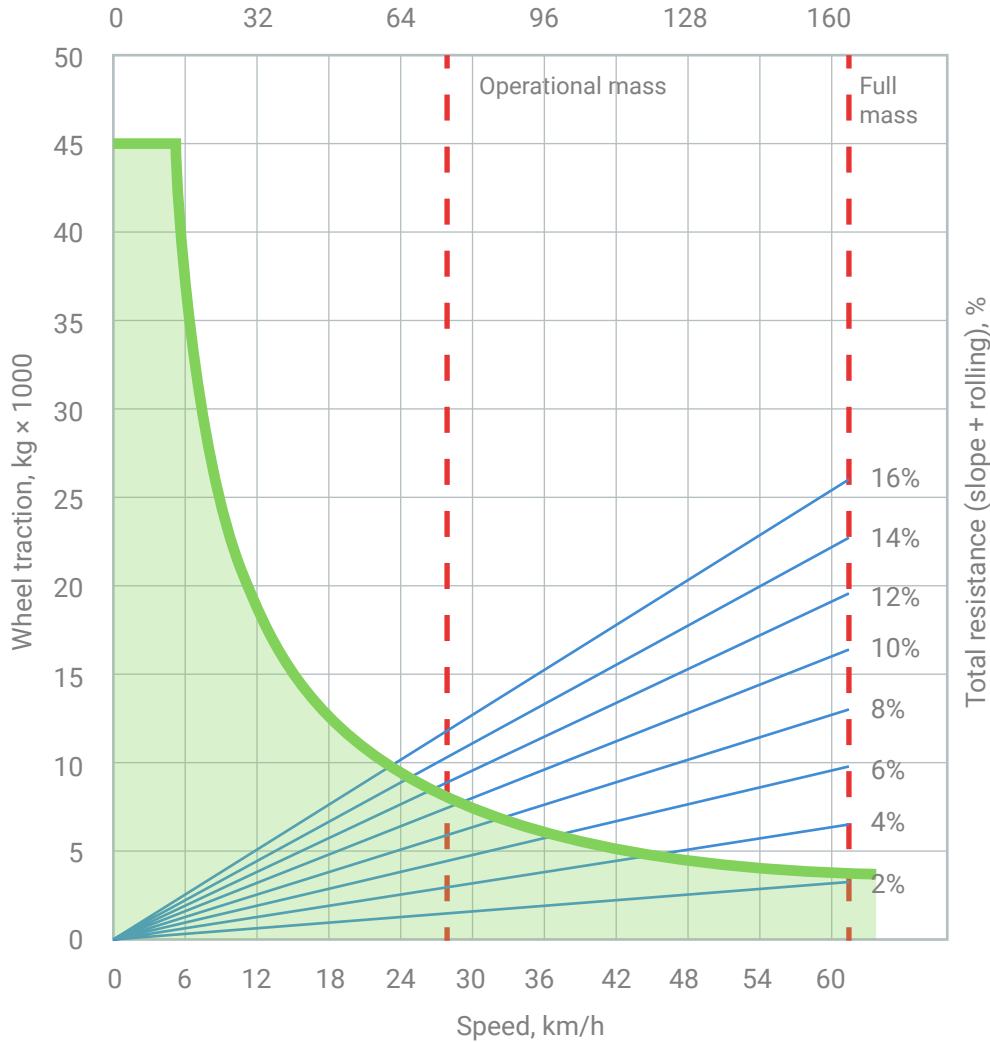
Allows to configure
system parameters
of power equipment.

BELAZ 7558B CHARACTERISTICS

(proven by tests)

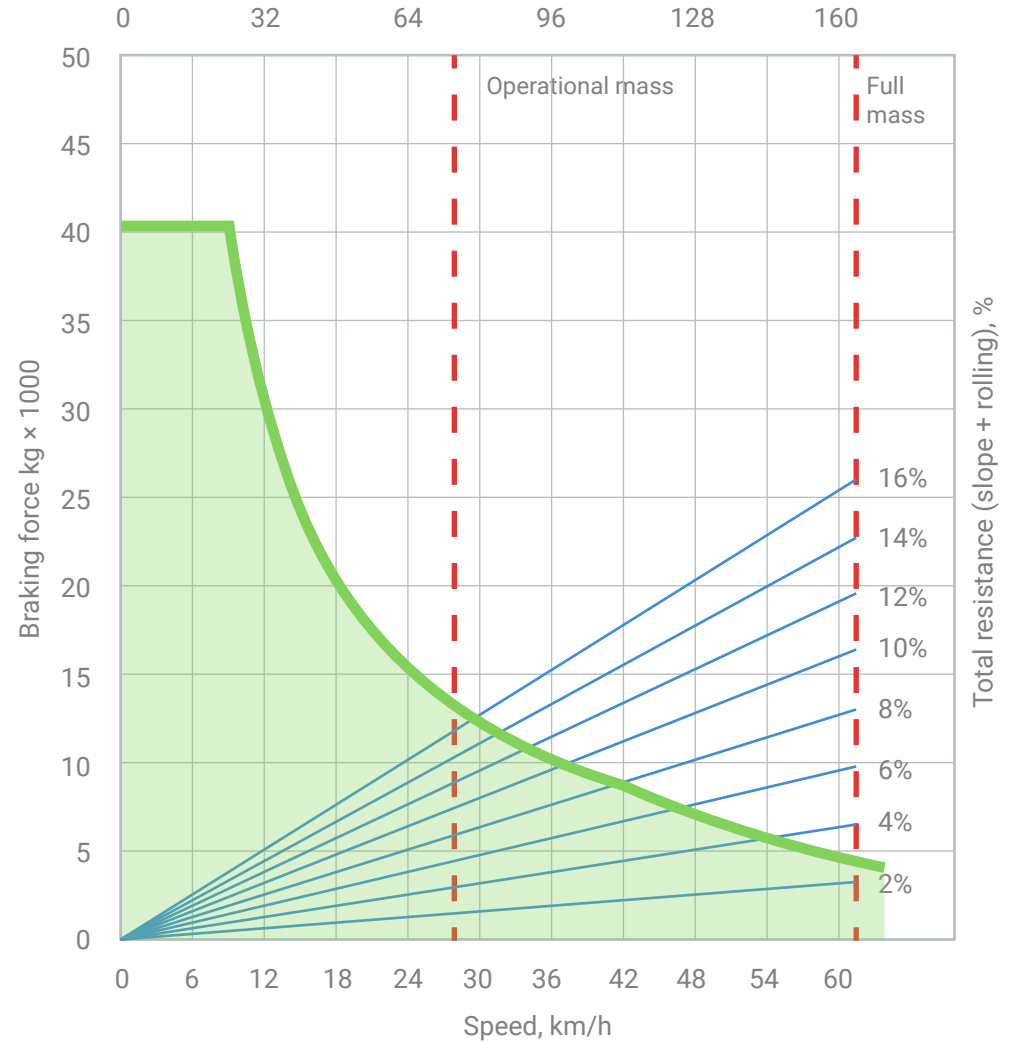
Traction

Truck mass, kg × 1000



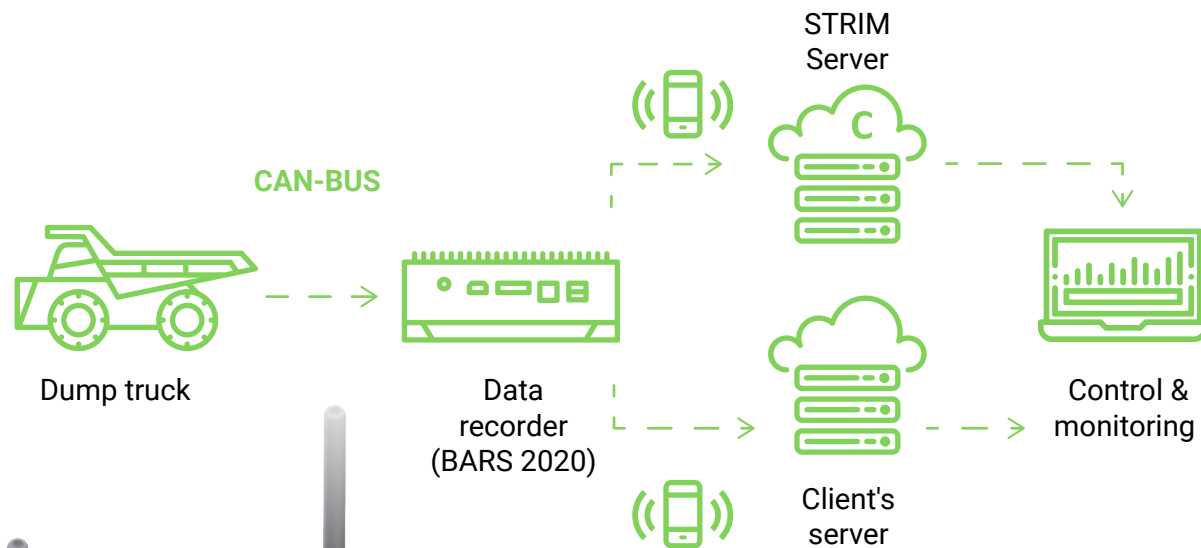
Brake

Truck mass, kg × 1000



REMOTE DIAGNOSTICS AND SETTINGS ADJUSTMENT

Remote monitoring of the control unit
and the electric drive state.



POWER CONVERTER TDC-01



BARS 2020

Collects the electric drive operation data and, if deviations of parameters were detected, allows our specialists to perform adjustment by using the remote connection.

SOFTWARE TUNING

The control unit software tuning is done by using our versatile "KN-1" tuning kit.

- The tuning kit is well known as a part of our other products: SKAT-01EM, BUYG, MVS.
- Fully compatible with the TDC-01 control unit.
- Easy to maintain and operate.

KN-1

Contents of delivery:

- ✓ USB-CAN converter;
- ✓ StrimSoft Software & drivers CD;
- ✓ Connection cables kit.



WHAT DO YOU GET WITH THE NEW TRUCK POWERED BY OUR TDC-01 CONTROL SYSTEM?

01

Reliable and easy to maintain traction drive by manufacturer.

02

Free choose between different electric drive manufacturers.

03

Useful functions of the control system to increase the truck performance level.

04

Onboard diagnostic system.

05

STRIM remote monitoring service (optional feature).

06

STRIM software tuning kit support.

07

Technical support and training of client's specialists by STRIM.

GET BELAZ 7558 WITH THE TDC-01 POWER CONVERTER

perfect machine for major building
projects, mining and processing
industry

